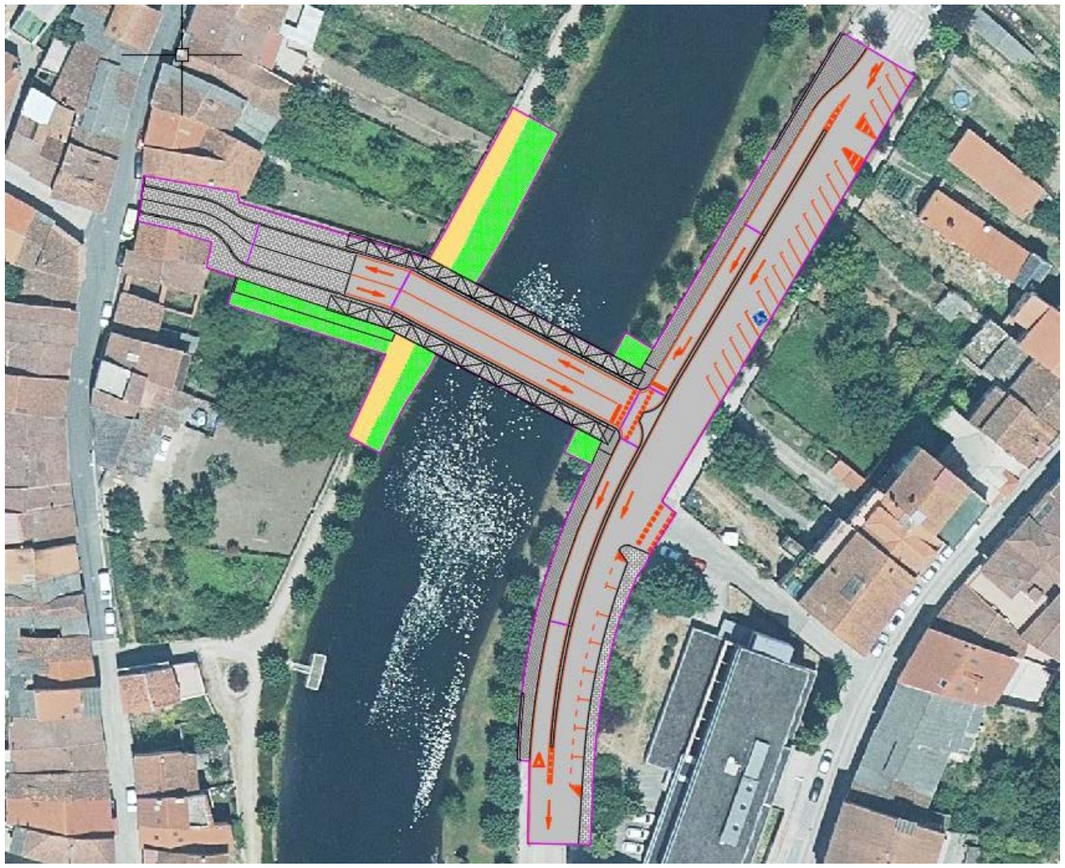
PROYECTO

CONSTRUCCIÓN DE PUENTE METÁLICO EN EL CENTRO URBANO DE MONFORTE DE LEMOS Y CONEXIONES CON RÚAS CORREDOIRA, SANTA CLARA Y PASEO DO MALECÓN

- TOMO III. ANEJOS A LA MEMORIA (PARTE 2 DE 2) -



PROMOTOR

CONCELLO DE MONFORTE DE LEMOS

AUTORÍA

MONSA URBANISMO

Mario Iglesias Rodríguez	Arquitecto, MONSA URBANISMO
Rubén Cobas Fernández	Ingeniero Agrónomo, MONSA URBANISMO
José Antonio Becerra Mosquera	Ingeniero Caminos, Canales y Puertos, NETO INGENIERIA

Junio 2025

TOMO III

Anejos a la Memoria (Parte 2 de 2)

INDICE

17.- ESTRUCTURAS

En junio 2025, los redactores:

Mario Iglesias Rodríguez
Arquitecto
MONSA URBANISMO

Rubén Cobas Fernández
Ingeniero Agrónomo
MONSA URBANISMO

José A. Becerra Mosquera
Ingeniero Caminos, Canales y Puertos
NETO INGENIERÍA

MODELO 3D GENERAL y COMPROBACIONES

Project: MEF_Arco Río Cabe-Monforte_3D_v00

Data - Nodes

Node	X (m)	Y (m)	Z (m)	Support code	Support
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1101	-21.156	-4.500	-0.592		
1102	-20.562	-4.500	-0.559		
1103	-19.967	-4.500	-0.527		
1104	-19.373	-4.500	-0.496		
1105	-18.779	-4.500	-0.466		
1106	-18.185	-4.500	-0.437		
1107	-17.587	-4.500	-0.409		
1108	-16.990	-4.500	-0.382		
1109	-16.392	-4.500	-0.355		
1110	-15.795	-4.500	-0.330		
1111	-15.197	-4.500	-0.305		
1112	-14.600	-4.500	-0.282		
1113	-13.992	-4.500	-0.259		
1114	-13.383	-4.500	-0.237		
1115	-12.775	-4.500	-0.216		
1116	-12.167	-4.500	-0.196		
1117	-11.558	-4.500	-0.177		
1118	-10.950	-4.500	-0.158		
1119	-10.342	-4.500	-0.141		
1120	-9.733	-4.500	-0.125		
1121	-9.125	-4.500	-0.110		
1122	-8.517	-4.500	-0.096		
1123	-7.908	-4.500	-0.083		
1124	-7.300	-4.500	-0.070		
1125	-6.692	-4.500	-0.059		
1126	-6.083	-4.500	-0.049		
1127	-5.475	-4.500	-0.040		
1128	-4.867	-4.500	-0.040		
1129	-4.258	-4.500	-0.024		
1130	-3.650	-4.500	-0.018		
1131	-3.042	-4.500	-0.012		
1132	-2.433	-4.500	-0.008		
1133	-1.825	-4.500	-0.004		
1134	-1.217	-4.500	-0.002		
1135	-0.608	-4.500	-0.001		
1136	0.0	-4.500	0.0		
1137	0.608	-4.500	-0.001		
1138	1.217	-4.500	-0.002		
1139	1.825	-4.500	-0.004		
1140	2.433	-4.500	-0.008		
1141	3.042	-4.500	-0.012		
1142	3.650	-4.500	-0.012		
1143	4.258	-4.500	-0.024		
1144	4.867	-4.500	-0.031		
1145	5.475	-4.500	-0.040		
1146	6.083	-4.500	-0.049		
1147	6.692	-4.500	-0.059		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1148	7.300	-4.500	-0.070		
1149	7.908	-4.500	-0.083		
1150	8.517	-4.500	-0.096		
1151	9.125	-4.500	-0.110		
1152	9.733	-4.500	-0.125		
1153	10.342	-4.500	-0.141		
1154	10.950	-4.500	-0.158		
1155	11.558	-4.500	-0.177		
1156	12.167	-4.500	-0.196		
1157	12.775	-4.500	-0.216		
1158	13.383	-4.500	-0.237		
1159	13.992	-4.500	-0.259		
1160	14.600	-4.500	-0.282		
1161	15.197	-4.500	-0.305		
1162	15.795	-4.500	-0.330		
1163	16.392	-4.500	-0.355		
1164	16.990	-4.500	-0.382		
1165	17.587	-4.500	-0.409		
1166	18.185	-4.500	-0.437		
1167	18.779	-4.500	-0.466		
1168	19.373	-4.500	-0.496		
1169	19.967	-4.500	-0.527		
1170	20.562	-4.500	-0.559		
1171	21.156	-4.500	-0.592		
1172	21.750	-4.500	-0.625	fxxfff	APO-02
1201	-21.156	-4.500	-0.130		
1202	-20.562	-4.500	0.343		
1203	-19.967	-4.500	0.795		
1204	-19.373	-4.500	1.226		
1205	-18.779	-4.500	1.637		
1206	-18.185	-4.500	2.030		
1207	-17.587	-4.500	2.408		
1208	-16.990	-4.500	2.767		
1209	-16.392	-4.500	3.111		
1210	-15.795	-4.500	3.438		
1211	-15.197	-4.500	3.750		
1212	-14.600	-4.500	4.047		
1213	-13.992	-4.500	4.333		
1214	-13.383	-4.500	4.606		
1215	-12.775	-4.500	4.864		
1216	-12.167	-4.500	5.108		
1217	-11.558	-4.500	5.338		
1218	-10.950	-4.500	5.555		
1219	-10.342	-4.500	5.759		
1220	-9.733	-4.500	5.950		
1221	-9.125	-4.500	6.129		
1222	-8.517	-4.500	6.295		
1223	-7.908	-4.500	6.449		
1224	-7.300	-4.500	6.590		
1225	-6.692	-4.500	6.720		
1226	-6.083	-4.500	6.839		
1227	-5.475	-4.500	6.945		

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Node	X (m)	Y (m)	Z (m)	Support code	Support
1228	-4.867	-4.500	7.040		
1229	-4.258	-4.500	7.124		
1230	-3.650	-4.500	7.196		
1231	-3.042	-4.500	7.257		
1232	-2.433	-4.500	7.307		
1233	-1.825	-4.500	7.346		
1234	-1.217	-4.500	7.373		
1235	-0.608	-4.500	7.390		
1236	0.0	-4.500	7.390		
1237	0.608	-4.500	7.390		
1238	1.217	-4.500	7.373		
1239	1.825	-4.500	7.346		
1240	2.433	-4.500	7.307		
1241	3.042	-4.500	7.257		
1242	3.650	-4.500	7.196		
1243	4.258	-4.500	7.124		
1244	4.867	-4.500	7.040		
1245	5.475	-4.500	6.945		
1246	6.083	-4.500	6.839		
1247	6.692	-4.500	6.720		
1248	7.300	-4.500	6.590		
1249	7.908	-4.500	6.449		
1250	8.517	-4.500	6.295		
1251	9.125	-4.500	6.129		
1252	9.733	-4.500	5.950		
1253	10.342	-4.500	5.759		
1254	10.950	-4.500	5.555		
1255	11.558	-4.500	5.338		
1256	12.167	-4.500	5.108		
1257	12.775	-4.500	4.864		
1258	13.383	-4.500	4.606		
1259	13.992	-4.500	4.333		
1260	14.600	-4.500	4.047		
1261	15.197	-4.500	3.750		
1262	15.795	-4.500	3.438		
1263	16.392	-4.500	3.111		
1264	16.990	-4.500	2.767		
1265	17.587	-4.500	2.408		
1266	18.185	-4.500	2.030		
1267	18.779	-4.500	1.637		
1268	19.373	-4.500	1.226		
1269	19.967	-4.500	0.795		
1270	20.562	-4.500	0.343		
1271	21.156	-4.500	-0.130		
2100	-21.750	4.500	-0.625	xxxfff	APO-01
2101	-21.156	4.500	-0.592		
2102	-20.562	4.500	-0.559		
2103	-19.967	4.500	-0.527		
2104	-19.373	4.500	-0.496		
2105	-18.779	4.500	-0.466		
2106	-18.185	4.500	-0.437		
2107	-17.587	4.500	-0.409		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2108	-16.990	4.500	-0.382		
2109	-16.392	4.500	-0.355		
2110	-15.795	4.500	-0.330		
2111	-15.197	4.500	-0.305		
2112	-14.600	4.500	-0.282		
2113	-13.992	4.500	-0.259		
2114	-13.383	4.500	-0.237		
2115	-12.775	4.500	-0.216		
2116	-12.167	4.500	-0.196		
2117	-11.558	4.500	-0.177		
2118	-10.950	4.500	-0.158		
2119	-10.342	4.500	-0.141		
2120	-9.733	4.500	-0.125		
2121	-9.125	4.500	-0.110		
2122	-8.517	4.500	-0.096		
2123	-7.908	4.500	-0.083		
2124	-7.300	4.500	-0.070		
2125	-6.692	4.500	-0.059		
2126	-6.083	4.500	-0.049		
2127	-5.475	4.500	-0.040		
2128	-4.867	4.500	-0.040		
2129	-4.258	4.500	-0.024		
2130	-3.650	4.500	-0.018		
2131	-3.042	4.500	-0.012		
2132	-2.433	4.500	-0.008		
2133	-1.825	4.500	-0.004		
2134	-1.217	4.500	-0.002		
2135	-0.608	4.500	-0.001		
2136	0.0	4.500	0.0		
2137	0.608	4.500	-0.001		
2138	1.217	4.500	-0.002		
2139	1.825	4.500	-0.004		
2140	2.433	4.500	-0.008		
2141	3.042	4.500	-0.012		
2142	3.650	4.500	-0.012		
2143	4.258	4.500	-0.024		
2144	4.867	4.500	-0.031		
2145	5.475	4.500	-0.040		
2146	6.083	4.500	-0.049		
2147	6.692	4.500	-0.059		
2148	7.300	4.500	-0.070		
2149	7.908	4.500	-0.083		
2150	8.517	4.500	-0.096		
2151	9.125	4.500	-0.110		
2152	9.733	4.500	-0.125		
2153	10.342	4.500	-0.141		
2154	10.950	4.500	-0.158		
2155	11.558	4.500	-0.177		
2156	12.167	4.500	-0.196		
2157	12.775	4.500	-0.216		
2158	13.383	4.500	-0.237		
2159	13.992	4.500	-0.259		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2160	14.600	4.500	-0.282		
2161	15.197	4.500	-0.305		
2162	15.795	4.500	-0.330		
2163	16.392	4.500	-0.355		
2164	16.990	4.500	-0.382		
2165	17.587	4.500	-0.409		
2166	18.185	4.500	-0.437		
2167	18.779	4.500	-0.466		
2168	19.373	4.500	-0.496		
2169	19.967	4.500	-0.527		
2170	20.562	4.500	-0.559		
2171	21.156	4.500	-0.592		
2172	21.750	4.500	-0.625	fxxfff	APO-02
2201	-21.156	4.500	-0.130		
2202	-20.562	4.500	0.343		
2203	-19.967	4.500	0.795		
2204	-19.373	4.500	1.226		
2205	-18.779	4.500	1.637		
2206	-18.185	4.500	2.030		
2207	-17.587	4.500	2.408		
2208	-16.990	4.500	2.767		
2209	-16.392	4.500	3.111		
2210	-15.795	4.500	3.438		
2211	-15.197	4.500	3.750		
2212	-14.600	4.500	4.047		
2213	-13.992	4.500	4.333		
2214	-13.383	4.500	4.606		
2215	-12.775	4.500	4.864		
2216	-12.167	4.500	5.108		
2217	-11.558	4.500	5.338		
2218	-10.950	4.500	5.555		
2219	-10.342	4.500	5.759		
2220	-9.733	4.500	5.950		
2221	-9.125	4.500	6.129		
2222	-8.517	4.500	6.295		
2223	-7.908	4.500	6.449		
2224	-7.300	4.500	6.590		
2225	-6.692	4.500	6.720		
2226	-6.083	4.500	6.839		
2227	-5.475	4.500	6.945		
2228	-4.867	4.500	7.040		
2229	-4.258	4.500	7.124		
2230	-3.650	4.500	7.196		
2231	-3.042	4.500	7.257		
2232	-2.433	4.500	7.307		
2233	-1.825	4.500	7.346		
2234	-1.217	4.500	7.373		
2235	-0.608	4.500	7.390		
2236	0.0	4.500	7.390		
2237	0.608	4.500	7.390		
2238	1.217	4.500	7.373		
2239	1.825	4.500	7.346		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2240	2.433	4.500	7.307		
2241	3.042	4.500	7.257		
2242	3.650	4.500	7.196		
2243	4.258	4.500	7.124		
2244	4.867	4.500	7.040		
2245	5.475	4.500	6.945		
2246	6.083	4.500	6.839		
2247	6.692	4.500	6.720		
2248	7.300	4.500	6.590		
2249	7.908	4.500	6.449		
2250	8.517	4.500	6.295		
2251	9.125	4.500	6.129		
2252	9.733	4.500	5.950		
2253	10.342	4.500	5.759		
2254	10.950	4.500	5.555		
2255	11.558	4.500	5.338		
2256	12.167	4.500	5.108		
2257	12.775	4.500	4.864		
2258	13.383	4.500	4.606		
2259	13.992	4.500	4.333		
2260	14.600	4.500	4.047		
2261	15.197	4.500	3.750		
2262	15.795	4.500	3.438		
2263	16.392	4.500	3.111		
2264	16.990	4.500	2.767		
2265	17.587	4.500	2.408		
2266	18.185	4.500	2.030		
2267	18.779	4.500	1.637		
2268	19.373	4.500	1.226		
2269	19.967	4.500	0.795		
2270	20.562	4.500	0.343		
2271	21.156	4.500	-0.130		
3101	-21.750	-7.500	-0.625		
3103	-18.185	-7.500	-0.437		
3105	-14.600	-7.500	-0.282		
3107	-10.950	-7.500	-0.158		
3109	-7.300	-7.500	-0.070		
3111	-3.650	-7.500	-0.018		
3113	0.0	-7.500	0.0		
3115	3.650	-7.500	-0.012		
3117	7.300	-7.500	-0.070		
3119	10.950	-7.500	-0.158		
3121	14.600	-7.500	-0.282		
3123	18.185	-7.500	-0.437		
3125	21.750	-7.500	-0.625		
3201	-21.750	7.500	-0.625		
3203	-18.185	7.500	-0.437		
3205	-14.600	7.500	-0.282		
3207	-10.950	7.500	-0.158		
3209	-7.300	7.500	-0.070		
3211	-3.650	7.500	-0.018		
3213	0.0	7.500	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
3215	3.650	7.500	-0.012		
3217	7.300	7.500	-0.070		
3219	10.950	7.500	-0.158		
3221	14.600	7.500	-0.282		
3223	18.185	7.500	-0.437		
3225	21.750	7.500	-0.625		
4001	-21.750	0.0	-0.625		
4003	-18.185	0.0	-0.437		
4005	-14.600	0.0	-0.282		
4007	-10.950	0.0	-0.158		
4009	-7.300	0.0	-0.070		
4011	-3.650	0.0	-0.018		
4013	0.0	0.0	0.0		
4015	3.650	0.0	-0.012		
4017	7.300	0.0	-0.070		
4019	10.950	0.0	-0.158		
4021	14.600	0.0	-0.282		
4023	18.185	0.0	-0.437		
4025	21.750	0.0	-0.625		
9912	-18.185	-2.100	-0.437		
9913	-14.600	-2.100	-0.282		
9914	-10.950	-2.100	-0.158		
9915	-7.300	-2.100	-0.070		
9916	-3.650	-2.100	-0.018		
9917	0.0	-2.100	0.0		
9918	3.650	-2.100	-0.012		
9922	-18.185	0.900	-0.437		
9923	-14.600	0.900	-0.282		
9924	-10.950	0.900	-0.158		
9925	-7.300	0.900	-0.070		
9926	-3.650	0.900	-0.018		
9927	0.0	0.900	0.0		
9928	3.650	0.900	-0.012		
9929	-21.739	-2.100	-0.624		
9932	-21.739	0.900	-0.624		

Data - Members

Member	Node 1	Node 2	Section	Material
1101	1100	1101	TABLERO-ARR	S 355
1102	1101	1102	TABLERO-ARR	S 355
1103	1102	1103	TABLERO-ARR	S 355
1104	1103	1104	TABLERO-ARR	S 355
1105	1104	1105	TABLERO-ARR	S 355
1106	1105	1106	TABLERO-ARR	S 355
1107	1106	1107	TABLERO-ARR	S 355
1108	1107	1108	TABLERO-ARR	S 355
1109	1108	1109	TABLERO-ARR	S 355
1110	1109	1110	TABLERO-ARR	S 355
1111	1110	1111	TABLERO-ARR	S 355
1112	1111	1112	TABLERO-ARR	S 355
1113	1112	1113	TABLERO-ARR	S 355
1114	1113	1114	TABLERO-ARR	S 355
1115	1114	1115	TABLERO-ARR	S 355
1116	1115	1116	TABLERO-01	S 355
1117	1116	1117	TABLERO-01	S 355
1118	1117	1118	TABLERO-01	S 355
1119	1118	1119	TABLERO-01	S 355
1120	1119	1120	TABLERO-01	S 355
1121	1120	1121	TABLERO-01	S 355
1122	1121	1122	TABLERO-01	S 355
1123	1122	1123	TABLERO-01	S 355
1124	1123	1124	TABLERO-01	S 355
1125	1124	1125	TABLERO-01	S 355
1126	1125	1126	TABLERO-01	S 355
1127	1126	1127	TABLERO-01	S 355
1128	1127	1128	TABLERO-01	S 355
1129	1128	1129	TABLERO-01	S 355
1130	1129	1130	TABLERO-01	S 355
1131	1130	1131	TABLERO-01	S 355
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1135	1134	1135	TABLERO-01	S 355
1136	1135	1136	TABLERO-01	S 355
1137	1136	1137	TABLERO-01	S 355
1138	1137	1138	TABLERO-01	S 355
1139	1138	1139	TABLERO-01	S 355
1140	1139	1140	TABLERO-01	S 355
1141	1140	1141	TABLERO-01	S 355
1142	1141	1142	TABLERO-01	S 355
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1144	1143	1144	TABLERO-01	S 355
1145	1144	1145	TABLERO-01	S 355
1146	1145	1146	TABLERO-01	S 355
1147	1146	1147	TABLERO-01	S 355
1148	1147	1148	TABLERO-01	S 355

Member	Node 1	Node 2	Section	Material
1149	1148	1149	TABLERO-01	S 355
1150	1149	1150	TABLERO-01	S 355
1151	1150	1151	TABLERO-01	S 355
1152	1151	1152	TABLERO-01	S 355
1153	1152	1153	TABLERO-01	S 355
1154	1153	1154	TABLERO-01	S 355
1155	1154	1155	TABLERO-01	S 355
1156	1155	1156	TABLERO-01	S 355
1157	1156	1157	TABLERO-01	S 355
1158	1157	1158	TABLERO-ARR	S 355
1159	1158	1159	TABLERO-ARR	S 355
1160	1159	1160	TABLERO-ARR	S 355
1161	1160	1161	TABLERO-ARR	S 355
1162	1161	1162	TABLERO-ARR	S 355
1163	1162	1163	TABLERO-ARR	S 355
1164	1163	1164	TABLERO-ARR	S 355
1165	1164	1165	TABLERO-ARR	S 355
1166	1165	1166	TABLERO-ARR	S 355
1167	1166	1167	TABLERO-ARR	S 355
1168	1167	1168	TABLERO-ARR	S 355
1169	1168	1169	TABLERO-ARR	S 355
1170	1169	1170	TABLERO-ARR	S 355
1171	1170	1171	TABLERO-ARR	S 355
1172	1171	1172	TABLERO-ARR	S 355
1201	1100	1201	ARCO-01	S 355
1202	1201	1202	ARCO-01	S 355
1203	1202	1203	ARCO-01	S 355
1204	1203	1204	ARCO-01	S 355
1205	1204	1205	ARCO-01	S 355
1206	1205	1206	ARCO-01	S 355
1207	1206	1207	ARCO-01	S 355
1208	1207	1208	ARCO-01	S 355
1209	1208	1209	ARCO-01	S 355
1210	1209	1210	ARCO-01	S 355
1211	1210	1211	ARCO-01	S 355
1212	1211	1212	ARCO-01	S 355
1213	1212	1213	ARCO-01	S 355
1214	1213	1214	ARCO-01	S 355
1215	1214	1215	ARCO-01	S 355
1216	1215	1216	ARCO-02	S 355
1217	1216	1217	ARCO-02	S 355
1218	1217	1218	ARCO-02	S 355
1219	1218	1219	ARCO-02	S 355
1220	1219	1220	ARCO-02	S 355
1221	1220	1221	ARCO-02	S 355
1222	1221	1222	ARCO-02	S 355
1223	1222	1223	ARCO-02	S 355
1224	1223	1224	ARCO-02	S 355
1225	1224	1225	ARCO-02	S 355
1226	1225	1226	ARCO-02	S 355
1227	1226	1227	ARCO-02	S 355
1228	1227	1228	ARCO-02	S 355

Member	Node 1	Node 2	Section	Material
1229	1228	1229	ARCO-02	S 355
1230	1229	1230	ARCO-02	S 355
1231	1230	1231	ARCO-02	S 355
1232	1231	1232	ARCO-02	S 355
1233	1232	1233	ARCO-02	S 355
1234	1233	1234	ARCO-02	S 355
1235	1234	1235	ARCO-02	S 355
1236	1235	1236	ARCO-02	S 355
1237	1236	1237	ARCO-02	S 355
1238	1237	1238	ARCO-02	S 355
1239	1238	1239	ARCO-02	S 355
1240	1239	1240	ARCO-02	S 355
1241	1240	1241	ARCO-02	S 355
1242	1241	1242	ARCO-02	S 355
1243	1242	1243	ARCO-02	S 355
1244	1243	1244	ARCO-02	S 355
1245	1244	1245	ARCO-02	S 355
1246	1245	1246	ARCO-02	S 355
1247	1246	1247	ARCO-02	S 355
1248	1247	1248	ARCO-02	S 355
1249	1248	1249	ARCO-02	S 355
1250	1249	1250	ARCO-02	S 355
1251	1250	1251	ARCO-02	S 355
1252	1251	1252	ARCO-02	S 355
1253	1252	1253	ARCO-02	S 355
1254	1253	1254	ARCO-02	S 355
1255	1254	1255	ARCO-02	S 355
1256	1255	1256	ARCO-02	S 355
1257	1256	1257	ARCO-02	S 355
1258	1257	1258	ARCO-01	S 355
1259	1258	1259	ARCO-01	S 355
1260	1259	1260	ARCO-01	S 355
1261	1260	1261	ARCO-01	S 355
1262	1261	1262	ARCO-01	S 355
1263	1262	1263	ARCO-01	S 355
1264	1263	1264	ARCO-01	S 355
1265	1264	1265	ARCO-01	S 355
1266	1265	1266	ARCO-01	S 355
1267	1266	1267	ARCO-01	S 355
1268	1267	1268	ARCO-01	S 355
1269	1268	1269	ARCO-01	S 355
1270	1269	1270	ARCO-01	S 355
1271	1270	1271	ARCO-01	S 355
1272	1271	1172	ARCO-01	S 355
1290	1100	1212	ARCO-01	S 355
1291	1212	1218	N/A	S 355
1292	1218	1224	ARCO-02	S 355
1293	1224	1230	ARCO-02	S 355
1294	1230	1236	ARCO-02	S 355
1295	1236	1242	ARCO-02	S 355
1296	1242	1248	ARCO-02	S 355
1297	1248	1254	ARCO-02	S 355

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Member	Node 1	Node 2	Section	Material
1298	1254	1260	N/A	S 355
1299	1172	1260	ARCO-01	S 355
1301	1206	1106	PEND-TRACC	S 355
1302	1212	1112	PEND-TRACC	S 355
1303	1218	1118	PEND-TRACC	S 355
1304	1224	1124	PEND-TRACC	S 355
1305	1230	1130	PEND-TRACC	S 355
1306	1236	1136	PEND-TRACC	S 355
1307	1242	1142	PEND-TRACC	S 355
1308	1248	1148	PEND-TRACC	S 355
1309	1254	1154	PEND-TRACC	S 355
1310	1260	1160	PEND-TRACC	S 355
1311	1266	1166	PEND-TRACC	S 355
1411	1212	1118	DIAG-TRACC	S 355
1412	1112	1218	DIAG-COMP	S 355
1421	1218	1124	DIAG-TRACC	S 355
1422	1118	1224	DIAG-COMP	S 355
1431	1224	1130	DIAG-TRACC	S 355
1432	1124	1230	DIAG-COMP	S 355
1441	1230	1136	DIAG-TRACC	S 355
1442	1130	1236	DIAG-COMP	S 355
1451	1242	1136	DIAG-TRACC	S 355
1452	1142	1236	DIAG-COMP	S 355
1461	1248	1142	DIAG-TRACC	S 355
1462	1148	1242	DIAG-COMP	S 355
1471	1254	1148	DIAG-TRACC	S 355
1472	1154	1248	DIAG-COMP	S 355
1481	1260	1154	DIAG-TRACC	S 355
1482	1160	1254	DIAG-COMP	S 355
2101	2100	2101	TABLERO-ARR	S 355
2102	2101	2102	TABLERO-ARR	S 355
2103	2102	2103	TABLERO-ARR	S 355
2104	2103	2104	TABLERO-ARR	S 355
2105	2104	2105	TABLERO-ARR	S 355
2106	2105	2106	TABLERO-ARR	S 355
2107	2106	2107	TABLERO-ARR	S 355
2108	2107	2108	TABLERO-ARR	S 355
2109	2108	2109	TABLERO-ARR	S 355
2110	2109	2110	TABLERO-ARR	S 355
2111	2110	2111	TABLERO-ARR	S 355
2112	2111	2112	TABLERO-ARR	S 355
2113	2112	2113	TABLERO-ARR	S 355
2114	2113	2114	TABLERO-ARR	S 355
2115	2114	2115	TABLERO-ARR	S 355
2116	2115	2116	TABLERO-01	S 355
2117	2116	2117	TABLERO-01	S 355
2118	2117	2118	TABLERO-01	S 355
2119	2118	2119	TABLERO-01	S 355
2120	2119	2120	TABLERO-01	S 355
2121	2120	2121	TABLERO-01	S 355
2122	2121	2122	TABLERO-01	S 355
2123	2122	2123	TABLERO-01	S 355

Member	Node 1	Node 2	Section	Material
2124	2123	2124	TABLERO-01	S 355
2125	2124	2125	TABLERO-01	S 355
2126	2125	2126	TABLERO-01	S 355
2127	2126	2127	TABLERO-01	S 355
2128	2127	2128	TABLERO-01	S 355
2129	2128	2129	TABLERO-01	S 355
2130	2129	2130	TABLERO-01	S 355
2131	2130	2131	TABLERO-01	S 355
2132	2131	2132	TABLERO-01	S 355
2133	2132	2133	TABLERO-01	S 355
2134	2133	2134	TABLERO-01	S 355
2135	2134	2135	TABLERO-01	S 355
2136	2135	2136	TABLERO-01	S 355
2137	2136	2137	TABLERO-01	S 355
2138	2137	2138	TABLERO-01	S 355
2139	2138	2139	TABLERO-01	S 355
2140	2139	2140	TABLERO-01	S 355
2141	2140	2141	TABLERO-01	S 355
2142	2141	2142	TABLERO-01	S 355
2143	2142	2143	TABLERO-01	S 355
2144	2143	2144	TABLERO-01	S 355
2145	2144	2145	TABLERO-01	S 355
2146	2145	2146	TABLERO-01	S 355
2147	2146	2147	TABLERO-01	S 355
2148	2147	2148	TABLERO-01	S 355
2149	2148	2149	TABLERO-01	S 355
2150	2149	2150	TABLERO-01	S 355
2151	2150	2151	TABLERO-01	S 355
2152	2151	2152	TABLERO-01	S 355
2153	2152	2153	TABLERO-01	S 355
2154	2153	2154	TABLERO-01	S 355
2155	2154	2155	TABLERO-01	S 355
2156	2155	2156	TABLERO-01	S 355
2157	2156	2157	TABLERO-01	S 355
2158	2157	2158	TABLERO-ARR	S 355
2159	2158	2159	TABLERO-ARR	S 355
2160	2159	2160	TABLERO-ARR	S 355
2161	2160	2161	TABLERO-ARR	S 355
2162	2161	2162	TABLERO-ARR	S 355
2163	2162	2163	TABLERO-ARR	S 355
2164	2163	2164	TABLERO-ARR	S 355
2165	2164	2165	TABLERO-ARR	S 355
2166	2165	2166	TABLERO-ARR	S 355
2167	2166	2167	TABLERO-ARR	S 355
2168	2167	2168	TABLERO-ARR	S 355
2169	2168	2169	TABLERO-ARR	S 355
2170	2169	2170	TABLERO-ARR	S 355
2171	2170	2171	TABLERO-ARR	S 355
2172	2171	2172	TABLERO-ARR	S 355
2201	2100	2201	ARCO-01	S 355
2202	2201	2202	ARCO-01	S 355
2203	2202	2203	ARCO-01	S 355

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Member	Node 1	Node 2	Section	Material
2204	2203	2204	ARCO-01	S 355
2205	2204	2205	ARCO-01	S 355
2206	2205	2206	ARCO-01	S 355
2207	2206	2207	ARCO-01	S 355
2208	2207	2208	ARCO-01	S 355
2209	2208	2209	ARCO-01	S 355
2210	2209	2210	ARCO-01	S 355
2211	2210	2211	ARCO-01	S 355
2212	2211	2212	ARCO-01	S 355
2213	2212	2213	ARCO-01	S 355
2214	2213	2214	ARCO-01	S 355
2215	2214	2215	ARCO-01	S 355
2216	2215	2216	ARCO-02	S 355
2217	2216	2217	ARCO-02	S 355
2218	2217	2218	ARCO-02	S 355
2219	2218	2219	ARCO-02	S 355
2220	2219	2220	ARCO-02	S 355
2221	2220	2221	ARCO-02	S 355
2222	2221	2222	ARCO-02	S 355
2223	2222	2223	ARCO-02	S 355
2224	2223	2224	ARCO-02	S 355
2225	2224	2225	ARCO-02	S 355
2226	2225	2226	ARCO-02	S 355
2227	2226	2227	ARCO-02	S 355
2228	2227	2228	ARCO-02	S 355
2229	2228	2229	ARCO-02	S 355
2230	2229	2230	ARCO-02	S 355
2231	2230	2231	ARCO-02	S 355
2232	2231	2232	ARCO-02	S 355
2233	2232	2233	ARCO-02	S 355
2234	2233	2234	ARCO-02	S 355
2235	2234	2235	ARCO-02	S 355
2236	2235	2236	ARCO-02	S 355
2237	2236	2237	ARCO-02	S 355
2238	2237	2238	ARCO-02	S 355
2239	2238	2239	ARCO-02	S 355
2240	2239	2240	ARCO-02	S 355
2241	2240	2241	ARCO-02	S 355
2242	2241	2242	ARCO-02	S 355
2243	2242	2243	ARCO-02	S 355
2244	2243	2244	ARCO-02	S 355
2245	2244	2245	ARCO-02	S 355
2246	2245	2246	ARCO-02	S 355
2247	2246	2247	ARCO-02	S 355
2248	2247	2248	ARCO-02	S 355
2249	2248	2249	ARCO-02	S 355
2250	2249	2250	ARCO-02	S 355
2251	2250	2251	ARCO-02	S 355
2252	2251	2252	ARCO-02	S 355
2253	2252	2253	ARCO-02	S 355
2254	2253	2254	ARCO-02	S 355
2255	2254	2255	ARCO-02	S 355

Member	Node 1	Node 2	Section	Material
2256	2255	2256	ARCO-02	S 355
2257	2256	2257	ARCO-02	S 355
2258	2257	2258	ARCO-01	S 355
2259	2258	2259	ARCO-01	S 355
2260	2259	2260	ARCO-01	S 355
2261	2260	2261	ARCO-01	S 355
2262	2261	2262	ARCO-01	S 355
2263	2262	2263	ARCO-01	S 355
2264	2263	2264	ARCO-01	S 355
2265	2264	2265	ARCO-01	S 355
2266	2265	2266	ARCO-01	S 355
2267	2266	2267	ARCO-01	S 355
2268	2267	2268	ARCO-01	S 355
2269	2268	2269	ARCO-01	S 355
2270	2269	2270	ARCO-01	S 355
2271	2270	2271	ARCO-01	S 355
2272	2271	2172	ARCO-01	S 355
2290	2100	2212	ARCO-01	S 355
2291	2212	2218	N/A	S 355
2292	2218	2224	ARCO-02	S 355
2293	2224	2230	ARCO-02	S 355
2294	2230	2236	ARCO-02	S 355
2295	2236	2242	ARCO-02	S 355
2296	2242	2248	ARCO-02	S 355
2297	2248	2254	ARCO-02	S 355
2298	2254	2260	N/A	S 355
2299	2172	2260	ARCO-01	S 355
2301	2206	2106	PEND-TRACC	S 355
2302	2212	2112	PEND-TRACC	S 355
2303	2218	2118	PEND-TRACC	S 355
2304	2224	2124	PEND-TRACC	S 355
2305	2230	2130	PEND-TRACC	S 355
2306	2236	2136	PEND-TRACC	S 355
2307	2242	2142	PEND-TRACC	S 355
2308	2248	2148	PEND-TRACC	S 355
2309	2254	2154	PEND-TRACC	S 355
2310	2260	2160	PEND-TRACC	S 355
2311	2266	2166	PEND-TRACC	S 355
2411	2212	2118	DIAG-TRACC	S 355
2412	2112	2218	DIAG-COMP	S 355
2421	2218	2124	DIAG-TRACC	S 355
2422	2118	2224	DIAG-COMP	S 355
2431	2224	2130	DIAG-TRACC	S 355
2432	2124	2230	DIAG-COMP	S 355
2441	2230	2136	DIAG-TRACC	S 355
2442	2130	2236	DIAG-COMP	S 355
2451	2242	2136	DIAG-TRACC	S 355
2452	2142	2236	DIAG-COMP	S 355
2461	2248	2142	DIAG-TRACC	S 355
2462	2148	2242	DIAG-COMP	S 355
2471	2254	2148	DIAG-TRACC	S 355
2472	2154	2248	DIAG-COMP	S 355

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Member	Node 1	Node 2	Section	Material
2481	2260	2154	DIAG-TRACC	S 355
2482	2160	2254	DIAG-COMP	S 355
3011	3101	1100	VTRANSV-VOL-JUNTA	S 355
3012	1100	2100	VTRANSV-JUNTA	S 355
3013	2100	3201	VTRANSV-VOL-JUNTA	S 355
3031	3103	1106	VTRANSV-VOL-TIPO	S 355
3032	1106	2106	VTRANSV-TIPO	S 355
3033	2106	3203	VTRANSV-VOL-TIPO	S 355
3051	3105	1112	VTRANSV-VOL-TIPO	S 355
3052	1112	2112	VTRANSV-TIPO	S 355
3053	2112	3205	VTRANSV-VOL-TIPO	S 355
3071	3107	1118	VTRANSV-VOL-TIPO	S 355
3072	1118	2118	VTRANSV-TIPO	S 355
3073	2118	3207	VTRANSV-VOL-TIPO	S 355
3091	3109	1124	VTRANSV-VOL-TIPO	S 355
3092	1124	2124	VTRANSV-TIPO	S 355
3093	2124	3209	VTRANSV-VOL-TIPO	S 355
3111	3111	1130	VTRANSV-VOL-TIPO	S 355
3112	1130	2130	VTRANSV-TIPO	S 355
3113	2130	3211	VTRANSV-VOL-TIPO	S 355
3131	3113	1136	VTRANSV-VOL-TIPO	S 355
3132	1136	2136	VTRANSV-TIPO	S 355
3133	2136	3213	VTRANSV-VOL-TIPO	S 355
3151	3115	1142	VTRANSV-VOL-TIPO	S 355
3152	1142	2142	VTRANSV-TIPO	S 355
3153	2142	3215	VTRANSV-VOL-TIPO	S 355
3171	3117	1148	VTRANSV-VOL-TIPO	S 355
3172	1148	2148	VTRANSV-TIPO	S 355
3173	2148	3217	VTRANSV-VOL-TIPO	S 355
3191	3119	1154	VTRANSV-VOL-TIPO	S 355
3192	1154	2154	VTRANSV-TIPO	S 355
3193	2154	3219	VTRANSV-VOL-TIPO	S 355
3211	3121	1160	VTRANSV-VOL-TIPO	S 355
3212	1160	2160	VTRANSV-TIPO	S 355
3213	2160	3221	VTRANSV-VOL-TIPO	S 355
3231	3123	1166	VTRANSV-VOL-TIPO	S 355
3232	1166	2166	VTRANSV-TIPO	S 355
3233	2166	3223	VTRANSV-VOL-TIPO	S 355
3251	3125	1172	VTRANSV-VOL-JUNTA	S 355
3252	1172	2172	VTRANSV-JUNTA	S 355
3253	2172	3225	VTRANSV-VOL-JUNTA	S 355
4101	4001	4003	SHS_160.8	S 355
4102	4003	4005	SHS_160.8	S 355
4103	4005	4007	SHS_160.8	S 355
4104	4007	4009	SHS_160.8	S 355
4105	4009	4011	SHS_160.8	S 355
4106	4011	4013	SHS_160.8	S 355
4107	4013	4015	SHS_160.8	S 355
4108	4015	4017	SHS_160.8	S 355
4109	4017	4019	SHS_160.8	S 355
4110	4019	4021	SHS_160.8	S 355
4111	4021	4023	SHS_160.8	S 355

Member	Node 1	Node 2	Section	Material
4112	4023	4025	SHS_160.8	S 355
4201	4003	1100	SHS_160.8	S 355
4202	2100	4003	SHS_160.8	S 355
4203	4003	1112	SHS_160.8	S 355
4204	2112	4003	SHS_160.8	S 355
4205	4007	1112	SHS_160.8	S 355
4206	2112	4007	SHS_160.8	S 355
4207	4007	1124	SHS_160.8	S 355
4208	2124	4007	SHS_160.8	S 355
4209	4011	1124	SHS_160.8	S 355
4210	2124	4011	SHS_160.8	S 355
4211	4011	1136	SHS_160.8	S 355
4212	2136	4011	SHS_160.8	S 355
4213	4015	1136	SHS_160.8	S 355
4214	2136	4015	SHS_160.8	S 355
4215	4015	1148	SHS_160.8	S 355
4216	2148	4015	SHS_160.8	S 355
4217	4019	1148	SHS_160.8	S 355
4218	2148	4019	SHS_160.8	S 355
4219	4019	1160	SHS_160.8	S 355
4220	2160	4019	SHS_160.8	S 355
4221	4023	1160	SHS_160.8	S 355
4222	2160	4023	SHS_160.8	S 355
4223	4023	1172	SHS_160.8	S 355
4224	2172	4023	SHS_160.8	S 355
5001	1218	2218	ARCO-ARRIOST	S 275
5002	1230	2230	ARCO-ARRIOST	S 275
5003	1242	2242	ARCO-ARRIOST	S 275
5004	1254	2254	ARCO-ARRIOST	S 275
9911	9929	9912	LOSA-HUELLA	C30/37
9912	9912	9913	LOSA-HUELLA	C30/37
9913	9913	9914	LOSA-HUELLA	C30/37
9914	9914	9915	LOSA-HUELLA	C30/37
9915	9915	9916	LOSA-HUELLA	C30/37
9916	9916	9917	LOSA-HUELLA	C30/37
9917	9917	9918	LOSA-HUELLA	C30/37
9921	9932	9922	LOSA-HUELLA	C30/37
9922	9922	9923	LOSA-HUELLA	C30/37
9923	9923	9924	LOSA-HUELLA	C30/37
9924	9924	9925	LOSA-HUELLA	C30/37
9925	9925	9926	LOSA-HUELLA	C30/37
9926	9926	9927	LOSA-HUELLA	C30/37
9927	9927	9928	LOSA-HUELLA	C30/37

Member	Length (m)	Gamma (Rad)	Type
1101	0.595	0.0	DIM_TABLERO
1102	0.595	0.0	DIM_TABLERO
1103	0.596	0.0	DIM_TABLERO
1104	0.595	0.0	DIM_TABLERO
1105	0.595	0.0	DIM_TABLERO
1106	0.595	0.0	DIM_TABLERO
1107	0.599	0.0	DIM_TABLERO
1108	0.598	0.0	DIM_TABLERO

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Member	Length (m)	Gamma (Rad)	Type
1109	0.599	0.0	DIM_TABLERO
1110	0.598	0.0	DIM_TABLERO
1111	0.599	0.0	DIM_TABLERO
1112	0.597	0.0	DIM_TABLERO
1113	0.608	0.0	DIM_TABLERO
1114	0.609	0.0	DIM_TABLERO
1115	0.608	0.0	DIM_TABLERO
1116	0.608	0.0	DIM_TABLERO
1117	0.609	0.0	DIM_TABLERO
1118	0.608	0.0	DIM_TABLERO
1119	0.608	0.0	DIM_TABLERO
1120	0.609	0.0	DIM_TABLERO
1121	0.608	0.0	DIM_TABLERO
1122	0.608	0.0	DIM_TABLERO
1123	0.609	0.0	DIM_TABLERO
1124	0.608	0.0	DIM_TABLERO
1125	0.608	0.0	DIM_TABLERO
1126	0.609	0.0	DIM_TABLERO
1127	0.608	0.0	DIM_TABLERO
1128	0.608	0.0	DIM_TABLERO
1129	0.609	0.0	DIM_TABLERO
1130	0.608	0.0	DIM_TABLERO
1131	0.608	0.0	DIM_TABLERO
1132	0.609	0.0	DIM_TABLERO
1133	0.608	0.0	DIM_TABLERO
1134	0.608	0.0	DIM_TABLERO
1135	0.609	0.0	DIM_TABLERO
1136	0.608	0.0	DIM_TABLERO
1137	0.608	0.0	DIM_TABLERO
1138	0.609	0.0	DIM_TABLERO
1139	0.608	0.0	DIM_TABLERO
1140	0.608	0.0	DIM_TABLERO
1141	0.609	0.0	DIM_TABLERO
1142	0.608	0.0	DIM_TABLERO
1143	0.608	0.0	DIM_TABLERO
1144	0.609	0.0	DIM_TABLERO
1145	0.608	0.0	DIM_TABLERO
1146	0.608	0.0	DIM_TABLERO
1147	0.609	0.0	DIM_TABLERO
1148	0.608	0.0	DIM_TABLERO
1149	0.608	0.0	DIM_TABLERO
1150	0.609	0.0	DIM_TABLERO
1151	0.608	0.0	DIM_TABLERO
1152	0.608	0.0	DIM_TABLERO
1153	0.609	0.0	DIM_TABLERO
1154	0.608	0.0	DIM_TABLERO
1155	0.608	0.0	DIM_TABLERO
1156	0.609	0.0	DIM_TABLERO
1157	0.608	0.0	DIM_TABLERO
1158	0.608	0.0	DIM_TABLERO
1159	0.609	0.0	DIM_TABLERO
1160	0.608	0.0	DIM_TABLERO

Member	Length (m)	Gamma (Rad)	Type
1161	0.597	0.0	DIM_TABLERO
1162	0.599	0.0	DIM_TABLERO
1163	0.598	0.0	DIM_TABLERO
1164	0.599	0.0	DIM_TABLERO
1165	0.598	0.0	DIM_TABLERO
1166	0.599	0.0	DIM_TABLERO
1167	0.595	0.0	DIM_TABLERO
1168	0.595	0.0	DIM_TABLERO
1169	0.595	0.0	DIM_TABLERO
1170	0.596	0.0	DIM_TABLERO
1171	0.595	0.0	DIM_TABLERO
1172	0.595	0.0	DIM_TABLERO
1201	0.773	0.0	DIM_ARCO-01
1202	0.759	0.0	DIM_ARCO-01
1203	0.747	0.0	DIM_ARCO-01
1204	0.734	0.0	DIM_ARCO-01
1205	0.722	0.0	DIM_ARCO-01
1206	0.712	0.0	DIM_ARCO-01
1207	0.707	0.0	DIM_ARCO-01
1208	0.697	0.0	DIM_ARCO-01
1209	0.690	0.0	DIM_ARCO-01
1210	0.681	0.0	DIM_ARCO-01
1211	0.674	0.0	DIM_ARCO-01
1212	0.667	0.0	DIM_ARCO-01
1213	0.672	0.0	DIM_ARCO-02
1214	0.667	0.0	DIM_ARCO-02
1215	0.660	0.0	DIM_ARCO-02
1216	0.655	0.0	DIM_ARCO-02
1217	0.651	0.0	DIM_ARCO-02
1218	0.646	0.0	DIM_ARCO-02
1219	0.641	0.0	DIM_ARCO-03
1220	0.638	0.0	DIM_ARCO-03
1221	0.634	0.0	DIM_ARCO-03
1222	0.630	0.0	DIM_ARCO-03
1223	0.628	0.0	DIM_ARCO-03
1224	0.624	0.0	DIM_ARCO-03
1225	0.622	0.0	DIM_ARCO-04
1226	0.621	0.0	DIM_ARCO-04
1227	0.617	0.0	DIM_ARCO-04
1228	0.615	0.0	DIM_ARCO-04
1229	0.615	0.0	DIM_ARCO-04
1230	0.612	0.0	DIM_ARCO-04
1231	0.611	0.0	DIM_ARCO-05
1232	0.611	0.0	DIM_ARCO-05
1233	0.609	0.0	DIM_ARCO-05
1234	0.609	0.0	DIM_ARCO-05
1235	0.609	0.0	DIM_ARCO-05
1236	0.608	0.0	DIM_ARCO-05
1237	0.608	0.0	DIM_ARCO-05
1238	0.609	0.0	DIM_ARCO-05
1239	0.609	0.0	DIM_ARCO-05
1240	0.609	0.0	DIM_ARCO-05

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Member	Length (m)	Gamma (Rad)	Type
1241	0.611	0.0	DIM_ARCO-05
1242	0.611	0.0	DIM_ARCO-05
1243	0.612	0.0	DIM_ARCO-04
1244	0.615	0.0	DIM_ARCO-04
1245	0.615	0.0	DIM_ARCO-04
1246	0.617	0.0	DIM_ARCO-04
1247	0.621	0.0	DIM_ARCO-04
1248	0.622	0.0	DIM_ARCO-04
1249	0.624	0.0	DIM_ARCO-03
1250	0.628	0.0	DIM_ARCO-03
1251	0.630	0.0	DIM_ARCO-03
1252	0.634	0.0	DIM_ARCO-03
1253	0.638	0.0	DIM_ARCO-03
1254	0.641	0.0	DIM_ARCO-03
1255	0.646	0.0	DIM_ARCO-02
1256	0.651	0.0	DIM_ARCO-02
1257	0.655	0.0	DIM_ARCO-02
1258	0.660	0.0	DIM_ARCO-02
1259	0.667	0.0	DIM_ARCO-02
1260	0.672	0.0	DIM_ARCO-02
1261	0.667	0.0	DIM_ARCO-01
1262	0.674	0.0	DIM_ARCO-01
1263	0.681	0.0	DIM_ARCO-01
1264	0.690	0.0	DIM_ARCO-01
1265	0.697	0.0	DIM_ARCO-01
1266	0.707	0.0	DIM_ARCO-01
1267	0.712	0.0	DIM_ARCO-01
1268	0.722	0.0	DIM_ARCO-01
1269	0.734	0.0	DIM_ARCO-01
1270	0.747	0.0	DIM_ARCO-01
1271	0.759	0.0	DIM_ARCO-01
1272	0.773	0.0	DIM_ARCO-01
1290	8.564	0.0	DIM_ARCO-01
1291	3.951	0.0	DIM_ARCO-02
1292	3.796	0.0	DIM_ARCO-03
1293	3.702	0.0	DIM_ARCO-04
1294	3.657	0.0	DIM_ARCO-05
1295	3.657	0.0	DIM_ARCO-05
1296	3.702	0.0	DIM_ARCO-04
1297	3.796	0.0	DIM_ARCO-03
1298	3.951	0.0	DIM_ARCO-02
1299	8.564	0.0	DIM_ARCO-01
1301	2.467	0.0	DIM_PEND
1302	4.329	0.0	DIM_PEND
1303	5.713	0.0	DIM_PEND
1304	6.660	0.0	DIM_PEND
1305	7.214	0.0	DIM_PEND
1306	7.390	0.0	DIM_PEND
1307	7.208	0.0	DIM_PEND
1308	6.660	0.0	DIM_PEND
1309	5.713	0.0	DIM_PEND
1310	4.329	0.0	DIM_PEND

Member	Length (m)	Gamma (Rad)	Type
1311	2.467	0.0	DIM_PEND
1411	5.568	0.0	DIM_DIAG-01
1412	6.884	0.0	DIM_DIAG-02
1421	6.705	0.0	DIM_DIAG-03
1422	7.672	0.0	DIM_DIAG-04
1431	7.549	0.0	DIM_DIAG-05
1432	8.131	0.0	DIM_DIAG-06
1441	8.069	0.0	DIM_DIAG-07
1442	8.258	0.0	DIM_DIAG-08
1451	8.069	0.0	DIM_DIAG-07
1452	8.253	0.0	DIM_DIAG-08
1461	7.544	0.0	DIM_DIAG-05
1462	8.131	0.0	DIM_DIAG-06
1471	6.705	0.0	DIM_DIAG-03
1472	7.672	0.0	DIM_DIAG-04
1481	5.568	0.0	DIM_DIAG-01
1482	6.884	0.0	DIM_DIAG-02
2101	0.595	0.0	DIM_TABLERO
2102	0.595	0.0	DIM_TABLERO
2103	0.596	0.0	DIM_TABLERO
2104	0.595	0.0	DIM_TABLERO
2105	0.595	0.0	DIM_TABLERO
2106	0.595	0.0	DIM_TABLERO
2107	0.599	0.0	DIM_TABLERO
2108	0.598	0.0	DIM_TABLERO
2109	0.599	0.0	DIM_TABLERO
2110	0.598	0.0	DIM_TABLERO
2111	0.599	0.0	DIM_TABLERO
2112	0.597	0.0	DIM_TABLERO
2113	0.608	0.0	DIM_TABLERO
2114	0.609	0.0	DIM_TABLERO
2115	0.608	0.0	DIM_TABLERO
2116	0.608	0.0	DIM_TABLERO
2117	0.609	0.0	DIM_TABLERO
2118	0.608	0.0	DIM_TABLERO
2119	0.608	0.0	DIM_TABLERO
2120	0.609	0.0	DIM_TABLERO
2121	0.608	0.0	DIM_TABLERO
2122	0.608	0.0	DIM_TABLERO
2123	0.609	0.0	DIM_TABLERO
2124	0.608	0.0	DIM_TABLERO
2125	0.608	0.0	DIM_TABLERO
2126	0.609	0.0	DIM_TABLERO
2127	0.608	0.0	DIM_TABLERO
2128	0.608	0.0	DIM_TABLERO
2129	0.609	0.0	DIM_TABLERO
2130	0.608	0.0	DIM_TABLERO
2131	0.608	0.0	DIM_TABLERO
2132	0.609	0.0	DIM_TABLERO
2133	0.608	0.0	DIM_TABLERO
2134	0.608	0.0	DIM_TABLERO
2135	0.609	0.0	DIM_TABLERO

Member	Length (m)	Gamma (Rad)	Type
2136	0.608	0.0	DIM_TABLERO
2137	0.608	0.0	DIM_TABLERO
2138	0.609	0.0	DIM_TABLERO
2139	0.608	0.0	DIM_TABLERO
2140	0.608	0.0	DIM_TABLERO
2141	0.609	0.0	DIM_TABLERO
2142	0.608	0.0	DIM_TABLERO
2143	0.608	0.0	DIM_TABLERO
2144	0.609	0.0	DIM_TABLERO
2145	0.608	0.0	DIM_TABLERO
2146	0.608	0.0	DIM_TABLERO
2147	0.609	0.0	DIM_TABLERO
2148	0.608	0.0	DIM_TABLERO
2149	0.608	0.0	DIM_TABLERO
2150	0.609	0.0	DIM_TABLERO
2151	0.608	0.0	DIM_TABLERO
2152	0.608	0.0	DIM_TABLERO
2153	0.609	0.0	DIM_TABLERO
2154	0.608	0.0	DIM_TABLERO
2155	0.608	0.0	DIM_TABLERO
2156	0.609	0.0	DIM_TABLERO
2157	0.608	0.0	DIM_TABLERO
2158	0.608	0.0	DIM_TABLERO
2159	0.609	0.0	DIM_TABLERO
2160	0.608	0.0	DIM_TABLERO
2161	0.597	0.0	DIM_TABLERO
2162	0.599	0.0	DIM_TABLERO
2163	0.598	0.0	DIM_TABLERO
2164	0.599	0.0	DIM_TABLERO
2165	0.598	0.0	DIM_TABLERO
2166	0.599	0.0	DIM_TABLERO
2167	0.595	0.0	DIM_TABLERO
2168	0.595	0.0	DIM_TABLERO
2169	0.595	0.0	DIM_TABLERO
2170	0.596	0.0	DIM_TABLERO
2171	0.595	0.0	DIM_TABLERO
2172	0.595	0.0	DIM_TABLERO
2201	0.773	0.0	DIM_ARCO-01
2202	0.759	0.0	DIM_ARCO-01
2203	0.747	0.0	DIM_ARCO-01
2204	0.734	0.0	DIM_ARCO-01
2205	0.722	0.0	DIM_ARCO-01
2206	0.712	0.0	DIM_ARCO-01
2207	0.707	0.0	DIM_ARCO-01
2208	0.697	0.0	DIM_ARCO-01
2209	0.690	0.0	DIM_ARCO-01
2210	0.681	0.0	DIM_ARCO-01
2211	0.674	0.0	DIM_ARCO-01
2212	0.667	0.0	DIM_ARCO-01
2213	0.672	0.0	DIM_ARCO-02
2214	0.667	0.0	DIM_ARCO-02
2215	0.660	0.0	DIM_ARCO-02

Member	Length (m)	Gamma (Rad)	Type
2216	0.655	0.0	DIM_ARCO-02
2217	0.651	0.0	DIM_ARCO-02
2218	0.646	0.0	DIM_ARCO-02
2219	0.641	0.0	DIM_ARCO-03
2220	0.638	0.0	DIM_ARCO-03
2221	0.634	0.0	DIM_ARCO-03
2222	0.630	0.0	DIM_ARCO-03
2223	0.628	0.0	DIM_ARCO-03
2224	0.624	0.0	DIM_ARCO-03
2225	0.622	0.0	DIM_ARCO-04
2226	0.621	0.0	DIM_ARCO-04
2227	0.617	0.0	DIM_ARCO-04
2228	0.615	0.0	DIM_ARCO-04
2229	0.615	0.0	DIM_ARCO-04
2230	0.612	0.0	DIM_ARCO-04
2231	0.611	0.0	DIM_ARCO-05
2232	0.611	0.0	DIM_ARCO-05
2233	0.609	0.0	DIM_ARCO-05
2234	0.609	0.0	DIM_ARCO-05
2235	0.609	0.0	DIM_ARCO-05
2236	0.608	0.0	DIM_ARCO-05
2237	0.608	0.0	DIM_ARCO-05
2238	0.609	0.0	DIM_ARCO-05
2239	0.609	0.0	DIM_ARCO-05
2240	0.609	0.0	DIM_ARCO-05
2241	0.611	0.0	DIM_ARCO-05
2242	0.611	0.0	DIM_ARCO-05
2243	0.612	0.0	DIM_ARCO-04
2244	0.615	0.0	DIM_ARCO-04
2245	0.615	0.0	DIM_ARCO-04
2246	0.617	0.0	DIM_ARCO-04
2247	0.621	0.0	DIM_ARCO-04
2248	0.622	0.0	DIM_ARCO-04
2249	0.624	0.0	DIM_ARCO-03
2250	0.628	0.0	DIM_ARCO-03
2251	0.630	0.0	DIM_ARCO-03
2252	0.634	0.0	DIM_ARCO-03
2253	0.638	0.0	DIM_ARCO-03
2254	0.641	0.0	DIM_ARCO-03
2255	0.646	0.0	DIM_ARCO-02
2256	0.651	0.0	DIM_ARCO-02
2257	0.655	0.0	DIM_ARCO-02
2258	0.660	0.0	DIM_ARCO-02
2259	0.667	0.0	DIM_ARCO-02
2260	0.672	0.0	DIM_ARCO-02
2261	0.667	0.0	DIM_ARCO-01
2262	0.674	0.0	DIM_ARCO-01
2263	0.681	0.0	DIM_ARCO-01
2264	0.690	0.0	DIM_ARCO-01
2265	0.697	0.0	DIM_ARCO-01
2266	0.707	0.0	DIM_ARCO-01
2267	0.712	0.0	DIM_ARCO-01

Member	Length (m)	Gamma (Rad)	Type
2268	0.722	0.0	DIM_ARCO-01
2269	0.734	0.0	DIM_ARCO-01
2270	0.747	0.0	DIM_ARCO-01
2271	0.759	0.0	DIM_ARCO-01
2272	0.773	0.0	DIM_ARCO-01
2290	8.564	0.0	DIM_ARCO-01
2291	3.951	0.0	DIM_ARCO-02
2292	3.796	0.0	DIM_ARCO-03
2293	3.702	0.0	DIM_ARCO-04
2294	3.657	0.0	DIM_ARCO-05
2295	3.657	0.0	DIM_ARCO-05
2296	3.702	0.0	DIM_ARCO-04
2297	3.796	0.0	DIM_ARCO-03
2298	3.951	0.0	DIM_ARCO-02
2299	8.564	0.0	DIM_ARCO-01
2301	2.467	0.0	DIM_PEND
2302	4.329	0.0	DIM_PEND
2303	5.713	0.0	DIM_PEND
2304	6.660	0.0	DIM_PEND
2305	7.214	0.0	DIM_PEND
2306	7.390	0.0	DIM_PEND
2307	7.208	0.0	DIM_PEND
2308	6.660	0.0	DIM_PEND
2309	5.713	0.0	DIM_PEND
2310	4.329	0.0	DIM_PEND
2311	2.467	0.0	DIM_PEND
2411	5.568	0.0	DIM_DIAG-01
2412	6.884	0.0	DIM_DIAG-02
2421	6.705	0.0	DIM_DIAG-03
2422	7.672	0.0	DIM_DIAG-04
2431	7.549	0.0	DIM_DIAG-05
2432	8.131	0.0	DIM_DIAG-06
2441	8.069	0.0	DIM_DIAG-07
2442	8.258	0.0	DIM_DIAG-08
2451	8.069	0.0	DIM_DIAG-07
2452	8.253	0.0	DIM_DIAG-08
2461	7.544	0.0	DIM_DIAG-05
2462	8.131	0.0	DIM_DIAG-06
2471	6.705	0.0	DIM_DIAG-03
2472	7.672	0.0	DIM_DIAG-04
2481	5.568	0.0	DIM_DIAG-01
2482	6.884	0.0	DIM_DIAG-02
3011	3.000	0.0	N/A
3012	9.000	0.0	N/A
3013	3.000	0.0	N/A
3031	3.000	0.0	N/A
3032	9.000	0.0	N/A
3033	3.000	0.0	N/A
3051	3.000	0.0	N/A
3052	9.000	0.0	N/A
3053	3.000	0.0	N/A
3071	3.000	0.0	N/A

Member	Length (m)	Gamma (Rad)	Type
3072	9.000	0.0	N/A
3073	3.000	0.0	N/A
3091	3.000	0.0	N/A
3092	9.000	0.0	N/A
3093	3.000	0.0	N/A
3111	3.000	0.0	N/A
3112	9.000	0.0	N/A
3113	3.000	0.0	N/A
3131	3.000	0.0	N/A
3132	9.000	0.0	N/A
3133	3.000	0.0	N/A
3151	3.000	0.0	N/A
3152	9.000	0.0	N/A
3153	3.000	0.0	N/A
3171	3.000	0.0	N/A
3172	9.000	0.0	N/A
3173	3.000	0.0	N/A
3191	3.000	0.0	N/A
3192	9.000	0.0	N/A
3193	3.000	0.0	N/A
3211	3.000	0.0	N/A
3212	9.000	0.0	N/A
3213	3.000	0.0	N/A
3231	3.000	0.0	N/A
3232	9.000	0.0	N/A
3233	3.000	0.0	N/A
3251	3.000	0.0	N/A
3252	9.000	0.0	N/A
3253	3.000	0.0	N/A
4101	3.570	0.0	DIM_TAB-ARRX
4102	3.588	0.0	DIM_TAB-ARRX
4103	3.652	0.0	DIM_TAB-ARRX
4104	3.651	0.0	DIM_TAB-ARRX
4105	3.650	0.0	DIM_TAB-ARRX
4106	3.650	0.0	DIM_TAB-ARRX
4107	3.650	0.0	DIM_TAB-ARRX
4108	3.650	0.0	DIM_TAB-ARRX
4109	3.651	0.0	DIM_TAB-ARRX
4110	3.652	0.0	DIM_TAB-ARRX
4111	3.588	0.0	DIM_TAB-ARRX
4112	3.570	0.0	DIM_TAB-ARRX
4201	5.744	0.0	DIM_TAB-ARRX
4202	5.744	0.0	DIM_TAB-ARRX
4203	5.756	0.0	DIM_TAB-ARRX
4204	5.756	0.0	DIM_TAB-ARRX
4205	5.796	0.0	DIM_TAB-ARRX
4206	5.796	0.0	DIM_TAB-ARRX
4207	5.795	0.0	DIM_TAB-ARRX
4208	5.795	0.0	DIM_TAB-ARRX
4209	5.794	0.0	DIM_TAB-ARRX
4210	5.794	0.0	DIM_TAB-ARRX
4211	5.794	0.0	DIM_TAB-ARRX

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Member	Length (m)	Gamma (Rad)	Type
4212	5.794	0.0	DIM_TAB-ARRX
4213	5.794	0.0	DIM_TAB-ARRX
4214	5.794	0.0	DIM_TAB-ARRX
4215	5.794	0.0	DIM_TAB-ARRX
4216	5.794	0.0	DIM_TAB-ARRX
4217	5.795	0.0	DIM_TAB-ARRX
4218	5.795	0.0	DIM_TAB-ARRX
4219	5.796	0.0	DIM_TAB-ARRX
4220	5.796	0.0	DIM_TAB-ARRX
4221	5.756	0.0	DIM_TAB-ARRX
4222	5.756	0.0	DIM_TAB-ARRX
4223	5.744	0.0	DIM_TAB-ARRX
4224	5.744	0.0	DIM_TAB-ARRX
5001	9.000	0.0	DIM_ARCO-ARRIOSTRAM
5002	9.000	0.0	DIM_ARCO-ARRIOSTRAM
5003	9.000	0.0	DIM_ARCO-ARRIOSTRAM
5004	9.000	0.0	DIM_ARCO-ARRIOSTRAM
9911	3.559	0.0	N/A
9912	3.588	0.0	N/A
9913	3.652	0.0	N/A
9914	3.651	0.0	N/A
9915	3.650	0.0	N/A
9916	3.650	0.0	N/A
9917	3.650	0.0	N/A
9921	3.559	0.0	N/A
9922	3.588	0.0	N/A
9923	3.652	0.0	N/A
9924	3.651	0.0	N/A
9925	3.650	0.0	N/A
9926	3.650	0.0	N/A
9927	3.650	0.0	N/A

Data - Sections

Section name	Member list	AX (cm2)
TABLERO-ARR	1101to1115 1158to1172 2101to2115 2158to2172	355.0
PEND-TRACC	1301to1311 2301to2311	42.2
DIAG-TRACC	1411to1481By10 2411to2481By10	48.0
DIAG-COMP	1412to1482By10 2412to2482By10	63.7
TABLERO-01	1116to1157 2116to2157	285.2
ARCO-01	1201to1215 1258to1272 1290 1291 1298 1299 2-201to2215 2258to2272 2290 2291 2298 2299	445.0
ARCO-02	1216to1257 1291to1298 2216to2257 2291to2298	358.4
VTRANSV-VOL-TIPO	3031to3231By20 3033to3233By20	195.2
LOSA-HUELLA	9911to9917 9921to9927	4250.0
VTRANSV-TIPO	3032to3232By20	231.2
VTRANSV-JUNTA	3012 3252	287.5
ARCO-ARRIOST	5001to5004	265.5
VTRANSV-VOL-JUNTA	3011 3013 3251 3253	242.5
SHS_160.8	4101to4112 4201to4224	48.6

Section name	AY (cm2)	AZ (cm2)	IX (cm4)
TABLERO-ARR	250.0	105.0	582.1
PEND-TRACC	22.4	22.4	1840.0
DIAG-TRACC	24.0	28.0	1704.1
DIAG-COMP	35.0	35.0	2590.8
TABLERO-01	200.0	85.2	300.4
ARCO-01	250.0	210.0	332839.7
ARCO-02	200.0	168.0	271672.2
VTRANSV-VOL-TIPO	140.0	55.2	206.0
LOSA-HUELLA	3541.7	3541.7	803355.4
VTRANSV-TIPO	140.0	91.2	223.3
VTRANSV-JUNTA	175.0	112.5	431.5
ARCO-ARRIOST	127.5	147.0	128568.0
VTRANSV-VOL-JUNTA	175.0	67.5	397.7
SHS_160.8	25.6	25.6	2809.4

Section name	IY (cm4)	IZ (cm4)
TABLERO-ARR	371520.8	52103.0
PEND-TRACC	1231.2	1231.2
DIAG-TRACC	1304.0	1016.0
DIAG-COMP	1743.8	1743.8
TABLERO-01	302307.8	41676.9
ARCO-01	353552.1	166792.1
ARCO-02	288765.9	135990.7
VTRANSV-VOL-TIPO	90420.3	14298.3
LOSA-HUELLA	221354.2	10235416.7
VTRANSV-TIPO	256884.3	14302.6
VTRANSV-JUNTA	315599.0	17885.7
ARCO-ARRIOST	96275.9	77211.8
VTRANSV-VOL-JUNTA	110192.7	17877.2
SHS_160.8	1878.2	1878.2

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Data - Materials

	Material	E (MPa)	G (MPa)	NI	LX (1/°C)	RO (kN/m3)	Re (MPa)
1	S 275	210000.00	81000.00	0.30	0.0	77.0	275.00
2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	S 355	210000.00	81000.00	0.30	0.0	77.0	355.00

Data - Supports

Support name	List of nodes	List of edges	List of objects	Support conditions
APO-01	1100 2100			UX UY UZ
APO-02	1172 2172			UY UZ

Loads - Cases

Case	Label	Case name
1001	1001	PP_EM
1002	1002	W_Losa-PLAT
1003	1003	W_Losa-ACERAS
2001	2001	CMpav
2002	2002	CMaceras
2003	2003	CMbarrera
2004	2004	CMbarandilla
3000	3000	SCservicios
4000	4000	SCtotal
4001	4001	SC-01
4002	4002	SC-02
4003	4003	SC-03
4004	4004	SC-04
4005	4005	SC-05
4006	4006	SC-06
4007	4007	SC-07
4008	4008	SC-08
4009	4009	SC-09
4010	4010	SC-10
4011	4011	SC-11
4012	4012	SC-12
4013	4013	SC-13
4014	4014	SC-14
4015	4015	SC-15
4100	4100	SCpeattot
4101	4101	SCpeat-01
4102	4102	SCpeat-02
4103	4103	SCpeat-03
4104	4104	SCpeat-04
4105	4105	SCpeat-05
4106	4106	SCpeat-06
4107	4107	SCpeat-07
4108	4108	SCpeat-08
4109	4109	SCpeat-09
4110	4110	SCpeat-10
4111	4111	SCpeat-11
4112	4112	SCpeat-12
4113	4113	SCpeat-13
4114	4114	SCpeat-14
4115	4115	SCpeat-15
5000	5000	FRENADO
5001	5001	CA-01
5002	5002	CA-02
5003	5003	CA-03
5004	5004	CA-04
5005	5005	CA-05
5006	5006	CA-06
5007	5007	CA-07

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Case	Label	Case name
6011	6011	TEMP(+)
6012	6012	TEMP(-)
6021	6021	GTEMP(+)
6022	6022	GTEMP(-)
6101	6101	TEMP-01
6102	6102	TEMP-02
6103	6103	TEMP-03
6104	6104	TEMP-04
6105	6105	TEMP-05
6106	6106	TEMP-06
6107	6107	TEMP-07
6108	6108	TEMP-08
7001	7001	Wtr SC(+)
7002	7002	Wtr SC(-)
7003	7003	Wlon SC(+)
7004	7004	Wlon SC(-)
7011	7011	Wtr DOM(+)
7012	7012	Wtr DOM(-)
7013	7013	Wlon DOM(+)
7014	7014	Wlon DOM(-)
9001	9001	CPERMmin
9002	9002	CPERMmax
9100	9100	ELU-BUCK_QTOT
9101	9101	ELU-BUCK_01
9102	9102	ELU-BUCK_02
9103	9103	ELU-BUCK_03
9104	9104	ELU-BUCK_04
10001		10001
10002		10002
10003		10003
10004		10004
10005		10005
10006		10006
10007		10007
10008		10008
10009		10009
10010		10010
10011		10011
10012		10012
10013		10013
10014		10014
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10024		10024
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Case	Label	Case name
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10027		10027
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10077		10077

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Case	Label	Case name
10078		10078
10079		10079
10080		10080
10081		10081
10082		10082
10083		10083
10084		10084
10085		10085
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Case	Label	Case name
10130		10130
10131		10131
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Case	Label	Case name
10182		10182
10183		10183
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10224		10224
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10230		10230
10231		10231
10232		10232
10233		10233

Case	Label	Case name
10234		10234
10235		10235
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
10494		10494
10495		10495
10496		10496
10497		10497
10498		10498
10499		10499
10500		10500
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10543		10543
10544		10544
10545		10545

Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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11009		11113
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11012		11116
11013		11117

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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
11534		11638
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Case	Label	Case name
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Case	Label	Case name
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11678		11782
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Case	Label	Case name
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Case	Label	Case name
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11792		11896
11793		11897

Case	Label	Case name
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11795		11899
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11798		11902
11799		11903
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Case	Label	Case name
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11897		12001

Case	Label	Case name
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11949		12053

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Case	Label	Case name
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11968		12072
11969		12073
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11999		12103
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12001		12105

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12003		12107
12004		12108
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12006		12110
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12009		12113
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12053		12157

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Case	Label	Case name
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12059		12163
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12062		12166
12063		12167
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12065		12169
12066		12170
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12068		12172
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12070		12174
12071		12175
12072		12176
12073		12177
12074		12178
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12076		12180
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12078		12182
12079		12183
12080		12184
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12082		12186
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12105		12209

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12107		12211
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12118		12222
12119		12223
12120		12224
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12123		12227
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12157		12261

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Case	Label	Case name
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12209		12313

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12256		12360
12257		12361
12258		12362
12259		12363
12260		12364
12261		12365

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Case	Label	Case name
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12264		12368
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12313		12417

Case	Label	Case name
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12360		12464
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12364		12468
12365		12469

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Case	Label	Case name
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12417		12521

Case	Label	Case name
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12463		12567
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12465		12569
12466		12570
12467		12571
12468		12572
12469		12573

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Case	Label	Case name
12470		12574
12471		12575
12472		12576
12473		12577
12474		12578
12475		12579
12476		12580
12477		12581
12478		12582
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12480		12584
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12483		12587
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12485		12589
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Case	Label	Case name
12522		12626
12523		12627
12524		12628
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12526		12630
12527		12631
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12573		12677

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Case	Label	Case name
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12576		12680
12577		12681
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12587		12691
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12594		12698
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12598		12702
12599		12703
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12624		12728
12625		12729

Case	Label	Case name
12626		12730
12627		12731
12628		12732
12629		12733
12630		12734
12631		12735
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12650		12754
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12659		12763
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12661		12765
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12663		12767
12664		12768
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12667		12771
12668		12772
12669		12773
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12671		12775
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12673		12777
12674		12778
12675		12779
12676		12780
12677		12781

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Case	Label	Case name
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12681		12785
12682		12786
12683		12787
12684		12788
12685		12789
12686		12790
12687		12791
12688		12792
12689		13001
12690		13002
12691		13003
12692		13004
12693		13005
12694		13006
12695		13007
12696		13008
12697		13009
12698		13010
12699		13011
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12704		13016
12705		13017
12706		13018
12707		13019
12708		13020
12709		13021
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12711		13023
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12713		13025
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12724		13036
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12726		13038
12727		13039
12728		13040
12729		13041

Case	Label	Case name
12730		13042
12731		13043
12732		13044
12733		13045
12734		13046
12735		13047
12736		13048
12737		13049
12738		13050
12739		13051
12740		13052
12741		13053
12742		13054
12743		13055
12744		13056
12745		13057
12746		13058
12747		13059
12748		13060
12749		13061
12750		13062
12751		13063
12752		13064
12753		13065
12754		13066
12755		13067
12756		13068
12757		13069
12758		13070
12759		13071
12760		13072
12761		13073
12762		13074
12763		13075
12764		13076
12765		13077
12766		13078
12767		13079
12768		13080
12769		13081
12770		13082
12771		13083
12772		13084
12773		13085
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12775		13087
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12777		13089
12778		13090
12779		13091
12780		13092
12781		13093

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Case	Label	Case name
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12784		13096
12785		13097
12786		13098
12787		13099
12788		13100
12789		13101
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12791		13103
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12793		13105
12794		13106
12795		13107
12796		13108
12797		13109
12798		13110
12799		13111
12800		13112
12801		13113
12802		13114
12803		13115
12804		13116
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12809		13121
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12825		13137
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12827		13139
12828		13140
12829		13141
12830		13142
12831		13143
12832		13144
12833		13145

Case	Label	Case name
12834		13146
12835		13147
12836		13148
12837		13149
12838		13150
12839		13151
12840		13152
12841		13153
12842		13154
12843		13155
12844		13156
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12846		13158
12847		13159
12848		13160
12849		13161
12850		13162
12851		13163
12852		13164
12853		13165
12854		13166
12855		13167
12856		13168
12857		13169
12858		13170
12859		13171
12860		13172
12861		13173
12862		13174
12863		13175
12864		13176
12865		13177
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12885		13197

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Case	Label	Case name
12886		13198
12887		13199
12888		13200
12889		13201
12890		13202
12891		13203
12892		13204
12893		13205
12894		13206
12895		13207
12896		13208
12897		13209
12898		13210
12899		13211
12900		13212
12901		13213
12902		13214
12903		13215
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12905		13217
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12907		13219
12908		13220
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12911		13223
12912		13224
12913		13225
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12915		13227
12916		13228
12917		13229
12918		13230
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12923		13235
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12935		13247
12936		13248
12937		13249

Case	Label	Case name
12938		13250
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12942		13254
12943		13255
12944		13256
12945		13257
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12947		13259
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12950		13262
12951		13263
12952		13264
12953		13265
12954		13266
12955		13267
12956		13268
12957		13269
12958		13270
12959		13271
12960		13272
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12964		13276
12965		13277
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12973		13285
12974		13286
12975		13287
12976		13288
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12980		13292
12981		13293
12982		13294
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12988		13300
12989		13301

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Case	Label	Case name
12990		13302
12991		13303
12992		13304
12993		13305
12994		13306
12995		13307
12996		13308
12997		13309
12998		13310
12999		13311
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13001		13313
13002		13314
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13005		13317
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13007		13319
13008		13320
13009		13321
13010		13322
13011		13323
13012		13324
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13014		13326
13015		13327
13016		13328
13017		13329
13018		13330
13019		13331
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13022		13334
13023		13335
13024		13336
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13031		13343
13032		13344
13033		13345
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13037		13349
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13039		13351
13040		13352
13041		13353

Case	Label	Case name
13042		13354
13043		13355
13044		13356
13045		13357
13046		13358
13047		13359
13048		13360
13049		13361
13050		13362
13051		13363
13052		13364
13053		13365
13054		13366
13055		13367
13056		13368
13057		13369
13058		13370
13059		13371
13060		13372
13061		13373
13062		13374
13063		13375
13064		13376
13065		13377
13066		13378
13067		13379
13068		13380
13069		13381
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13071		13383
13072		13384
13073		13385
13074		13386
13075		13387
13076		13388
13077		13389
13078		13390
13079		13391
13080		13392
13081		13393
13082		13394
13083		13395
13084		13396
13085		13397
13086		13398
13087		13399
13088		13400
13089		13401
13090		13402
13091		13403
13092		13404
13093		13405

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Case	Label	Case name
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13095		13407
13096		13408
13097		13409
13098		13410
13099		13411
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13101		13413
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13131		13443
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13133		13445
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13141		13453
13142		13454
13143		13455
13144		13456
13145		13457

Case	Label	Case name
13146		13458
13147		13459
13148		13460
13149		13461
13150		13462
13151		13463
13152		13464
13153		13465
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13155		13467
13156		13468
13157		13469
13158		13470
13159		13471
13160		13472
13161		13473
13162		13474
13163		13475
13164		13476
13165		13477
13166		13478
13167		13479
13168		13480
13169		13481
13170		13482
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13172		13484
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13187		13499
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13190		13502
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13192		13504
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13197		13509

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Case	Label	Case name
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13201		13513
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13227		13539
13228		13540
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13231		13543
13232		13544
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13242		13554
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13244		13556
13245		13557
13246		13558
13247		13559
13248		13560
13249		13561

Case	Label	Case name
13250		13562
13251		13563
13252		13564
13253		13565
13254		13566
13255		13567
13256		13568
13257		13569
13258		13570
13259		13571
13260		13572
13261		13573
13262		13574
13263		13575
13264		13576
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13270		13582
13271		13583
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13288		13600
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13293		13605
13294		13606
13295		13607
13296		13608
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13298		13610
13299		13611
13300		13612
13301		13613

Case	Label	Case name
13302		13614
13303		13615
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13322		13634
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13338		13650
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13345		13657
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13347		13659
13348		13660
13349		13661
13350		13662
13351		13663
13352		13664
13353		13665

Case	Label	Case name
13354		13666
13355		13667
13356		13668
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13358		13670
13359		13671
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13361		13673
13362		13674
13363		13675
13364		13676
13365		13677
13366		13678
13367		13679
13368		13680
13369		13681
13370		13682
13371		13683
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13373		13685
13374		13686
13375		13687
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13377		13689
13378		13690
13379		13691
13380		13692
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13386		13698
13387		13699
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13399		13711
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13401		13713
13402		13714
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13404		13716
13405		13717

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Case	Label	Case name
13406		13718
13407		13719
13408		13720
13409		13721
13410		13722
13411		13723
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13439		13751
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13443		13755
13444		13756
13445		13757
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13449		13761
13450		13762
13451		13763
13452		13764
13453		13765
13454		13766
13455		13767
13456		13768
13457		13769

Case	Label	Case name
13458		13770
13459		13771
13460		13772
13461		13773
13462		13774
13463		13775
13464		13776
13465		13777
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13467		13779
13468		13780
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13471		13783
13472		13784
13473		13785
13474		13786
13475		13787
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13477		13789
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13484		13796
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13509		13821

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Case	Label	Case name
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13553		13865
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13557		13869
13558		13870
13559		13871
13560		13872
13561		13873

Case	Label	Case name
13562		13874
13563		13875
13564		13876
13565		13877
13566		13878
13567		13879
13568		13880
13569		13881
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13576		13888
13577		13889
13578		13890
13579		13891
13580		13892
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13584		13896
13585		13897
13586		13898
13587		13899
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13609		13921
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13612		13924
13613		13925

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Case	Label	Case name
13614		13926
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13616		13928
13617		13929
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13619		13931
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13641		13953
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13647		13959
13648		13960
13649		13961
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13651		13963
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13659		13971
13660		13972
13661		13973
13662		13974
13663		13975
13664		13976
13665		13977

Case	Label	Case name
13666		13978
13667		13979
13668		13980
13669		13981
13670		13982
13671		13983
13672		13984
13673		13985
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13675		13987
13676		13988
13677		13989
13678		13990
13679		13991
13680		13992
13681		13993
13682		13994
13683		13995
13684		13996
13685		13997
13686		13998
13687		13999
13688		14000
13689		14001
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13693		14005
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13717		14029

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Case	Label	Case name
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13734		14046
13735		14047
13736		14048
13737		14049
13738		14050
13739		14051
13740		14052
13741		14053
13742		14054
13743		14055
13744		14056
13745		14057
13746		14058
13747		14059
13748		14060
13749		14061
13750		14062
13751		14063
13752		14064
13753		14065
13754		14066
13755		14067
13756		14068
13757		14069
13758		14070
13759		14071
13760		14072
13761		14073
13762		14074
13763		14075
13764		14076
13765		14077
13766		14078
13767		14079
13768		14080
13769		14081

Case	Label	Case name
13770		14082
13771		14083
13772		14084
13773		14085
13774		14086
13775		14087
13776		14088
13777		14089
13778		14090
13779		14091
13780		14092
13781		14093
13782		14094
13783		14095
13784		14096
13785		14097
13786		14098
13787		14099
13788		14100
13789		14101
13790		14102
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13794		14106
13795		14107
13796		14108
13797		14109
13798		14110
13799		14111
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13801		14113
13802		14114
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13812		14124
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13815		14127
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13817		14129
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13819		14131
13820		14132
13821		14133

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Case	Label	Case name
13822		14134
13823		14135
13824		14136
13825		14137
13826		14138
13827		14139
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13829		14141
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13832		14144
13833		14145
13834		14146
13835		14147
13836		14148
13837		14149
13838		14150
13839		14151
13840		14152
13841		14153
13842		14154
13843		14155
13844		14156
13845		14157
13846		14158
13847		14159
13848		14160
13849		14161
13850		14162
13851		14163
13852		14164
13853		14165
13854		14166
13855		14167
13856		14168
13857		14169
13858		14170
13859		14171
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13861		14173
13862		14174
13863		14175
13864		14176
13865		14177
13866		14178
13867		14179
13868		14180
13869		14181
13870		14182
13871		14183
13872		14184
13873		14185

Case	Label	Case name
13874		14186
13875		14187
13876		14188
13877		14189
13878		14190
13879		14191
13880		14192
13881		14193
13882		14194
13883		14195
13884		14196
13885		14197
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13887		14199
13888		14200
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13890		14202
13891		14203
13892		14204
13893		14205
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13898		14210
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13900		14212
13901		14213
13902		14214
13903		14215
13904		14216
13905		14217
13906		14218
13907		14219
13908		14220
13909		14221
13910		14222
13911		14223
13912		14224
13913		14225
13914		14226
13915		14227
13916		14228
13917		14229
13918		14230
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13920		14232
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13922		14234
13923		14235
13924		14236
13925		14237

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Case	Label	Case name
13926		14238
13927		14239
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13930		14242
13931		14243
13932		14244
13933		14245
13934		14246
13935		14247
13936		14248
13937		14249
13938		14250
13939		14251
13940		14252
13941		14253
13942		14254
13943		14255
13944		14256
13945		14257
13946		14258
13947		14259
13948		14260
13949		14261
13950		14262
13951		14263
13952		14264
13953		14265
13954		14266
13955		14267
13956		14268
13957		14269
13958		14270
13959		14271
13960		14272
13961		14273
13962		14274
13963		14275
13964		14276
13965		14277
13966		14278
13967		14279
13968		14280
13969		14281
13970		14282
13971		14283
13972		14284
13973		14285
13974		14286
13975		14287
13976		14288
13977		14289

Case	Label	Case name
13978		14290
13979		14291
13980		14292
13981		14293
13982		14294
13983		14295
13984		14296
13985		14297
13986		14298
13987		14299
13988		14300
13989		14301
13990		14302
13991		14303
13992		14304
13993		14305
13994		14306
13995		14307
13996		14308
13997		14309
13998		14310
13999		14311
14000		14312
14001		14313
14002		14314
14003		14315
14004		14316
14005		14317
14006		14318
14007		14319
14008		14320
14009		14321
14010		14322
14011		14323
14012		14324
14013		14325
14014		14326
14015		14327
14016		14328
14017		14329
14018		14330
14019		14331
14020		14332
14021		14333
14022		14334
14023		14335
14024		14336
14025		14337
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14027		14339
14028		14340
14029		14341

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Case	Label	Case name
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14037		14349
14038		14350
14039		14351
14040		14352
14041		14353
14042		14354
14043		14355
14044		14356
14045		14357
14046		14358
14047		14359
14048		14360
14049		14361
14050		14362
14051		14363
14052		14364
14053		14365
14054		14366
14055		14367
14056		14368
14057		14369
14058		14370
14059		14371
14060		14372
14061		14373
14062		14374
14063		14375
14064		14376
14065		14377
14066		14378
14067		14379
14068		14380
14069		14381
14070		14382
14071		14383
14072		14384
14073		14385
14074		14386
14075		14387
14076		14388
14077		14389
14078		14390
14079		14391
14080		14392
14081		14393

Case	Label	Case name
14082		14394
14083		14395
14084		14396
14085		14397
14086		14398
14087		14399
14088		14400
14089		14401
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14093		14405
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14096		14408
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14098		14410
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14107		14419
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14119		14431
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14122		14434
14123		14435
14124		14436
14125		14437
14126		14438
14127		14439
14128		14440
14129		14441
14130		14442
14131		14443
14132		14444
14133		14445

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Case	Label	Case name
14134		14446
14135		14447
14136		14448
14137		14449
14138		14450
14139		14451
14140		14452
14141		14453
14142		14454
14143		14455
14144		14456
14145		14457
14146		14458
14147		14459
14148		14460
14149		14461
14150		14462
14151		14463
14152		14464
14153		14465
14154		14466
14155		14467
14156		14468
14157		14469
14158		14470
14159		14471
14160		14472
14161		14473
14162		14474
14163		14475
14164		14476
14165		14477
14166		14478
14167		14479
14168		14480
14169		14481
14170		14482
14171		14483
14172		14484
14173		14485
14174		14486
14175		14487
14176		14488
14177		14489
14178		14490
14179		14491
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14181		14493
14182		14494
14183		14495
14184		14496
14185		14497

Case	Label	Case name
14186		14498
14187		14499
14188		14500
14189		14501
14190		14502
14191		14503
14192		14504
14193		14505
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14195		14507
14196		14508
14197		14509
14198		14510
14199		14511
14200		14512
14201		14513
14202		14514
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14206		14518
14207		14519
14208		14520
14209		14521
14210		14522
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14213		14525
14214		14526
14215		14527
14216		14528
14217		14529
14218		14530
14219		14531
14220		14532
14221		14533
14222		14534
14223		14535
14224		14536
14225		14537
14226		14538
14227		14539
14228		14540
14229		14541
14230		14542
14231		14543
14232		14544
14233		14545
14234		14546
14235		14547
14236		14548
14237		14549

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Case	Label	Case name
14238		14550
14239		14551
14240		14552
14241		14553
14242		14554
14243		14555
14244		14556
14245		14557
14246		14558
14247		14559
14248		14560
14249		14561
14250		14562
14251		14563
14252		14564
14253		14565
14254		14566
14255		14567
14256		14568
14257		14569
14258		14570
14259		14571
14260		14572
14261		14573
14262		14574
14263		14575
14264		14576
14265		14577
14266		14578
14267		14579
14268		14580
14269		14581
14270		14582
14271		14583
14272		14584
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14279		14591
14280		14592
14281		14593
14282		14594
14283		14595
14284		14596
14285		14597
14286		14598
14287		14599
14288		14600
14289		14601

Case	Label	Case name
14290		14602
14291		14603
14292		14604
14293		14605
14294		14606
14295		14607
14296		14608
14297		14609
14298		14610
14299		14611
14300		14612
14301		14613
14302		14614
14303		14615
14304		14616
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14339		14651
14340		14652
14341		14653

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Case	Label	Case name
14342		14654
14343		14655
14344		14656
14345		14657
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14347		14659
14348		14660
14349		14661
14350		14662
14351		14663
14352		14664
14353		14665
14354		14666
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14357		14669
14358		14670
14359		14671
14360		14672
14361		14673
14362		14674
14363		14675
14364		14676
14365		14677
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14367		14679
14368		14680
14369		14681
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14373		14685
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14375		14687
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14378		14690
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14380		14692
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14384		14696
14385		14697
14386		14698
14387		14699
14388		14700
14389		14701
14390		14702
14391		14703
14392		14704
14393		14705

Case	Label	Case name
14394		14706
14395		14707
14396		14708
14397		14709
14398		14710
14399		14711
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14401		14713
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14445		14757

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Case	Label	Case name
14446		14758
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14449		14761
14450		14762
14451		14763
14452		14764
14453		14765
14454		14766
14455		14767
14456		14768
14457		14769
14458		14770
14459		14771
14460		14772
14461		14773
14462		14774
14463		14775
14464		14776
14465		14777
14466		14778
14467		14779
14468		14780
14469		14781
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14473		14785
14474		14786
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14476		14788
14477		14789
14478		14790
14479		14791
14480		14792
14481		15001
14482		15002
14483		15003
14484		15004
14485		15005
14486		15006
14487		15007
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14489		15009
14490		15010
14491		15011
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14495		15015
14496		15016
14497		15017

Case	Label	Case name
14498		15018
14499		15019
14500		15020
14501		15021
14502		15022
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14514		15034
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14530		15050
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14533		15053
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14539		15059
14540		15060
14541		15061
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14543		15063
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14545		15065
14546		15066
14547		15067
14548		15068
14549		15069

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Case	Label	Case name
14550		15070
14551		15071
14552		15072
14553		15073
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14555		15075
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14557		15077
14558		15078
14559		15079
14560		15080
14561		15081
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14567		15087
14568		15088
14569		15089
14570		15090
14571		15091
14572		15092
14573		15093
14574		15094
14575		15095
14576		15096
14577		15097
14578		15098
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14595		15115
14596		15116
14597		15117
14598		15118
14599		15119
14600		15120
14601		15121

Case	Label	Case name
14602		15122
14603		15123
14604		15124
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14606		15126
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14608		15128
14609		15129
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14624		15144
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14627		15147
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14634		15154
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14646		15166
14647		15167
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14649		15169
14650		15170
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14653		15173

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Case	Label	Case name
14654		15174
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14658		15178
14659		15179
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14661		15181
14662		15182
14663		15183
14664		15184
14665		15185
14666		15186
14667		15187
14668		15188
14669		15189
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14676		15196
14677		15197
14678		15198
14679		15199
14680		15200
14681		15201
14682		15202
14683		15203
14684		15204
14685		15205
14686		15206
14687		15207
14688		15208
14689		15209
14690		15210
14691		15211
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14695		15215
14696		15216
14697		15217
14698		15218
14699		15219
14700		15220
14701		15221
14702		15222
14703		15223
14704		15224
14705		15225

Case	Label	Case name
14706		15226
14707		15227
14708		15228
14709		15229
14710		15230
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14713		15233
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14715		15235
14716		15236
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14737		15257
14738		15258
14739		15259
14740		15260
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14747		15267
14748		15268
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14750		15270
14751		15271
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14757		15277

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Case	Label	Case name
14758		15278
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14762		15282
14763		15283
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14765		15285
14766		15286
14767		15287
14768		15288
14769		15289
14770		15290
14771		15291
14772		15292
14773		15293
14774		15294
14775		15295
14776		15296
14777		15297
14778		15298
14779		15299
14780		15300
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14783		15303
14784		15304
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14801		15321
14802		15322
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14807		15327
14808		15328
14809		15329

Case	Label	Case name
14810		15330
14811		15331
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14813		15333
14814		15334
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14817		15337
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14836		15356
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14842		15362
14843		15363
14844		15364
14845		15365
14846		15366
14847		15367
14848		15368
14849		15369
14850		15370
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14853		15373
14854		15374
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14856		15376
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14858		15378
14859		15379
14860		15380
14861		15381

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Case	Label	Case name
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14863		15383
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14865		15385
14866		15386
14867		15387
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14869		15389
14870		15390
14871		15391
14872		15392
14873		15393
14874		15394
14875		15395
14876		15396
14877		15397
14878		15398
14879		15399
14880		15400
14881		15401
14882		15402
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14886		15406
14887		15407
14888		15408
14889		15409
14890		15410
14891		15411
14892		15412
14893		15413
14894		15414
14895		15415
14896		15416
14897		15417
14898		15418
14899		15419
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14912		15432
14913		15433

Case	Label	Case name
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14927		15447
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14953		15473
14954		15474
14955		15475
14956		15476
14957		15477
14958		15478
14959		15479
14960		15480
14961		15481
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14964		15484
14965		15485

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Case	Label	Case name
14966		15486
14967		15487
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14969		15489
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14998		15518
14999		15519
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15014		15534
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15017		15537

Case	Label	Case name
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15019		15539
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15021		15541
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15042		15562
15043		15563
15044		15564
15045		15565
15046		15566
15047		15567
15048		15568
15049		15569
15050		15570
15051		15571
15052		15572
15053		15573
15054		15574
15055		15575
15056		15576
15057		15577
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15059		15579
15060		15580
15061		15581
15062		15582
15063		15583
15064		15584
15065		15585
15066		15586
15067		15587
15068		15588
15069		15589

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Case	Label	Case name
15070		15590
15071		15591
15072		15592
15073		15593
15074		15594
15075		15595
15076		15596
15077		15597
15078		15598
15079		15599
15080		15600
15081		15601
15082		15602
15083		15603
15084		15604
15085		15605
15086		15606
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15088		15608
15089		15609
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15097		15617
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15099		15619
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15119		15639
15120		15640
15121		15641

Case	Label	Case name
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15123		15643
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15138		15658
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15141		15661
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15151		15671
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15153		15673
15154		15674
15155		15675
15156		15676
15157		15677
15158		15678
15159		15679
15160		15680
15161		15681
15162		15682
15163		15683
15164		15684
15165		15685
15166		15686
15167		15687
15168		15688
15169		15689
15170		15690
15171		15691
15172		15692
15173		15693

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Case	Label	Case name
15174		15694
15175		15695
15176		15696
15177		15697
15178		15698
15179		15699
15180		15700
15181		15701
15182		15702
15183		15703
15184		15704
15185		15705
15186		15706
15187		15707
15188		15708
15189		15709
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15193		15713
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15218		15738
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15221		15741
15222		15742
15223		15743
15224		15744
15225		15745

Case	Label	Case name
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15227		15747
15228		15748
15229		15749
15230		15750
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Case	Label	Case name
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15381		15901

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Case	Label	Case name
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15482		16002
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15485		16005

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Case	Label	Case name
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15536		16056
15537		16057

Case	Label	Case name
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15539		16059
15540		16060
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15542		16062
15543		16063
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15552		16072
15553		16073
15554		16074
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15589		16109

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Case	Label	Case name
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15641		16161

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15693		16213

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15699		16219
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Case	Label	Case name
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15778		16298
15779		16299
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15782		16302
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15797		16317

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Case	Label	Case name
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15901		16421

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Case	Label	Case name
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15953		16473

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16005		16525

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Case	Label	Case name
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16057		16577

Case	Label	Case name
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16109		16629

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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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21597		21701

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Case	Label	Case name
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Case	Label	Case name
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21805		21909

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Case	Label	Case name
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21857		21961

Case	Label	Case name
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21859		21963
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21863		21967
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21865		21969
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21903		22007
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21905		22009
21906		22010
21907		22011
21908		22012
21909		22013

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Case	Label	Case name
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21911		22015
21912		22016
21913		22017
21914		22018
21915		22019
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Case	Label	Case name
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22008		22112
22009		22113
22010		22114
22011		22115
22012		22116
22013		22117

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Case	Label	Case name
22014		22118
22015		22119
22016		22120
22017		22121
22018		22122
22019		22123
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22021		22125
22022		22126
22023		22127
22024		22128
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22063		22167
22064		22168
22065		22169

Case	Label	Case name
22066		22170
22067		22171
22068		22172
22069		22173
22070		22174
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22073		22177
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22079		22183
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22108		22212
22109		22213
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22113		22217
22114		22218
22115		22219
22116		22220
22117		22221

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Case	Label	Case name
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22119		22223
22120		22224
22121		22225
22122		22226
22123		22227
22124		22228
22125		22229
22126		22230
22127		22231
22128		22232
22129		22233
22130		22234
22131		22235
22132		22236
22133		22237
22134		22238
22135		22239
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22151		22255
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22153		22257
22154		22258
22155		22259
22156		22260
22157		22261
22158		22262
22159		22263
22160		22264
22161		22265
22162		22266
22163		22267
22164		22268
22165		22269
22166		22270
22167		22271
22168		22272
22169		22273

Case	Label	Case name
22170		22274
22171		22275
22172		22276
22173		22277
22174		22278
22175		22279
22176		22280
22177		22281
22178		22282
22179		22283
22180		22284
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22212		22316
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22214		22318
22215		22319
22216		22320
22217		22321
22218		22322
22219		22323
22220		22324
22221		22325

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Case	Label	Case name
22222		22326
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22224		22328
22225		22329
22226		22330
22227		22331
22228		22332
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22230		22334
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22233		22337
22234		22338
22235		22339
22236		22340
22237		22341
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22258		22362
22259		22363
22260		22364
22261		22365
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22270		22374
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22272		22376
22273		22377

Case	Label	Case name
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22276		22380
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22278		22382
22279		22383
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22281		22385
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22325		22429

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Case	Label	Case name
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22376		22480
22377		22481

Case	Label	Case name
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22429		22533

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Case	Label	Case name
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22480		22584
22481		22585

Case	Label	Case name
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22483		22587
22484		22588
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22494		22598
22495		22599
22496		22600
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22498		22602
22499		22603
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22533		22637

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Case	Label	Case name
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22543		22647
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22545		22649
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22563		22667
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22565		22669
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22577		22681
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22583		22687
22584		22688
22585		22689

Case	Label	Case name
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22590		22694
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22593		22697
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22595		22699
22596		22700
22597		22701
22598		22702
22599		22703
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22637		22741

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Case	Label	Case name
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22639		22743
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22648		22752
22649		22753
22650		22754
22651		22755
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22653		22757
22654		22758
22655		22759
22656		22760
22657		22761
22658		22762
22659		22763
22660		22764
22661		22765
22662		22766
22663		22767
22664		22768
22665		22769
22666		22770
22667		22771
22668		22772
22669		22773
22670		22774
22671		22775
22672		22776
22673		22777
22674		22778
22675		22779
22676		22780
22677		22781
22678		22782
22679		22783
22680		22784
22681		22785
22682		22786
22683		22787
22684		22788
22685		22789
22686		22790
22687		22791
22688		22792
22689		23001

Case	Label	Case name
22690		23002
22691		23003
22692		23004
22693		23005
22694		23006
22695		23007
22696		23008
22697		23009
22698		23010
22699		23011
22700		23012
22701		23013
22702		23014
22703		23015
22704		23016
22705		23017
22706		23018
22707		23019
22708		23020
22709		23021
22710		23022
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22712		23024
22713		23025
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22715		23027
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22719		23031
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22722		23034
22723		23035
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22731		23043
22732		23044
22733		23045
22734		23046
22735		23047
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22737		23049
22738		23050
22739		23051
22740		23052
22741		23053

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Case	Label	Case name
22742		23054
22743		23055
22744		23056
22745		23057
22746		23058
22747		23059
22748		23060
22749		23061
22750		23062
22751		23063
22752		23064
22753		23065
22754		23066
22755		23067
22756		23068
22757		23069
22758		23070
22759		23071
22760		23072
22761		23073
22762		23074
22763		23075
22764		23076
22765		23077
22766		23078
22767		23079
22768		23080
22769		23081
22770		23082
22771		23083
22772		23084
22773		23085
22774		23086
22775		23087
22776		23088
22777		23089
22778		23090
22779		23091
22780		23092
22781		23093
22782		23094
22783		23095
22784		23096
22785		23097
22786		23098
22787		23099
22788		23100
22789		23101
22790		23102
22791		23103
22792		23104
22793		23105

Case	Label	Case name
22794		23106
22795		23107
22796		23108
22797		23109
22798		23110
22799		23111
22800		23112
22801		23113
22802		23114
22803		23115
22804		23116
22805		23117
22806		23118
22807		23119
22808		23120
22809		23121
22810		23122
22811		23123
22812		23124
22813		23125
22814		23126
22815		23127
22816		23128
22817		23129
22818		23130
22819		23131
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22823		23135
22824		23136
22825		23137
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22832		23144
22833		23145
22834		23146
22835		23147
22836		23148
22837		23149
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22839		23151
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22841		23153
22842		23154
22843		23155
22844		23156
22845		23157

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Case	Label	Case name
22846		23158
22847		23159
22848		23160
22849		23161
22850		23162
22851		23163
22852		23164
22853		23165
22854		23166
22855		23167
22856		23168
22857		23169
22858		23170
22859		23171
22860		23172
22861		23173
22862		23174
22863		23175
22864		23176
22865		23177
22866		23178
22867		23179
22868		23180
22869		23181
22870		23182
22871		23183
22872		23184
22873		23185
22874		23186
22875		23187
22876		23188
22877		23189
22878		23190
22879		23191
22880		23192
22881		23193
22882		23194
22883		23195
22884		23196
22885		23197
22886		23198
22887		23199
22888		23200
22889		23201
22890		23202
22891		23203
22892		23204
22893		23205
22894		23206
22895		23207
22896		23208
22897		23209

Case	Label	Case name
22898		23210
22899		23211
22900		23212
22901		23213
22902		23214
22903		23215
22904		23216
22905		23217
22906		23218
22907		23219
22908		23220
22909		23221
22910		23222
22911		23223
22912		23224
22913		23225
22914		23226
22915		23227
22916		23228
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22918		23230
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22932		23244
22933		23245
22934		23246
22935		23247
22936		23248
22937		23249
22938		23250
22939		23251
22940		23252
22941		23253
22942		23254
22943		23255
22944		23256
22945		23257
22946		23258
22947		23259
22948		23260
22949		23261

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Case	Label	Case name
22950		23262
22951		23263
22952		23264
22953		23265
22954		23266
22955		23267
22956		23268
22957		23269
22958		23270
22959		23271
22960		23272
22961		23273
22962		23274
22963		23275
22964		23276
22965		23277
22966		23278
22967		23279
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22975		23287
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22978		23290
22979		23291
22980		23292
22981		23293
22982		23294
22983		23295
22984		23296
22985		23297
22986		23298
22987		23299
22988		23300
22989		23301
22990		23302
22991		23303
22992		23304
22993		23305
22994		23306
22995		23307
22996		23308
22997		23309
22998		23310
22999		23311
23000		23312
23001		23313

Case	Label	Case name
23002		23314
23003		23315
23004		23316
23005		23317
23006		23318
23007		23319
23008		23320
23009		23321
23010		23322
23011		23323
23012		23324
23013		23325
23014		23326
23015		23327
23016		23328
23017		23329
23018		23330
23019		23331
23020		23332
23021		23333
23022		23334
23023		23335
23024		23336
23025		23337
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23029		23341
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23031		23343
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23033		23345
23034		23346
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23047		23359
23048		23360
23049		23361
23050		23362
23051		23363
23052		23364
23053		23365

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Case	Label	Case name
23054		23366
23055		23367
23056		23368
23057		23369
23058		23370
23059		23371
23060		23372
23061		23373
23062		23374
23063		23375
23064		23376
23065		23377
23066		23378
23067		23379
23068		23380
23069		23381
23070		23382
23071		23383
23072		23384
23073		23385
23074		23386
23075		23387
23076		23388
23077		23389
23078		23390
23079		23391
23080		23392
23081		23393
23082		23394
23083		23395
23084		23396
23085		23397
23086		23398
23087		23399
23088		23400
23089		23401
23090		23402
23091		23403
23092		23404
23093		23405
23094		23406
23095		23407
23096		23408
23097		23409
23098		23410
23099		23411
23100		23412
23101		23413
23102		23414
23103		23415
23104		23416
23105		23417

Case	Label	Case name
23106		23418
23107		23419
23108		23420
23109		23421
23110		23422
23111		23423
23112		23424
23113		23425
23114		23426
23115		23427
23116		23428
23117		23429
23118		23430
23119		23431
23120		23432
23121		23433
23122		23434
23123		23435
23124		23436
23125		23437
23126		23438
23127		23439
23128		23440
23129		23441
23130		23442
23131		23443
23132		23444
23133		23445
23134		23446
23135		23447
23136		23448
23137		23449
23138		23450
23139		23451
23140		23452
23141		23453
23142		23454
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23144		23456
23145		23457
23146		23458
23147		23459
23148		23460
23149		23461
23150		23462
23151		23463
23152		23464
23153		23465
23154		23466
23155		23467
23156		23468
23157		23469

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Case	Label	Case name
23158		23470
23159		23471
23160		23472
23161		23473
23162		23474
23163		23475
23164		23476
23165		23477
23166		23478
23167		23479
23168		23480
23169		23481
23170		23482
23171		23483
23172		23484
23173		23485
23174		23486
23175		23487
23176		23488
23177		23489
23178		23490
23179		23491
23180		23492
23181		23493
23182		23494
23183		23495
23184		23496
23185		23497
23186		23498
23187		23499
23188		23500
23189		23501
23190		23502
23191		23503
23192		23504
23193		23505
23194		23506
23195		23507
23196		23508
23197		23509
23198		23510
23199		23511
23200		23512
23201		23513
23202		23514
23203		23515
23204		23516
23205		23517
23206		23518
23207		23519
23208		23520
23209		23521

Case	Label	Case name
23210		23522
23211		23523
23212		23524
23213		23525
23214		23526
23215		23527
23216		23528
23217		23529
23218		23530
23219		23531
23220		23532
23221		23533
23222		23534
23223		23535
23224		23536
23225		23537
23226		23538
23227		23539
23228		23540
23229		23541
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23231		23543
23232		23544
23233		23545
23234		23546
23235		23547
23236		23548
23237		23549
23238		23550
23239		23551
23240		23552
23241		23553
23242		23554
23243		23555
23244		23556
23245		23557
23246		23558
23247		23559
23248		23560
23249		23561
23250		23562
23251		23563
23252		23564
23253		23565
23254		23566
23255		23567
23256		23568
23257		23569
23258		23570
23259		23571
23260		23572
23261		23573

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Case	Label	Case name
23262		23574
23263		23575
23264		23576
23265		23577
23266		23578
23267		23579
23268		23580
23269		23581
23270		23582
23271		23583
23272		23584
23273		23585
23274		23586
23275		23587
23276		23588
23277		23589
23278		23590
23279		23591
23280		23592
23281		23593
23282		23594
23283		23595
23284		23596
23285		23597
23286		23598
23287		23599
23288		23600
23289		23601
23290		23602
23291		23603
23292		23604
23293		23605
23294		23606
23295		23607
23296		23608
23297		23609
23298		23610
23299		23611
23300		23612
23301		23613
23302		23614
23303		23615
23304		23616
23305		23617
23306		23618
23307		23619
23308		23620
23309		23621
23310		23622
23311		23623
23312		23624
23313		23625

Case	Label	Case name
23314		23626
23315		23627
23316		23628
23317		23629
23318		23630
23319		23631
23320		23632
23321		23633
23322		23634
23323		23635
23324		23636
23325		23637
23326		23638
23327		23639
23328		23640
23329		23641
23330		23642
23331		23643
23332		23644
23333		23645
23334		23646
23335		23647
23336		23648
23337		23649
23338		23650
23339		23651
23340		23652
23341		23653
23342		23654
23343		23655
23344		23656
23345		23657
23346		23658
23347		23659
23348		23660
23349		23661
23350		23662
23351		23663
23352		23664
23353		23665
23354		23666
23355		23667
23356		23668
23357		23669
23358		23670
23359		23671
23360		23672
23361		23673
23362		23674
23363		23675
23364		23676
23365		23677

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Case	Label	Case name
23366		23678
23367		23679
23368		23680
23369		23681
23370		23682
23371		23683
23372		23684
23373		23685
23374		23686
23375		23687
23376		23688
23377		23689
23378		23690
23379		23691
23380		23692
23381		23693
23382		23694
23383		23695
23384		23696
23385		23697
23386		23698
23387		23699
23388		23700
23389		23701
23390		23702
23391		23703
23392		23704
23393		23705
23394		23706
23395		23707
23396		23708
23397		23709
23398		23710
23399		23711
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23401		23713
23402		23714
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23409		23721
23410		23722
23411		23723
23412		23724
23413		23725
23414		23726
23415		23727
23416		23728
23417		23729

Case	Label	Case name
23418		23730
23419		23731
23420		23732
23421		23733
23422		23734
23423		23735
23424		23736
23425		23737
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23431		23743
23432		23744
23433		23745
23434		23746
23435		23747
23436		23748
23437		23749
23438		23750
23439		23751
23440		23752
23441		23753
23442		23754
23443		23755
23444		23756
23445		23757
23446		23758
23447		23759
23448		23760
23449		23761
23450		23762
23451		23763
23452		23764
23453		23765
23454		23766
23455		23767
23456		23768
23457		23769
23458		23770
23459		23771
23460		23772
23461		23773
23462		23774
23463		23775
23464		23776
23465		23777
23466		23778
23467		23779
23468		23780
23469		23781

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Case	Label	Case name
23470		23782
23471		23783
23472		23784
23473		23785
23474		23786
23475		23787
23476		23788
23477		23789
23478		23790
23479		23791
23480		23792
23481		23793
23482		23794
23483		23795
23484		23796
23485		23797
23486		23798
23487		23799
23488		23800
23489		23801
23490		23802
23491		23803
23492		23804
23493		23805
23494		23806
23495		23807
23496		23808
23497		23809
23498		23810
23499		23811
23500		23812
23501		23813
23502		23814
23503		23815
23504		23816
23505		23817
23506		23818
23507		23819
23508		23820
23509		23821
23510		23822
23511		23823
23512		23824
23513		23825
23514		23826
23515		23827
23516		23828
23517		23829
23518		23830
23519		23831
23520		23832
23521		23833

Case	Label	Case name
23522		23834
23523		23835
23524		23836
23525		23837
23526		23838
23527		23839
23528		23840
23529		23841
23530		23842
23531		23843
23532		23844
23533		23845
23534		23846
23535		23847
23536		23848
23537		23849
23538		23850
23539		23851
23540		23852
23541		23853
23542		23854
23543		23855
23544		23856
23545		23857
23546		23858
23547		23859
23548		23860
23549		23861
23550		23862
23551		23863
23552		23864
23553		23865
23554		23866
23555		23867
23556		23868
23557		23869
23558		23870
23559		23871
23560		23872
23561		23873
23562		23874
23563		23875
23564		23876
23565		23877
23566		23878
23567		23879
23568		23880
23569		23881
23570		23882
23571		23883
23572		23884
23573		23885

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Case	Label	Case name
23574		23886
23575		23887
23576		23888
23577		23889
23578		23890
23579		23891
23580		23892
23581		23893
23582		23894
23583		23895
23584		23896
23585		23897
23586		23898
23587		23899
23588		23900
23589		23901
23590		23902
23591		23903
23592		23904
23593		23905
23594		23906
23595		23907
23596		23908
23597		23909
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Case	Label	Case name
23626		23938
23627		23939
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23639		23951
23640		23952
23641		23953
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23647		23959
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23649		23961
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23651		23963
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23655		23967
23656		23968
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23659		23971
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23661		23973
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23663		23975
23664		23976
23665		23977
23666		23978
23667		23979
23668		23980
23669		23981
23670		23982
23671		23983
23672		23984
23673		23985
23674		23986
23675		23987
23676		23988
23677		23989

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Case	Label	Case name
23678		23990
23679		23991
23680		23992
23681		23993
23682		23994
23683		23995
23684		23996
23685		23997
23686		23998
23687		23999
23688		24000
23689		24001
23690		24002
23691		24003
23692		24004
23693		24005
23694		24006
23695		24007
23696		24008
23697		24009
23698		24010
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23700		24012
23701		24013
23702		24014
23703		24015
23704		24016
23705		24017
23706		24018
23707		24019
23708		24020
23709		24021
23710		24022
23711		24023
23712		24024
23713		24025
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23722		24034
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23724		24036
23725		24037
23726		24038
23727		24039
23728		24040
23729		24041

Case	Label	Case name
23730		24042
23731		24043
23732		24044
23733		24045
23734		24046
23735		24047
23736		24048
23737		24049
23738		24050
23739		24051
23740		24052
23741		24053
23742		24054
23743		24055
23744		24056
23745		24057
23746		24058
23747		24059
23748		24060
23749		24061
23750		24062
23751		24063
23752		24064
23753		24065
23754		24066
23755		24067
23756		24068
23757		24069
23758		24070
23759		24071
23760		24072
23761		24073
23762		24074
23763		24075
23764		24076
23765		24077
23766		24078
23767		24079
23768		24080
23769		24081
23770		24082
23771		24083
23772		24084
23773		24085
23774		24086
23775		24087
23776		24088
23777		24089
23778		24090
23779		24091
23780		24092
23781		24093

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Case	Label	Case name
23782		24094
23783		24095
23784		24096
23785		24097
23786		24098
23787		24099
23788		24100
23789		24101
23790		24102
23791		24103
23792		24104
23793		24105
23794		24106
23795		24107
23796		24108
23797		24109
23798		24110
23799		24111
23800		24112
23801		24113
23802		24114
23803		24115
23804		24116
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23806		24118
23807		24119
23808		24120
23809		24121
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23825		24137
23826		24138
23827		24139
23828		24140
23829		24141
23830		24142
23831		24143
23832		24144
23833		24145

Case	Label	Case name
23834		24146
23835		24147
23836		24148
23837		24149
23838		24150
23839		24151
23840		24152
23841		24153
23842		24154
23843		24155
23844		24156
23845		24157
23846		24158
23847		24159
23848		24160
23849		24161
23850		24162
23851		24163
23852		24164
23853		24165
23854		24166
23855		24167
23856		24168
23857		24169
23858		24170
23859		24171
23860		24172
23861		24173
23862		24174
23863		24175
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23865		24177
23866		24178
23867		24179
23868		24180
23869		24181
23870		24182
23871		24183
23872		24184
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23874		24186
23875		24187
23876		24188
23877		24189
23878		24190
23879		24191
23880		24192
23881		24193
23882		24194
23883		24195
23884		24196
23885		24197

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Case	Label	Case name
23886		24198
23887		24199
23888		24200
23889		24201
23890		24202
23891		24203
23892		24204
23893		24205
23894		24206
23895		24207
23896		24208
23897		24209
23898		24210
23899		24211
23900		24212
23901		24213
23902		24214
23903		24215
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23906		24218
23907		24219
23908		24220
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23913		24225
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23917		24229
23918		24230
23919		24231
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23921		24233
23922		24234
23923		24235
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23925		24237
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23927		24239
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23930		24242
23931		24243
23932		24244
23933		24245
23934		24246
23935		24247
23936		24248
23937		24249

Case	Label	Case name
23938		24250
23939		24251
23940		24252
23941		24253
23942		24254
23943		24255
23944		24256
23945		24257
23946		24258
23947		24259
23948		24260
23949		24261
23950		24262
23951		24263
23952		24264
23953		24265
23954		24266
23955		24267
23956		24268
23957		24269
23958		24270
23959		24271
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23963		24275
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23965		24277
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23969		24281
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23972		24284
23973		24285
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23975		24287
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23982		24294
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23985		24297
23986		24298
23987		24299
23988		24300
23989		24301

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Case	Label	Case name
23990		24302
23991		24303
23992		24304
23993		24305
23994		24306
23995		24307
23996		24308
23997		24309
23998		24310
23999		24311
24000		24312
24001		24313
24002		24314
24003		24315
24004		24316
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24007		24319
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24010		24322
24011		24323
24012		24324
24013		24325
24014		24326
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24016		24328
24017		24329
24018		24330
24019		24331
24020		24332
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24022		24334
24023		24335
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24033		24345
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24039		24351
24040		24352
24041		24353

Case	Label	Case name
24042		24354
24043		24355
24044		24356
24045		24357
24046		24358
24047		24359
24048		24360
24049		24361
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24051		24363
24052		24364
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24054		24366
24055		24367
24056		24368
24057		24369
24058		24370
24059		24371
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24061		24373
24062		24374
24063		24375
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24066		24378
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24069		24381
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24072		24384
24073		24385
24074		24386
24075		24387
24076		24388
24077		24389
24078		24390
24079		24391
24080		24392
24081		24393
24082		24394
24083		24395
24084		24396
24085		24397
24086		24398
24087		24399
24088		24400
24089		24401
24090		24402
24091		24403
24092		24404
24093		24405

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Case	Label	Case name
24094		24406
24095		24407
24096		24408
24097		24409
24098		24410
24099		24411
24100		24412
24101		24413
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24113		24425
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24116		24428
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24118		24430
24119		24431
24120		24432
24121		24433
24122		24434
24123		24435
24124		24436
24125		24437
24126		24438
24127		24439
24128		24440
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24130		24442
24131		24443
24132		24444
24133		24445
24134		24446
24135		24447
24136		24448
24137		24449
24138		24450
24139		24451
24140		24452
24141		24453
24142		24454
24143		24455
24144		24456
24145		24457

Case	Label	Case name
24146		24458
24147		24459
24148		24460
24149		24461
24150		24462
24151		24463
24152		24464
24153		24465
24154		24466
24155		24467
24156		24468
24157		24469
24158		24470
24159		24471
24160		24472
24161		24473
24162		24474
24163		24475
24164		24476
24165		24477
24166		24478
24167		24479
24168		24480
24169		24481
24170		24482
24171		24483
24172		24484
24173		24485
24174		24486
24175		24487
24176		24488
24177		24489
24178		24490
24179		24491
24180		24492
24181		24493
24182		24494
24183		24495
24184		24496
24185		24497
24186		24498
24187		24499
24188		24500
24189		24501
24190		24502
24191		24503
24192		24504
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24196		24508
24197		24509

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Case	Label	Case name
24198		24510
24199		24511
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24201		24513
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24203		24515
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24205		24517
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24210		24522
24211		24523
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24213		24525
24214		24526
24215		24527
24216		24528
24217		24529
24218		24530
24219		24531
24220		24532
24221		24533
24222		24534
24223		24535
24224		24536
24225		24537
24226		24538
24227		24539
24228		24540
24229		24541
24230		24542
24231		24543
24232		24544
24233		24545
24234		24546
24235		24547
24236		24548
24237		24549
24238		24550
24239		24551
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24241		24553
24242		24554
24243		24555
24244		24556
24245		24557
24246		24558
24247		24559
24248		24560
24249		24561

Case	Label	Case name
24250		24562
24251		24563
24252		24564
24253		24565
24254		24566
24255		24567
24256		24568
24257		24569
24258		24570
24259		24571
24260		24572
24261		24573
24262		24574
24263		24575
24264		24576
24265		24577
24266		24578
24267		24579
24268		24580
24269		24581
24270		24582
24271		24583
24272		24584
24273		24585
24274		24586
24275		24587
24276		24588
24277		24589
24278		24590
24279		24591
24280		24592
24281		24593
24282		24594
24283		24595
24284		24596
24285		24597
24286		24598
24287		24599
24288		24600
24289		24601
24290		24602
24291		24603
24292		24604
24293		24605
24294		24606
24295		24607
24296		24608
24297		24609
24298		24610
24299		24611
24300		24612
24301		24613

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Case	Label	Case name
24302		24614
24303		24615
24304		24616
24305		24617
24306		24618
24307		24619
24308		24620
24309		24621
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24312		24624
24313		24625
24314		24626
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24320		24632
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24322		24634
24323		24635
24324		24636
24325		24637
24326		24638
24327		24639
24328		24640
24329		24641
24330		24642
24331		24643
24332		24644
24333		24645
24334		24646
24335		24647
24336		24648
24337		24649
24338		24650
24339		24651
24340		24652
24341		24653
24342		24654
24343		24655
24344		24656
24345		24657
24346		24658
24347		24659
24348		24660
24349		24661
24350		24662
24351		24663
24352		24664
24353		24665

Case	Label	Case name
24354		24666
24355		24667
24356		24668
24357		24669
24358		24670
24359		24671
24360		24672
24361		24673
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24364		24676
24365		24677
24366		24678
24367		24679
24368		24680
24369		24681
24370		24682
24371		24683
24372		24684
24373		24685
24374		24686
24375		24687
24376		24688
24377		24689
24378		24690
24379		24691
24380		24692
24381		24693
24382		24694
24383		24695
24384		24696
24385		24697
24386		24698
24387		24699
24388		24700
24389		24701
24390		24702
24391		24703
24392		24704
24393		24705
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24395		24707
24396		24708
24397		24709
24398		24710
24399		24711
24400		24712
24401		24713
24402		24714
24403		24715
24404		24716
24405		24717

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Case	Label	Case name
24406		24718
24407		24719
24408		24720
24409		24721
24410		24722
24411		24723
24412		24724
24413		24725
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24418		24730
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24433		24745
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24435		24747
24436		24748
24437		24749
24438		24750
24439		24751
24440		24752
24441		24753
24442		24754
24443		24755
24444		24756
24445		24757
24446		24758
24447		24759
24448		24760
24449		24761
24450		24762
24451		24763
24452		24764
24453		24765
24454		24766
24455		24767
24456		24768
24457		24769

Case	Label	Case name
24458		24770
24459		24771
24460		24772
24461		24773
24462		24774
24463		24775
24464		24776
24465		24777
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24467		24779
24468		24780
24469		24781
24470		24782
24471		24783
24472		24784
24473		24785
24474		24786
24475		24787
24476		24788
24477		24789
24478		24790
24479		24791
24480		24792
24481		25001
24482		25002
24483		25003
24484		25004
24485		25005
24486		25006
24487		25007
24488		25008
24489		25009
24490		25010
24491		25011
24492		25012
24493		25013
24494		25014
24495		25015
24496		25016
24497		25017
24498		25018
24499		25019
24500		25020
24501		25021
24502		25022
24503		25023
24504		25024
24505		25025
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24507		25027
24508		25028
24509		25029

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Case	Label	Case name
24510		25030
24511		25031
24512		25032
24513		25033
24514		25034
24515		25035
24516		25036
24517		25037
24518		25038
24519		25039
24520		25040
24521		25041
24522		25042
24523		25043
24524		25044
24525		25045
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24543		25063
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24546		25066
24547		25067
24548		25068
24549		25069
24550		25070
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24553		25073
24554		25074
24555		25075
24556		25076
24557		25077
24558		25078
24559		25079
24560		25080
24561		25081

Case	Label	Case name
24562		25082
24563		25083
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24566		25086
24567		25087
24568		25088
24569		25089
24570		25090
24571		25091
24572		25092
24573		25093
24574		25094
24575		25095
24576		25096
24577		25097
24578		25098
24579		25099
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24581		25101
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24587		25107
24588		25108
24589		25109
24590		25110
24591		25111
24592		25112
24593		25113
24594		25114
24595		25115
24596		25116
24597		25117
24598		25118
24599		25119
24600		25120
24601		25121
24602		25122
24603		25123
24604		25124
24605		25125
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24609		25129
24610		25130
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24612		25132
24613		25133

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Case	Label	Case name
24614		25134
24615		25135
24616		25136
24617		25137
24618		25138
24619		25139
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24621		25141
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24627		25147
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24629		25149
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24644		25164
24645		25165
24646		25166
24647		25167
24648		25168
24649		25169
24650		25170
24651		25171
24652		25172
24653		25173
24654		25174
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24658		25178
24659		25179
24660		25180
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24662		25182
24663		25183
24664		25184
24665		25185

Case	Label	Case name
24666		25186
24667		25187
24668		25188
24669		25189
24670		25190
24671		25191
24672		25192
24673		25193
24674		25194
24675		25195
24676		25196
24677		25197
24678		25198
24679		25199
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24681		25201
24682		25202
24683		25203
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24686		25206
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24688		25208
24689		25209
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24691		25211
24692		25212
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24694		25214
24695		25215
24696		25216
24697		25217
24698		25218
24699		25219
24700		25220
24701		25221
24702		25222
24703		25223
24704		25224
24705		25225
24706		25226
24707		25227
24708		25228
24709		25229
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24713		25233
24714		25234
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24716		25236
24717		25237

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Case	Label	Case name
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24719		25239
24720		25240
24721		25241
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24723		25243
24724		25244
24725		25245
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24727		25247
24728		25248
24729		25249
24730		25250
24731		25251
24732		25252
24733		25253
24734		25254
24735		25255
24736		25256
24737		25257
24738		25258
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24744		25264
24745		25265
24746		25266
24747		25267
24748		25268
24749		25269
24750		25270
24751		25271
24752		25272
24753		25273
24754		25274
24755		25275
24756		25276
24757		25277
24758		25278
24759		25279
24760		25280
24761		25281
24762		25282
24763		25283
24764		25284
24765		25285
24766		25286
24767		25287
24768		25288
24769		25289

Case	Label	Case name
24770		25290
24771		25291
24772		25292
24773		25293
24774		25294
24775		25295
24776		25296
24777		25297
24778		25298
24779		25299
24780		25300
24781		25301
24782		25302
24783		25303
24784		25304
24785		25305
24786		25306
24787		25307
24788		25308
24789		25309
24790		25310
24791		25311
24792		25312
24793		25313
24794		25314
24795		25315
24796		25316
24797		25317
24798		25318
24799		25319
24800		25320
24801		25321
24802		25322
24803		25323
24804		25324
24805		25325
24806		25326
24807		25327
24808		25328
24809		25329
24810		25330
24811		25331
24812		25332
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24814		25334
24815		25335
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24817		25337
24818		25338
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24821		25341

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Case	Label	Case name
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24824		25344
24825		25345
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24827		25347
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24832		25352
24833		25353
24834		25354
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24836		25356
24837		25357
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24839		25359
24840		25360
24841		25361
24842		25362
24843		25363
24844		25364
24845		25365
24846		25366
24847		25367
24848		25368
24849		25369
24850		25370
24851		25371
24852		25372
24853		25373
24854		25374
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24857		25377
24858		25378
24859		25379
24860		25380
24861		25381
24862		25382
24863		25383
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24865		25385
24866		25386
24867		25387
24868		25388
24869		25389
24870		25390
24871		25391
24872		25392
24873		25393

Case	Label	Case name
24874		25394
24875		25395
24876		25396
24877		25397
24878		25398
24879		25399
24880		25400
24881		25401
24882		25402
24883		25403
24884		25404
24885		25405
24886		25406
24887		25407
24888		25408
24889		25409
24890		25410
24891		25411
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24894		25414
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24896		25416
24897		25417
24898		25418
24899		25419
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24901		25421
24902		25422
24903		25423
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24906		25426
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24925		25445

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Case	Label	Case name
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24928		25448
24929		25449
24930		25450
24931		25451
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24933		25453
24934		25454
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24936		25456
24937		25457
24938		25458
24939		25459
24940		25460
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24945		25465
24946		25466
24947		25467
24948		25468
24949		25469
24950		25470
24951		25471
24952		25472
24953		25473
24954		25474
24955		25475
24956		25476
24957		25477
24958		25478
24959		25479
24960		25480
24961		25481
24962		25482
24963		25483
24964		25484
24965		25485
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24969		25489
24970		25490
24971		25491
24972		25492
24973		25493
24974		25494
24975		25495
24976		25496
24977		25497

Case	Label	Case name
24978		25498
24979		25499
24980		25500
24981		25501
24982		25502
24983		25503
24984		25504
24985		25505
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24992		25512
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24996		25516
24997		25517
24998		25518
24999		25519
25000		25520
25001		25521
25002		25522
25003		25523
25004		25524
25005		25525
25006		25526
25007		25527
25008		25528
25009		25529
25010		25530
25011		25531
25012		25532
25013		25533
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25017		25537
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25019		25539
25020		25540
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25029		25549

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Case	Label	Case name
25030		25550
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25034		25554
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25037		25557
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25039		25559
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25041		25561
25042		25562
25043		25563
25044		25564
25045		25565
25046		25566
25047		25567
25048		25568
25049		25569
25050		25570
25051		25571
25052		25572
25053		25573
25054		25574
25055		25575
25056		25576
25057		25577
25058		25578
25059		25579
25060		25580
25061		25581
25062		25582
25063		25583
25064		25584
25065		25585
25066		25586
25067		25587
25068		25588
25069		25589
25070		25590
25071		25591
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25073		25593
25074		25594
25075		25595
25076		25596
25077		25597
25078		25598
25079		25599
25080		25600
25081		25601

Case	Label	Case name
25082		25602
25083		25603
25084		25604
25085		25605
25086		25606
25087		25607
25088		25608
25089		25609
25090		25610
25091		25611
25092		25612
25093		25613
25094		25614
25095		25615
25096		25616
25097		25617
25098		25618
25099		25619
25100		25620
25101		25621
25102		25622
25103		25623
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25114		25634
25115		25635
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25117		25637
25118		25638
25119		25639
25120		25640
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25123		25643
25124		25644
25125		25645
25126		25646
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25128		25648
25129		25649
25130		25650
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25132		25652
25133		25653

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Case	Label	Case name
25134		25654
25135		25655
25136		25656
25137		25657
25138		25658
25139		25659
25140		25660
25141		25661
25142		25662
25143		25663
25144		25664
25145		25665
25146		25666
25147		25667
25148		25668
25149		25669
25150		25670
25151		25671
25152		25672
25153		25673
25154		25674
25155		25675
25156		25676
25157		25677
25158		25678
25159		25679
25160		25680
25161		25681
25162		25682
25163		25683
25164		25684
25165		25685
25166		25686
25167		25687
25168		25688
25169		25689
25170		25690
25171		25691
25172		25692
25173		25693
25174		25694
25175		25695
25176		25696
25177		25697
25178		25698
25179		25699
25180		25700
25181		25701
25182		25702
25183		25703
25184		25704
25185		25705

Case	Label	Case name
25186		25706
25187		25707
25188		25708
25189		25709
25190		25710
25191		25711
25192		25712
25193		25713
25194		25714
25195		25715
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25202		25722
25203		25723
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25205		25725
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25212		25732
25213		25733
25214		25734
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25217		25737
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25219		25739
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25225		25745
25226		25746
25227		25747
25228		25748
25229		25749
25230		25750
25231		25751
25232		25752
25233		25753
25234		25754
25235		25755
25236		25756
25237		25757

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Case	Label	Case name
25238		25758
25239		25759
25240		25760
25241		25761
25242		25762
25243		25763
25244		25764
25245		25765
25246		25766
25247		25767
25248		25768
25249		25769
25250		25770
25251		25771
25252		25772
25253		25773
25254		25774
25255		25775
25256		25776
25257		25777
25258		25778
25259		25779
25260		25780
25261		25781
25262		25782
25263		25783
25264		25784
25265		25785
25266		25786
25267		25787
25268		25788
25269		25789
25270		25790
25271		25791
25272		25792
25273		25793
25274		25794
25275		25795
25276		25796
25277		25797
25278		25798
25279		25799
25280		25800
25281		25801
25282		25802
25283		25803
25284		25804
25285		25805
25286		25806
25287		25807
25288		25808
25289		25809

Case	Label	Case name
25290		25810
25291		25811
25292		25812
25293		25813
25294		25814
25295		25815
25296		25816
25297		25817
25298		25818
25299		25819
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25301		25821
25302		25822
25303		25823
25304		25824
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25306		25826
25307		25827
25308		25828
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25310		25830
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25312		25832
25313		25833
25314		25834
25315		25835
25316		25836
25317		25837
25318		25838
25319		25839
25320		25840
25321		25841
25322		25842
25323		25843
25324		25844
25325		25845
25326		25846
25327		25847
25328		25848
25329		25849
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25331		25851
25332		25852
25333		25853
25334		25854
25335		25855
25336		25856
25337		25857
25338		25858
25339		25859
25340		25860
25341		25861

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Case	Label	Case name
25342		25862
25343		25863
25344		25864
25345		25865
25346		25866
25347		25867
25348		25868
25349		25869
25350		25870
25351		25871
25352		25872
25353		25873
25354		25874
25355		25875
25356		25876
25357		25877
25358		25878
25359		25879
25360		25880
25361		25881
25362		25882
25363		25883
25364		25884
25365		25885
25366		25886
25367		25887
25368		25888
25369		25889
25370		25890
25371		25891
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25373		25893
25374		25894
25375		25895
25376		25896
25377		25897
25378		25898
25379		25899
25380		25900
25381		25901
25382		25902
25383		25903
25384		25904
25385		25905
25386		25906
25387		25907
25388		25908
25389		25909
25390		25910
25391		25911
25392		25912
25393		25913

Case	Label	Case name
25394		25914
25395		25915
25396		25916
25397		25917
25398		25918
25399		25919
25400		25920
25401		25921
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25437		25957
25438		25958
25439		25959
25440		25960
25441		25961
25442		25962
25443		25963
25444		25964
25445		25965

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Case	Label	Case name
25446		25966
25447		25967
25448		25968
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25549		26069

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25653		26173

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25698		26218
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25703		26223
25704		26224
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25808		26328
25809		26329

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25876		26396
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25879		26399
25880		26400
25881		26401
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Case	Label	Case name
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26068		26588
26069		26589

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Case	Label	Case name
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26272		26792
26273		27001
26274		27002
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26276		27004
26277		27005

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Case	Label	Case name
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30101		30101

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Address:
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Case	Label	Case name
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31089		31089

Case	Label	Case name
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Case	Label	Case name
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31190		31190
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31192		31192
31193		31193

Case	Label	Case name
31194		31194
31195		31195
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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Case	Label	Case name
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31609		31609

Case	Label	Case name
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Case	Label	Case name
31662		31662
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31713		31713

Case	Label	Case name
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31765		31765

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Case	Label	Case name
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31806		32014
31807		32015
31808		32016
31809		33001
31810		33002
31811		33003
31812		33004
31813		33005
31814		33006
31815		33007
31816		33008
40001		40001

Case	Label	Case name
40002		40002
40003		40003
40004		40004
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40006		40006
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40008		40008
40009		40009
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40011		40011
40012		40012
40013		40013
40014		40014
40015		40015
40016		40016

Case	Nature	Analysis type
1001	Structural	Static - Linear
1002	Structural	Static - Linear
1003	Structural	Static - Linear
2001	Structural	Static - Linear
2002	Structural	Static - Linear
2003	Structural	Static - Linear
2004	Structural	Static - Linear
3000	Structural	Static - Linear
4000	Category F	Static - Linear
4001	Category F	Static - Linear
4002	Category F	Static - Linear
4003	Category F	Static - Linear
4004	Category F	Static - Linear
4005	Category F	Static - Linear
4006	Category F	Static - Linear
4007	Category F	Static - Linear
4008	Category F	Static - Linear
4009	Category F	Static - Linear
4010	Category F	Static - Linear
4011	Category F	Static - Linear
4012	Category F	Static - Linear
4013	Category F	Static - Linear
4014	Category F	Static - Linear
4015	Category F	Static - Linear
4100	Category F	Static - Linear
4101	Category F	Static - Linear
4102	Category F	Static - Linear
4103	Category F	Static - Linear
4104	Category F	Static - Linear
4105	Category F	Static - Linear
4106	Category F	Static - Linear
4107	Category F	Static - Linear
4108	Category F	Static - Linear
4109	Category F	Static - Linear
4110	Category F	Static - Linear
4111	Category F	Static - Linear

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Case	Nature	Analysis type
4112	Category F	Static - Linear
4113	Category F	Static - Linear
4114	Category F	Static - Linear
4115	Category F	Static - Linear
5000	Category G	Static - Linear
5001	Category G	Static - Linear
5002	Category G	Static - Linear
5003	Category G	Static - Linear
5004	Category G	Static - Linear
5005	Category G	Static - Linear
5006	Category G	Static - Linear
5007	Category G	Static - Linear
6011	temperature	Static - Linear
6012	temperature	Static - Linear
6021	temperature	Static - Linear
6022	temperature	Static - Linear
6101	temperature	Linear Combination
6102	temperature	Linear Combination
6103	temperature	Linear Combination
6104	temperature	Linear Combination
6105	temperature	Linear Combination
6106	temperature	Linear Combination
6107	temperature	Linear Combination
6108	temperature	Linear Combination
7001	wind	Static - Linear
7002	wind	Static - Linear
7003	wind	Static - Linear
7004	wind	Static - Linear
7011	wind	Static - Linear
7012	wind	Static - Linear
7013	wind	Static - Linear
7014	wind	Static - Linear
9001	Structural	Linear Combination
9002	Structural	Linear Combination
9100	Category F	Combination of buckling cases
9101	Category F	Linear Combination
9102	Category F	Linear Combination
9103	Category F	Linear Combination
9104	Category F	Linear Combination
10001	Structural	Linear Combination
10002	Structural	Linear Combination
10003	Structural	Linear Combination
10004	Structural	Linear Combination
10005	Structural	Linear Combination
10006	Structural	Linear Combination
10007	Structural	Linear Combination
10008	Structural	Linear Combination
10009	Structural	Linear Combination
10010	Structural	Linear Combination
10011	Structural	Linear Combination
10012	Structural	Linear Combination
10013	Structural	Linear Combination

Case	Nature	Analysis type
10014	Structural	Linear Combination
10015	Structural	Linear Combination
10016	Structural	Linear Combination
10017	Structural	Linear Combination
10018	Structural	Linear Combination
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10064	Structural	Linear Combination
10065	Structural	Linear Combination

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Case	Nature	Analysis type
10066	Structural	Linear Combination
10067	Structural	Linear Combination
10068	Structural	Linear Combination
10069	Structural	Linear Combination
10070	Structural	Linear Combination
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Case	Nature	Analysis type
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10169	Structural	Linear Combination

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Case	Nature	Analysis type
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10173	Structural	Linear Combination
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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10429	Structural	Linear Combination

Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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10741	Structural	Linear Combination

Case	Nature	Analysis type
10742	Structural	Linear Combination
10743	Structural	Linear Combination
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10765	Structural	Linear Combination
10766	Structural	Linear Combination
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10769	Structural	Linear Combination
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10779	Structural	Linear Combination
10780	Structural	Linear Combination
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10790	Structural	Linear Combination
10791	Structural	Linear Combination
10792	Structural	Linear Combination
10793	Structural	Linear Combination

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Case	Nature	Analysis type
10794	Structural	Linear Combination
10795	Structural	Linear Combination
10796	Structural	Linear Combination
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10798	Structural	Linear Combination
10799	Structural	Linear Combination
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10805	Structural	Linear Combination
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10809	Structural	Linear Combination
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10815	Structural	Linear Combination
10816	Structural	Linear Combination
10817	Structural	Linear Combination
10818	Structural	Linear Combination
10819	Structural	Linear Combination
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10836	Structural	Linear Combination
10837	Structural	Linear Combination
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10840	Structural	Linear Combination
10841	Structural	Linear Combination
10842	Structural	Linear Combination
10843	Structural	Linear Combination
10844	Structural	Linear Combination
10845	Structural	Linear Combination

Case	Nature	Analysis type
10846	Structural	Linear Combination
10847	Structural	Linear Combination
10848	Structural	Linear Combination
10849	Structural	Linear Combination
10850	Structural	Linear Combination
10851	Structural	Linear Combination
10852	Structural	Linear Combination
10853	Structural	Linear Combination
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Case	Nature	Analysis type
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10899	Structural	Linear Combination
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10948	Structural	Linear Combination
10949	Structural	Linear Combination

Case	Nature	Analysis type
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10951	Structural	Linear Combination
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11001	Structural	Linear Combination

Case	Nature	Analysis type
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11053	Structural	Linear Combination

Case	Nature	Analysis type
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11105	Structural	Linear Combination

Case	Nature	Analysis type
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Case	Nature	Analysis type
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11209	Structural	Linear Combination

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Case	Nature	Analysis type
11210	Structural	Linear Combination
11211	Structural	Linear Combination
11212	Structural	Linear Combination
11213	Structural	Linear Combination
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Case	Nature	Analysis type
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11313	Structural	Linear Combination

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Case	Nature	Analysis type
11314	Structural	Linear Combination
11315	Structural	Linear Combination
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11364	Structural	Linear Combination
11365	Structural	Linear Combination

Case	Nature	Analysis type
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11417	Structural	Linear Combination

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Case	Nature	Analysis type
11418	Structural	Linear Combination
11419	Structural	Linear Combination
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11422	Structural	Linear Combination
11423	Structural	Linear Combination
11424	Structural	Linear Combination
11425	Structural	Linear Combination
11426	Structural	Linear Combination
11427	Structural	Linear Combination
11428	Structural	Linear Combination
11429	Structural	Linear Combination
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11431	Structural	Linear Combination
11432	Structural	Linear Combination
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Case	Nature	Analysis type
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11475	Structural	Linear Combination
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11519	Structural	Linear Combination
11520	Structural	Linear Combination
11521	Structural	Linear Combination

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Case	Nature	Analysis type
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11523	Structural	Linear Combination
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Case	Nature	Analysis type
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11625	Structural	Linear Combination

Case	Nature	Analysis type
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Case	Nature	Analysis type
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11729	Structural	Linear Combination

Case	Nature	Analysis type
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Case	Nature	Analysis type
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11833	Structural	Linear Combination

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Case	Nature	Analysis type
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Case	Nature	Analysis type
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11937	Structural	Linear Combination

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Case	Nature	Analysis type
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11989	Structural	Linear Combination

Case	Nature	Analysis type
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11991	Structural	Linear Combination
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12041	Structural	Linear Combination

Case	Nature	Analysis type
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12093	Structural	Linear Combination

Case	Nature	Analysis type
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12145	Structural	Linear Combination

Case	Nature	Analysis type
12146	Structural	Linear Combination
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12190	Structural	Linear Combination
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12194	Structural	Linear Combination
12195	Structural	Linear Combination
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12197	Structural	Linear Combination

Case	Nature	Analysis type
12198	Structural	Linear Combination
12199	Structural	Linear Combination
12200	Structural	Linear Combination
12201	Structural	Linear Combination
12202	Structural	Linear Combination
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12215	Structural	Linear Combination
12216	Structural	Linear Combination
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12218	Structural	Linear Combination
12219	Structural	Linear Combination
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12223	Structural	Linear Combination
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12225	Structural	Linear Combination
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12232	Structural	Linear Combination
12233	Structural	Linear Combination
12234	Structural	Linear Combination
12235	Structural	Linear Combination
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12246	Structural	Linear Combination
12247	Structural	Linear Combination
12248	Structural	Linear Combination
12249	Structural	Linear Combination

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Case	Nature	Analysis type
12250	Structural	Linear Combination
12251	Structural	Linear Combination
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12260	Structural	Linear Combination
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12263	Structural	Linear Combination
12264	Structural	Linear Combination
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12274	Structural	Linear Combination
12275	Structural	Linear Combination
12276	Structural	Linear Combination
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12279	Structural	Linear Combination
12280	Structural	Linear Combination
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12295	Structural	Linear Combination
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12298	Structural	Linear Combination
12299	Structural	Linear Combination
12300	Structural	Linear Combination
12301	Structural	Linear Combination

Case	Nature	Analysis type
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12305	Structural	Linear Combination
12306	Structural	Linear Combination
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12353	Structural	Linear Combination

Case	Nature	Analysis type
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12359	Structural	Linear Combination
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12364	Structural	Linear Combination
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12401	Structural	Linear Combination
12402	Structural	Linear Combination
12403	Structural	Linear Combination
12404	Structural	Linear Combination
12405	Structural	Linear Combination

Case	Nature	Analysis type
12406	Structural	Linear Combination
12407	Structural	Linear Combination
12408	Structural	Linear Combination
12409	Structural	Linear Combination
12410	Structural	Linear Combination
12411	Structural	Linear Combination
12412	Structural	Linear Combination
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Case	Nature	Analysis type
12458	Structural	Linear Combination
12459	Structural	Linear Combination
12460	Structural	Linear Combination
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12464	Structural	Linear Combination
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12471	Structural	Linear Combination
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12499	Structural	Linear Combination
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12501	Structural	Linear Combination
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12505	Structural	Linear Combination
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12507	Structural	Linear Combination
12508	Structural	Linear Combination
12509	Structural	Linear Combination

Case	Nature	Analysis type
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12511	Structural	Linear Combination
12512	Structural	Linear Combination
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Case	Nature	Analysis type
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12613	Structural	Linear Combination

Case	Nature	Analysis type
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12615	Structural	Linear Combination
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12665	Structural	Linear Combination

Case	Nature	Analysis type
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12717	Structural	Linear Combination

Case	Nature	Analysis type
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12719	Structural	Linear Combination
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12769	Structural	Linear Combination

Case	Nature	Analysis type
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12810	Structural	Linear Combination
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12821	Structural	Linear Combination

Case	Nature	Analysis type
12822	Structural	Linear Combination
12823	Structural	Linear Combination
12824	Structural	Linear Combination
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12827	Structural	Linear Combination
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12831	Structural	Linear Combination
12832	Structural	Linear Combination
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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12977	Structural	Linear Combination

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Case	Nature	Analysis type
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Case	Nature	Analysis type
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13081	Structural	Linear Combination

Case	Nature	Analysis type
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Case	Nature	Analysis type
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13185	Structural	Linear Combination

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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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13601	Structural	Linear Combination

Case	Nature	Analysis type
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13653	Structural	Linear Combination

Case	Nature	Analysis type
13654	Structural	Linear Combination
13655	Structural	Linear Combination
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13658	Structural	Linear Combination
13659	Structural	Linear Combination
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13703	Structural	Linear Combination
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13705	Structural	Linear Combination

Case	Nature	Analysis type
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13707	Structural	Linear Combination
13708	Structural	Linear Combination
13709	Structural	Linear Combination
13710	Structural	Linear Combination
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13756	Structural	Linear Combination
13757	Structural	Linear Combination

Case	Nature	Analysis type
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13759	Structural	Linear Combination
13760	Structural	Linear Combination
13761	Structural	Linear Combination
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13808	Structural	Linear Combination
13809	Structural	Linear Combination

Case	Nature	Analysis type
13810	Structural	Linear Combination
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13861	Structural	Linear Combination

Case	Nature	Analysis type
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13863	Structural	Linear Combination
13864	Structural	Linear Combination
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13868	Structural	Linear Combination
13869	Structural	Linear Combination
13870	Structural	Linear Combination
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13912	Structural	Linear Combination
13913	Structural	Linear Combination

Case	Nature	Analysis type
13914	Structural	Linear Combination
13915	Structural	Linear Combination
13916	Structural	Linear Combination
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13963	Structural	Linear Combination
13964	Structural	Linear Combination
13965	Structural	Linear Combination

Case	Nature	Analysis type
13966	Structural	Linear Combination
13967	Structural	Linear Combination
13968	Structural	Linear Combination
13969	Structural	Linear Combination
13970	Structural	Linear Combination
13971	Structural	Linear Combination
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14016	Structural	Linear Combination
14017	Structural	Linear Combination

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Case	Nature	Analysis type
14018	Structural	Linear Combination
14019	Structural	Linear Combination
14020	Structural	Linear Combination
14021	Structural	Linear Combination
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14027	Structural	Linear Combination
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14031	Structural	Linear Combination
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14058	Structural	Linear Combination
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14060	Structural	Linear Combination
14061	Structural	Linear Combination
14062	Structural	Linear Combination
14063	Structural	Linear Combination
14064	Structural	Linear Combination
14065	Structural	Linear Combination
14066	Structural	Linear Combination
14067	Structural	Linear Combination
14068	Structural	Linear Combination
14069	Structural	Linear Combination

Case	Nature	Analysis type
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14071	Structural	Linear Combination
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14121	Structural	Linear Combination

Case	Nature	Analysis type
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14173	Structural	Linear Combination

Case	Nature	Analysis type
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14175	Structural	Linear Combination
14176	Structural	Linear Combination
14177	Structural	Linear Combination
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14223	Structural	Linear Combination
14224	Structural	Linear Combination
14225	Structural	Linear Combination

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Case	Nature	Analysis type
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14227	Structural	Linear Combination
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14235	Structural	Linear Combination
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14237	Structural	Linear Combination
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14239	Structural	Linear Combination
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14260	Structural	Linear Combination
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14263	Structural	Linear Combination
14264	Structural	Linear Combination
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14267	Structural	Linear Combination
14268	Structural	Linear Combination
14269	Structural	Linear Combination
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14271	Structural	Linear Combination
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14273	Structural	Linear Combination
14274	Structural	Linear Combination
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14276	Structural	Linear Combination
14277	Structural	Linear Combination

Case	Nature	Analysis type
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14279	Structural	Linear Combination
14280	Structural	Linear Combination
14281	Structural	Linear Combination
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14284	Structural	Linear Combination
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14326	Structural	Linear Combination
14327	Structural	Linear Combination
14328	Structural	Linear Combination
14329	Structural	Linear Combination

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Case	Nature	Analysis type
14330	Structural	Linear Combination
14331	Structural	Linear Combination
14332	Structural	Linear Combination
14333	Structural	Linear Combination
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14339	Structural	Linear Combination
14340	Structural	Linear Combination
14341	Structural	Linear Combination
14342	Structural	Linear Combination
14343	Structural	Linear Combination
14344	Structural	Linear Combination
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14349	Structural	Linear Combination
14350	Structural	Linear Combination
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14352	Structural	Linear Combination
14353	Structural	Linear Combination
14354	Structural	Linear Combination
14355	Structural	Linear Combination
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14357	Structural	Linear Combination
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14364	Structural	Linear Combination
14365	Structural	Linear Combination
14366	Structural	Linear Combination
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14368	Structural	Linear Combination
14369	Structural	Linear Combination
14370	Structural	Linear Combination
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14373	Structural	Linear Combination
14374	Structural	Linear Combination
14375	Structural	Linear Combination
14376	Structural	Linear Combination
14377	Structural	Linear Combination
14378	Structural	Linear Combination
14379	Structural	Linear Combination
14380	Structural	Linear Combination
14381	Structural	Linear Combination

Case	Nature	Analysis type
14382	Structural	Linear Combination
14383	Structural	Linear Combination
14384	Structural	Linear Combination
14385	Structural	Linear Combination
14386	Structural	Linear Combination
14387	Structural	Linear Combination
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14395	Structural	Linear Combination
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14398	Structural	Linear Combination
14399	Structural	Linear Combination
14400	Structural	Linear Combination
14401	Structural	Linear Combination
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14433	Structural	Linear Combination

Case	Nature	Analysis type
14434	Structural	Linear Combination
14435	Structural	Linear Combination
14436	Structural	Linear Combination
14437	Structural	Linear Combination
14438	Structural	Linear Combination
14439	Structural	Linear Combination
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14477	Structural	Linear Combination
14478	Structural	Linear Combination
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14480	Structural	Linear Combination
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14483	Structural	Linear Combination
14484	Structural	Linear Combination
14485	Structural	Linear Combination

Case	Nature	Analysis type
14486	Structural	Linear Combination
14487	Structural	Linear Combination
14488	Structural	Linear Combination
14489	Structural	Linear Combination
14490	Structural	Linear Combination
14491	Structural	Linear Combination
14492	Structural	Linear Combination
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14509	Structural	Linear Combination
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14535	Structural	Linear Combination
14536	Structural	Linear Combination
14537	Structural	Linear Combination

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Case	Nature	Analysis type
14538	Structural	Linear Combination
14539	Structural	Linear Combination
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14541	Structural	Linear Combination
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14585	Structural	Linear Combination
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14587	Structural	Linear Combination
14588	Structural	Linear Combination
14589	Structural	Linear Combination

Case	Nature	Analysis type
14590	Structural	Linear Combination
14591	Structural	Linear Combination
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14595	Structural	Linear Combination
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14640	Structural	Linear Combination
14641	Structural	Linear Combination

Case	Nature	Analysis type
14642	Structural	Linear Combination
14643	Structural	Linear Combination
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14688	Structural	Linear Combination
14689	Structural	Linear Combination
14690	Structural	Linear Combination
14691	Structural	Linear Combination
14692	Structural	Linear Combination
14693	Structural	Linear Combination

Case	Nature	Analysis type
14694	Structural	Linear Combination
14695	Structural	Linear Combination
14696	Structural	Linear Combination
14697	Structural	Linear Combination
14698	Structural	Linear Combination
14699	Structural	Linear Combination
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14745	Structural	Linear Combination

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Case	Nature	Analysis type
14746	Structural	Linear Combination
14747	Structural	Linear Combination
14748	Structural	Linear Combination
14749	Structural	Linear Combination
14750	Structural	Linear Combination
14751	Structural	Linear Combination
14752	Structural	Linear Combination
14753	Structural	Linear Combination
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14755	Structural	Linear Combination
14756	Structural	Linear Combination
14757	Structural	Linear Combination
14758	Structural	Linear Combination
14759	Structural	Linear Combination
14760	Structural	Linear Combination
14761	Structural	Linear Combination
14762	Structural	Linear Combination
14763	Structural	Linear Combination
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14778	Structural	Linear Combination
14779	Structural	Linear Combination
14780	Structural	Linear Combination
14781	Structural	Linear Combination
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14789	Structural	Linear Combination
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14797	Structural	Linear Combination

Case	Nature	Analysis type
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14799	Structural	Linear Combination
14800	Structural	Linear Combination
14801	Structural	Linear Combination
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14804	Structural	Linear Combination
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14849	Structural	Linear Combination

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Case	Nature	Analysis type
14850	Structural	Linear Combination
14851	Structural	Linear Combination
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14853	Structural	Linear Combination
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14855	Structural	Linear Combination
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14859	Structural	Linear Combination
14860	Structural	Linear Combination
14861	Structural	Linear Combination
14862	Structural	Linear Combination
14863	Structural	Linear Combination
14864	Structural	Linear Combination
14865	Structural	Linear Combination
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14874	Structural	Linear Combination
14875	Structural	Linear Combination
14876	Structural	Linear Combination
14877	Structural	Linear Combination
14878	Structural	Linear Combination
14879	Structural	Linear Combination
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14884	Structural	Linear Combination
14885	Structural	Linear Combination
14886	Structural	Linear Combination
14887	Structural	Linear Combination
14888	Structural	Linear Combination
14889	Structural	Linear Combination
14890	Structural	Linear Combination
14891	Structural	Linear Combination
14892	Structural	Linear Combination
14893	Structural	Linear Combination
14894	Structural	Linear Combination
14895	Structural	Linear Combination
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14897	Structural	Linear Combination
14898	Structural	Linear Combination
14899	Structural	Linear Combination
14900	Structural	Linear Combination
14901	Structural	Linear Combination

Case	Nature	Analysis type
14902	Structural	Linear Combination
14903	Structural	Linear Combination
14904	Structural	Linear Combination
14905	Structural	Linear Combination
14906	Structural	Linear Combination
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14908	Structural	Linear Combination
14909	Structural	Linear Combination
14910	Structural	Linear Combination
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14951	Structural	Linear Combination
14952	Structural	Linear Combination
14953	Structural	Linear Combination

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Case	Nature	Analysis type
14954	Structural	Linear Combination
14955	Structural	Linear Combination
14956	Structural	Linear Combination
14957	Structural	Linear Combination
14958	Structural	Linear Combination
14959	Structural	Linear Combination
14960	Structural	Linear Combination
14961	Structural	Linear Combination
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14963	Structural	Linear Combination
14964	Structural	Linear Combination
14965	Structural	Linear Combination
14966	Structural	Linear Combination
14967	Structural	Linear Combination
14968	Structural	Linear Combination
14969	Structural	Linear Combination
14970	Structural	Linear Combination
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14985	Structural	Linear Combination
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14992	Structural	Linear Combination
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14994	Structural	Linear Combination
14995	Structural	Linear Combination
14996	Structural	Linear Combination
14997	Structural	Linear Combination
14998	Structural	Linear Combination
14999	Structural	Linear Combination
15000	Structural	Linear Combination
15001	Structural	Linear Combination
15002	Structural	Linear Combination
15003	Structural	Linear Combination
15004	Structural	Linear Combination
15005	Structural	Linear Combination

Case	Nature	Analysis type
15006	Structural	Linear Combination
15007	Structural	Linear Combination
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15057	Structural	Linear Combination

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Case	Nature	Analysis type
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Case	Nature	Analysis type
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15161	Structural	Linear Combination

Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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15732	Structural	Linear Combination
15733	Structural	Linear Combination

Case	Nature	Analysis type
15734	Structural	Linear Combination
15735	Structural	Linear Combination
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15737	Structural	Linear Combination
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15784	Structural	Linear Combination
15785	Structural	Linear Combination

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Case	Nature	Analysis type
15786	Structural	Linear Combination
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Case	Nature	Analysis type
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15839	Structural	Linear Combination
15840	Structural	Linear Combination
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Case	Nature	Analysis type
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15941	Structural	Linear Combination

Case	Nature	Analysis type
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15993	Structural	Linear Combination

Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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16201	Structural	Linear Combination

Case	Nature	Analysis type
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16253	Structural	Linear Combination

Case	Nature	Analysis type
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20002	dead	Linear Combination
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20004	dead	Linear Combination
20005	dead	Linear Combination
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20025	dead	Linear Combination

Case	Nature	Analysis type
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20027	dead	Linear Combination
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20076	dead	Linear Combination
20077	dead	Linear Combination

Case	Nature	Analysis type
20078	dead	Linear Combination
20079	dead	Linear Combination
20080	dead	Linear Combination
20081	dead	Linear Combination
20082	dead	Linear Combination
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20128	dead	Linear Combination
20129	dead	Linear Combination

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Case	Nature	Analysis type
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20131	dead	Linear Combination
20132	dead	Linear Combination
20133	dead	Linear Combination
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20145	dead	Linear Combination
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20179	dead	Linear Combination
20180	dead	Linear Combination
20181	dead	Linear Combination

Case	Nature	Analysis type
20182	dead	Linear Combination
20183	dead	Linear Combination
20184	dead	Linear Combination
20185	dead	Linear Combination
20186	dead	Linear Combination
20187	dead	Linear Combination
20188	dead	Linear Combination
20189	dead	Linear Combination
20190	dead	Linear Combination
20191	dead	Linear Combination
20192	dead	Linear Combination
20193	dead	Linear Combination
20194	dead	Linear Combination
20195	dead	Linear Combination
20196	dead	Linear Combination
20197	dead	Linear Combination
20198	dead	Linear Combination
20199	dead	Linear Combination
20200	dead	Linear Combination
20201	dead	Linear Combination
20202	dead	Linear Combination
20203	dead	Linear Combination
20204	dead	Linear Combination
20205	dead	Linear Combination
20206	dead	Linear Combination
20207	dead	Linear Combination
20208	dead	Linear Combination
20209	dead	Linear Combination
20210	dead	Linear Combination
20211	dead	Linear Combination
20212	dead	Linear Combination
20213	dead	Linear Combination
20214	dead	Linear Combination
20215	dead	Linear Combination
20216	dead	Linear Combination
20217	dead	Linear Combination
20218	dead	Linear Combination
20219	dead	Linear Combination
20220	dead	Linear Combination
20221	dead	Linear Combination
20222	dead	Linear Combination
20223	dead	Linear Combination
20224	dead	Linear Combination
20225	dead	Linear Combination
20226	dead	Linear Combination
20227	dead	Linear Combination
20228	dead	Linear Combination
20229	dead	Linear Combination
20230	dead	Linear Combination
20231	dead	Linear Combination
20232	dead	Linear Combination
20233	dead	Linear Combination

Case	Nature	Analysis type
20234	dead	Linear Combination
20235	dead	Linear Combination
20236	dead	Linear Combination
20237	dead	Linear Combination
20238	dead	Linear Combination
20239	dead	Linear Combination
20240	dead	Linear Combination
20241	dead	Linear Combination
20242	dead	Linear Combination
20243	dead	Linear Combination
20244	dead	Linear Combination
20245	dead	Linear Combination
20246	dead	Linear Combination
20247	dead	Linear Combination
20248	dead	Linear Combination
20249	dead	Linear Combination
20250	dead	Linear Combination
20251	dead	Linear Combination
20252	dead	Linear Combination
20253	dead	Linear Combination
20254	dead	Linear Combination
20255	dead	Linear Combination
20256	dead	Linear Combination
20257	dead	Linear Combination
20258	dead	Linear Combination
20259	dead	Linear Combination
20260	dead	Linear Combination
20261	dead	Linear Combination
20262	dead	Linear Combination
20263	dead	Linear Combination
20264	dead	Linear Combination
20265	dead	Linear Combination
20266	dead	Linear Combination
20267	dead	Linear Combination
20268	dead	Linear Combination
20269	dead	Linear Combination
20270	dead	Linear Combination
20271	dead	Linear Combination
20272	dead	Linear Combination
20273	dead	Linear Combination
20274	dead	Linear Combination
20275	dead	Linear Combination
20276	dead	Linear Combination
20277	dead	Linear Combination
20278	dead	Linear Combination
20279	dead	Linear Combination
20280	dead	Linear Combination
20281	dead	Linear Combination
20282	dead	Linear Combination
20283	dead	Linear Combination
20284	dead	Linear Combination
20285	dead	Linear Combination

Case	Nature	Analysis type
20286	dead	Linear Combination
20287	dead	Linear Combination
20288	dead	Linear Combination
20289	dead	Linear Combination
20290	dead	Linear Combination
20291	dead	Linear Combination
20292	dead	Linear Combination
20293	dead	Linear Combination
20294	dead	Linear Combination
20295	dead	Linear Combination
20296	dead	Linear Combination
20297	dead	Linear Combination
20298	dead	Linear Combination
20299	dead	Linear Combination
20300	dead	Linear Combination
20301	dead	Linear Combination
20302	dead	Linear Combination
20303	dead	Linear Combination
20304	dead	Linear Combination
20305	dead	Linear Combination
20306	dead	Linear Combination
20307	dead	Linear Combination
20308	dead	Linear Combination
20309	dead	Linear Combination
20310	dead	Linear Combination
20311	dead	Linear Combination
20312	dead	Linear Combination
20313	dead	Linear Combination
20314	dead	Linear Combination
20315	dead	Linear Combination
20316	dead	Linear Combination
20317	dead	Linear Combination
20318	dead	Linear Combination
20319	dead	Linear Combination
20320	dead	Linear Combination
20321	dead	Linear Combination
20322	dead	Linear Combination
20323	dead	Linear Combination
20324	dead	Linear Combination
20325	dead	Linear Combination
20326	dead	Linear Combination
20327	dead	Linear Combination
20328	dead	Linear Combination
20329	dead	Linear Combination
20330	dead	Linear Combination
20331	dead	Linear Combination
20332	dead	Linear Combination
20333	dead	Linear Combination
20334	dead	Linear Combination
20335	dead	Linear Combination
20336	dead	Linear Combination
20337	dead	Linear Combination

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Case	Nature	Analysis type
20338	dead	Linear Combination
20339	dead	Linear Combination
20340	dead	Linear Combination
20341	dead	Linear Combination
20342	dead	Linear Combination
20343	dead	Linear Combination
20344	dead	Linear Combination
20345	dead	Linear Combination
20346	dead	Linear Combination
20347	dead	Linear Combination
20348	dead	Linear Combination
20349	dead	Linear Combination
20350	dead	Linear Combination
20351	dead	Linear Combination
20352	dead	Linear Combination
20353	dead	Linear Combination
20354	dead	Linear Combination
20355	dead	Linear Combination
20356	dead	Linear Combination
20357	dead	Linear Combination
20358	dead	Linear Combination
20359	dead	Linear Combination
20360	dead	Linear Combination
20361	dead	Linear Combination
20362	dead	Linear Combination
20363	dead	Linear Combination
20364	dead	Linear Combination
20365	dead	Linear Combination
20366	dead	Linear Combination
20367	dead	Linear Combination
20368	dead	Linear Combination
20369	dead	Linear Combination
20370	dead	Linear Combination
20371	dead	Linear Combination
20372	dead	Linear Combination
20373	dead	Linear Combination
20374	dead	Linear Combination
20375	dead	Linear Combination
20376	dead	Linear Combination
20377	dead	Linear Combination
20378	dead	Linear Combination
20379	dead	Linear Combination
20380	dead	Linear Combination
20381	dead	Linear Combination
20382	dead	Linear Combination
20383	dead	Linear Combination
20384	dead	Linear Combination
20385	dead	Linear Combination
20386	dead	Linear Combination
20387	dead	Linear Combination
20388	dead	Linear Combination
20389	dead	Linear Combination

Case	Nature	Analysis type
20390	dead	Linear Combination
20391	dead	Linear Combination
20392	dead	Linear Combination
20393	dead	Linear Combination
20394	dead	Linear Combination
20395	dead	Linear Combination
20396	dead	Linear Combination
20397	dead	Linear Combination
20398	dead	Linear Combination
20399	dead	Linear Combination
20400	dead	Linear Combination
20401	dead	Linear Combination
20402	dead	Linear Combination
20403	dead	Linear Combination
20404	dead	Linear Combination
20405	dead	Linear Combination
20406	dead	Linear Combination
20407	dead	Linear Combination
20408	dead	Linear Combination
20409	dead	Linear Combination
20410	dead	Linear Combination
20411	dead	Linear Combination
20412	dead	Linear Combination
20413	dead	Linear Combination
20414	dead	Linear Combination
20415	dead	Linear Combination
20416	dead	Linear Combination
20417	dead	Linear Combination
20418	dead	Linear Combination
20419	dead	Linear Combination
20420	dead	Linear Combination
20421	dead	Linear Combination
20422	dead	Linear Combination
20423	dead	Linear Combination
20424	dead	Linear Combination
20425	dead	Linear Combination
20426	dead	Linear Combination
20427	dead	Linear Combination
20428	dead	Linear Combination
20429	dead	Linear Combination
20430	dead	Linear Combination
20431	dead	Linear Combination
20432	dead	Linear Combination
20433	dead	Linear Combination
20434	dead	Linear Combination
20435	dead	Linear Combination
20436	dead	Linear Combination
20437	dead	Linear Combination
20438	dead	Linear Combination
20439	dead	Linear Combination
20440	dead	Linear Combination
20441	dead	Linear Combination

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Case	Nature	Analysis type
20442	dead	Linear Combination
20443	dead	Linear Combination
20444	dead	Linear Combination
20445	dead	Linear Combination
20446	dead	Linear Combination
20447	dead	Linear Combination
20448	dead	Linear Combination
20449	dead	Linear Combination
20450	dead	Linear Combination
20451	dead	Linear Combination
20452	dead	Linear Combination
20453	dead	Linear Combination
20454	dead	Linear Combination
20455	dead	Linear Combination
20456	dead	Linear Combination
20457	dead	Linear Combination
20458	dead	Linear Combination
20459	dead	Linear Combination
20460	dead	Linear Combination
20461	dead	Linear Combination
20462	dead	Linear Combination
20463	dead	Linear Combination
20464	dead	Linear Combination
20465	dead	Linear Combination
20466	dead	Linear Combination
20467	dead	Linear Combination
20468	dead	Linear Combination
20469	dead	Linear Combination
20470	dead	Linear Combination
20471	dead	Linear Combination
20472	dead	Linear Combination
20473	dead	Linear Combination
20474	dead	Linear Combination
20475	dead	Linear Combination
20476	dead	Linear Combination
20477	dead	Linear Combination
20478	dead	Linear Combination
20479	dead	Linear Combination
20480	dead	Linear Combination
20481	dead	Linear Combination
20482	dead	Linear Combination
20483	dead	Linear Combination
20484	dead	Linear Combination
20485	dead	Linear Combination
20486	dead	Linear Combination
20487	dead	Linear Combination
20488	dead	Linear Combination
20489	dead	Linear Combination
20490	dead	Linear Combination
20491	dead	Linear Combination
20492	dead	Linear Combination
20493	dead	Linear Combination

Case	Nature	Analysis type
20494	dead	Linear Combination
20495	dead	Linear Combination
20496	dead	Linear Combination
20497	dead	Linear Combination
20498	dead	Linear Combination
20499	dead	Linear Combination
20500	dead	Linear Combination
20501	dead	Linear Combination
20502	dead	Linear Combination
20503	dead	Linear Combination
20504	dead	Linear Combination
20505	dead	Linear Combination
20506	dead	Linear Combination
20507	dead	Linear Combination
20508	dead	Linear Combination
20509	dead	Linear Combination
20510	dead	Linear Combination
20511	dead	Linear Combination
20512	dead	Linear Combination
20513	dead	Linear Combination
20514	dead	Linear Combination
20515	dead	Linear Combination
20516	dead	Linear Combination
20517	dead	Linear Combination
20518	dead	Linear Combination
20519	dead	Linear Combination
20520	dead	Linear Combination
20521	dead	Linear Combination
20522	dead	Linear Combination
20523	dead	Linear Combination
20524	dead	Linear Combination
20525	dead	Linear Combination
20526	dead	Linear Combination
20527	dead	Linear Combination
20528	dead	Linear Combination
20529	dead	Linear Combination
20530	dead	Linear Combination
20531	dead	Linear Combination
20532	dead	Linear Combination
20533	dead	Linear Combination
20534	dead	Linear Combination
20535	dead	Linear Combination
20536	dead	Linear Combination
20537	dead	Linear Combination
20538	dead	Linear Combination
20539	dead	Linear Combination
20540	dead	Linear Combination
20541	dead	Linear Combination
20542	dead	Linear Combination
20543	dead	Linear Combination
20544	dead	Linear Combination
20545	dead	Linear Combination

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Case	Nature	Analysis type
20546	dead	Linear Combination
20547	dead	Linear Combination
20548	dead	Linear Combination
20549	dead	Linear Combination
20550	dead	Linear Combination
20551	dead	Linear Combination
20552	dead	Linear Combination
20553	dead	Linear Combination
20554	dead	Linear Combination
20555	dead	Linear Combination
20556	dead	Linear Combination
20557	dead	Linear Combination
20558	dead	Linear Combination
20559	dead	Linear Combination
20560	dead	Linear Combination
20561	dead	Linear Combination
20562	dead	Linear Combination
20563	dead	Linear Combination
20564	dead	Linear Combination
20565	dead	Linear Combination
20566	dead	Linear Combination
20567	dead	Linear Combination
20568	dead	Linear Combination
20569	dead	Linear Combination
20570	dead	Linear Combination
20571	dead	Linear Combination
20572	dead	Linear Combination
20573	dead	Linear Combination
20574	dead	Linear Combination
20575	dead	Linear Combination
20576	dead	Linear Combination
20577	dead	Linear Combination
20578	dead	Linear Combination
20579	dead	Linear Combination
20580	dead	Linear Combination
20581	dead	Linear Combination
20582	dead	Linear Combination
20583	dead	Linear Combination
20584	dead	Linear Combination
20585	dead	Linear Combination
20586	dead	Linear Combination
20587	dead	Linear Combination
20588	dead	Linear Combination
20589	dead	Linear Combination
20590	dead	Linear Combination
20591	dead	Linear Combination
20592	dead	Linear Combination
20593	dead	Linear Combination
20594	dead	Linear Combination
20595	dead	Linear Combination
20596	dead	Linear Combination
20597	dead	Linear Combination

Case	Nature	Analysis type
20598	dead	Linear Combination
20599	dead	Linear Combination
20600	dead	Linear Combination
20601	dead	Linear Combination
20602	dead	Linear Combination
20603	dead	Linear Combination
20604	dead	Linear Combination
20605	dead	Linear Combination
20606	dead	Linear Combination
20607	dead	Linear Combination
20608	dead	Linear Combination
20609	dead	Linear Combination
20610	dead	Linear Combination
20611	dead	Linear Combination
20612	dead	Linear Combination
20613	dead	Linear Combination
20614	dead	Linear Combination
20615	dead	Linear Combination
20616	dead	Linear Combination
20617	dead	Linear Combination
20618	dead	Linear Combination
20619	dead	Linear Combination
20620	dead	Linear Combination
20621	dead	Linear Combination
20622	dead	Linear Combination
20623	dead	Linear Combination
20624	dead	Linear Combination
20625	dead	Linear Combination
20626	dead	Linear Combination
20627	dead	Linear Combination
20628	dead	Linear Combination
20629	dead	Linear Combination
20630	dead	Linear Combination
20631	dead	Linear Combination
20632	dead	Linear Combination
20633	dead	Linear Combination
20634	dead	Linear Combination
20635	dead	Linear Combination
20636	dead	Linear Combination
20637	dead	Linear Combination
20638	dead	Linear Combination
20639	dead	Linear Combination
20640	dead	Linear Combination
20641	dead	Linear Combination
20642	dead	Linear Combination
20643	dead	Linear Combination
20644	dead	Linear Combination
20645	dead	Linear Combination
20646	dead	Linear Combination
20647	dead	Linear Combination
20648	dead	Linear Combination
20649	dead	Linear Combination

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Case	Nature	Analysis type
20650	dead	Linear Combination
20651	dead	Linear Combination
20652	dead	Linear Combination
20653	dead	Linear Combination
20654	dead	Linear Combination
20655	dead	Linear Combination
20656	dead	Linear Combination
20657	dead	Linear Combination
20658	dead	Linear Combination
20659	dead	Linear Combination
20660	dead	Linear Combination
20661	dead	Linear Combination
20662	dead	Linear Combination
20663	dead	Linear Combination
20664	dead	Linear Combination
20665	dead	Linear Combination
20666	dead	Linear Combination
20667	dead	Linear Combination
20668	dead	Linear Combination
20669	dead	Linear Combination
20670	dead	Linear Combination
20671	dead	Linear Combination
20672	dead	Linear Combination
20673	dead	Linear Combination
20674	dead	Linear Combination
20675	dead	Linear Combination
20676	dead	Linear Combination
20677	dead	Linear Combination
20678	dead	Linear Combination
20679	dead	Linear Combination
20680	dead	Linear Combination
20681	dead	Linear Combination
20682	dead	Linear Combination
20683	dead	Linear Combination
20684	dead	Linear Combination
20685	dead	Linear Combination
20686	dead	Linear Combination
20687	dead	Linear Combination
20688	dead	Linear Combination
20689	dead	Linear Combination
20690	dead	Linear Combination
20691	dead	Linear Combination
20692	dead	Linear Combination
20693	dead	Linear Combination
20694	dead	Linear Combination
20695	dead	Linear Combination
20696	dead	Linear Combination
20697	dead	Linear Combination
20698	dead	Linear Combination
20699	dead	Linear Combination
20700	dead	Linear Combination
20701	dead	Linear Combination

Case	Nature	Analysis type
20702	dead	Linear Combination
20703	dead	Linear Combination
20704	dead	Linear Combination
20705	dead	Linear Combination
20706	dead	Linear Combination
20707	dead	Linear Combination
20708	dead	Linear Combination
20709	dead	Linear Combination
20710	dead	Linear Combination
20711	dead	Linear Combination
20712	dead	Linear Combination
20713	dead	Linear Combination
20714	dead	Linear Combination
20715	dead	Linear Combination
20716	dead	Linear Combination
20717	dead	Linear Combination
20718	dead	Linear Combination
20719	dead	Linear Combination
20720	dead	Linear Combination
20721	dead	Linear Combination
20722	dead	Linear Combination
20723	dead	Linear Combination
20724	dead	Linear Combination
20725	dead	Linear Combination
20726	dead	Linear Combination
20727	dead	Linear Combination
20728	dead	Linear Combination
20729	dead	Linear Combination
20730	dead	Linear Combination
20731	dead	Linear Combination
20732	dead	Linear Combination
20733	dead	Linear Combination
20734	dead	Linear Combination
20735	dead	Linear Combination
20736	dead	Linear Combination
20737	dead	Linear Combination
20738	dead	Linear Combination
20739	dead	Linear Combination
20740	dead	Linear Combination
20741	dead	Linear Combination
20742	dead	Linear Combination
20743	dead	Linear Combination
20744	dead	Linear Combination
20745	dead	Linear Combination
20746	dead	Linear Combination
20747	dead	Linear Combination
20748	dead	Linear Combination
20749	dead	Linear Combination
20750	dead	Linear Combination
20751	dead	Linear Combination
20752	dead	Linear Combination
20753	dead	Linear Combination

Case	Nature	Analysis type
20754	dead	Linear Combination
20755	dead	Linear Combination
20756	dead	Linear Combination
20757	dead	Linear Combination
20758	dead	Linear Combination
20759	dead	Linear Combination
20760	dead	Linear Combination
20761	dead	Linear Combination
20762	dead	Linear Combination
20763	dead	Linear Combination
20764	dead	Linear Combination
20765	dead	Linear Combination
20766	dead	Linear Combination
20767	dead	Linear Combination
20768	dead	Linear Combination
20769	dead	Linear Combination
20770	dead	Linear Combination
20771	dead	Linear Combination
20772	dead	Linear Combination
20773	dead	Linear Combination
20774	dead	Linear Combination
20775	dead	Linear Combination
20776	dead	Linear Combination
20777	dead	Linear Combination
20778	dead	Linear Combination
20779	dead	Linear Combination
20780	dead	Linear Combination
20781	dead	Linear Combination
20782	dead	Linear Combination
20783	dead	Linear Combination
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20785	dead	Linear Combination
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20788	dead	Linear Combination
20789	dead	Linear Combination
20790	dead	Linear Combination
20791	dead	Linear Combination
20792	dead	Linear Combination
20793	dead	Linear Combination
20794	dead	Linear Combination
20795	dead	Linear Combination
20796	dead	Linear Combination
20797	dead	Linear Combination
20798	dead	Linear Combination
20799	dead	Linear Combination
20800	dead	Linear Combination
20801	dead	Linear Combination
20802	dead	Linear Combination
20803	dead	Linear Combination
20804	dead	Linear Combination
20805	dead	Linear Combination

Case	Nature	Analysis type
20806	dead	Linear Combination
20807	dead	Linear Combination
20808	dead	Linear Combination
20809	dead	Linear Combination
20810	dead	Linear Combination
20811	dead	Linear Combination
20812	dead	Linear Combination
20813	dead	Linear Combination
20814	dead	Linear Combination
20815	dead	Linear Combination
20816	dead	Linear Combination
20817	dead	Linear Combination
20818	dead	Linear Combination
20819	dead	Linear Combination
20820	dead	Linear Combination
20821	dead	Linear Combination
20822	dead	Linear Combination
20823	dead	Linear Combination
20824	dead	Linear Combination
20825	dead	Linear Combination
20826	dead	Linear Combination
20827	dead	Linear Combination
20828	dead	Linear Combination
20829	dead	Linear Combination
20830	dead	Linear Combination
20831	dead	Linear Combination
20832	dead	Linear Combination
20833	dead	Linear Combination
20834	dead	Linear Combination
20835	dead	Linear Combination
20836	dead	Linear Combination
20837	dead	Linear Combination
20838	dead	Linear Combination
20839	dead	Linear Combination
20840	dead	Linear Combination
20841	dead	Linear Combination
20842	dead	Linear Combination
20843	dead	Linear Combination
20844	dead	Linear Combination
20845	dead	Linear Combination
20846	dead	Linear Combination
20847	dead	Linear Combination
20848	dead	Linear Combination
20849	dead	Linear Combination
20850	dead	Linear Combination
20851	dead	Linear Combination
20852	dead	Linear Combination
20853	dead	Linear Combination
20854	dead	Linear Combination
20855	dead	Linear Combination
20856	dead	Linear Combination
20857	dead	Linear Combination

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Case	Nature	Analysis type
20858	dead	Linear Combination
20859	dead	Linear Combination
20860	dead	Linear Combination
20861	dead	Linear Combination
20862	dead	Linear Combination
20863	dead	Linear Combination
20864	dead	Linear Combination
20865	dead	Linear Combination
20866	dead	Linear Combination
20867	dead	Linear Combination
20868	dead	Linear Combination
20869	dead	Linear Combination
20870	dead	Linear Combination
20871	dead	Linear Combination
20872	dead	Linear Combination
20873	dead	Linear Combination
20874	dead	Linear Combination
20875	dead	Linear Combination
20876	dead	Linear Combination
20877	dead	Linear Combination
20878	dead	Linear Combination
20879	dead	Linear Combination
20880	dead	Linear Combination
20881	dead	Linear Combination
20882	dead	Linear Combination
20883	dead	Linear Combination
20884	dead	Linear Combination
20885	dead	Linear Combination
20886	dead	Linear Combination
20887	dead	Linear Combination
20888	dead	Linear Combination
20889	dead	Linear Combination
20890	dead	Linear Combination
20891	dead	Linear Combination
20892	dead	Linear Combination
20893	dead	Linear Combination
20894	dead	Linear Combination
20895	dead	Linear Combination
20896	dead	Linear Combination
20897	dead	Linear Combination
20898	dead	Linear Combination
20899	dead	Linear Combination
20900	dead	Linear Combination
20901	dead	Linear Combination
20902	dead	Linear Combination
20903	dead	Linear Combination
20904	dead	Linear Combination
20905	dead	Linear Combination
20906	dead	Linear Combination
20907	dead	Linear Combination
20908	dead	Linear Combination
20909	dead	Linear Combination

Case	Nature	Analysis type
20910	dead	Linear Combination
20911	dead	Linear Combination
20912	dead	Linear Combination
20913	dead	Linear Combination
20914	dead	Linear Combination
20915	dead	Linear Combination
20916	dead	Linear Combination
20917	dead	Linear Combination
20918	dead	Linear Combination
20919	dead	Linear Combination
20920	dead	Linear Combination
20921	dead	Linear Combination
20922	dead	Linear Combination
20923	dead	Linear Combination
20924	dead	Linear Combination
20925	dead	Linear Combination
20926	dead	Linear Combination
20927	dead	Linear Combination
20928	dead	Linear Combination
20929	dead	Linear Combination
20930	dead	Linear Combination
20931	dead	Linear Combination
20932	dead	Linear Combination
20933	dead	Linear Combination
20934	dead	Linear Combination
20935	dead	Linear Combination
20936	dead	Linear Combination
20937	dead	Linear Combination
20938	dead	Linear Combination
20939	dead	Linear Combination
20940	dead	Linear Combination
20941	dead	Linear Combination
20942	dead	Linear Combination
20943	dead	Linear Combination
20944	dead	Linear Combination
20945	dead	Linear Combination
20946	dead	Linear Combination
20947	dead	Linear Combination
20948	dead	Linear Combination
20949	dead	Linear Combination
20950	dead	Linear Combination
20951	dead	Linear Combination
20952	dead	Linear Combination
20953	dead	Linear Combination
20954	dead	Linear Combination
20955	dead	Linear Combination
20956	dead	Linear Combination
20957	dead	Linear Combination
20958	dead	Linear Combination
20959	dead	Linear Combination
20960	dead	Linear Combination
20961	dead	Linear Combination

Case	Nature	Analysis type
20962	dead	Linear Combination
20963	dead	Linear Combination
20964	dead	Linear Combination
20965	dead	Linear Combination
20966	dead	Linear Combination
20967	dead	Linear Combination
20968	dead	Linear Combination
20969	dead	Linear Combination
20970	dead	Linear Combination
20971	dead	Linear Combination
20972	dead	Linear Combination
20973	dead	Linear Combination
20974	dead	Linear Combination
20975	dead	Linear Combination
20976	dead	Linear Combination
20977	dead	Linear Combination
20978	dead	Linear Combination
20979	dead	Linear Combination
20980	dead	Linear Combination
20981	dead	Linear Combination
20982	dead	Linear Combination
20983	dead	Linear Combination
20984	dead	Linear Combination
20985	dead	Linear Combination
20986	dead	Linear Combination
20987	dead	Linear Combination
20988	dead	Linear Combination
20989	dead	Linear Combination
20990	dead	Linear Combination
20991	dead	Linear Combination
20992	dead	Linear Combination
20993	dead	Linear Combination
20994	dead	Linear Combination
20995	dead	Linear Combination
20996	dead	Linear Combination
20997	dead	Linear Combination
20998	dead	Linear Combination
20999	dead	Linear Combination
21000	dead	Linear Combination
21001	dead	Linear Combination
21002	dead	Linear Combination
21003	dead	Linear Combination
21004	dead	Linear Combination
21005	dead	Linear Combination
21006	dead	Linear Combination
21007	dead	Linear Combination
21008	dead	Linear Combination
21009	dead	Linear Combination
21010	dead	Linear Combination
21011	dead	Linear Combination
21012	dead	Linear Combination
21013	dead	Linear Combination

Case	Nature	Analysis type
21014	dead	Linear Combination
21015	dead	Linear Combination
21016	dead	Linear Combination
21017	dead	Linear Combination
21018	dead	Linear Combination
21019	dead	Linear Combination
21020	dead	Linear Combination
21021	dead	Linear Combination
21022	dead	Linear Combination
21023	dead	Linear Combination
21024	dead	Linear Combination
21025	dead	Linear Combination
21026	dead	Linear Combination
21027	dead	Linear Combination
21028	dead	Linear Combination
21029	dead	Linear Combination
21030	dead	Linear Combination
21031	dead	Linear Combination
21032	dead	Linear Combination
21033	dead	Linear Combination
21034	dead	Linear Combination
21035	dead	Linear Combination
21036	dead	Linear Combination
21037	dead	Linear Combination
21038	dead	Linear Combination
21039	dead	Linear Combination
21040	dead	Linear Combination
21041	dead	Linear Combination
21042	dead	Linear Combination
21043	dead	Linear Combination
21044	dead	Linear Combination
21045	dead	Linear Combination
21046	dead	Linear Combination
21047	dead	Linear Combination
21048	dead	Linear Combination
21049	dead	Linear Combination
21050	dead	Linear Combination
21051	dead	Linear Combination
21052	dead	Linear Combination
21053	dead	Linear Combination
21054	dead	Linear Combination
21055	dead	Linear Combination
21056	dead	Linear Combination
21057	dead	Linear Combination
21058	dead	Linear Combination
21059	dead	Linear Combination
21060	dead	Linear Combination
21061	dead	Linear Combination
21062	dead	Linear Combination
21063	dead	Linear Combination
21064	dead	Linear Combination
21065	dead	Linear Combination

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Case	Nature	Analysis type
21066	dead	Linear Combination
21067	dead	Linear Combination
21068	dead	Linear Combination
21069	dead	Linear Combination
21070	dead	Linear Combination
21071	dead	Linear Combination
21072	dead	Linear Combination
21073	dead	Linear Combination
21074	dead	Linear Combination
21075	dead	Linear Combination
21076	dead	Linear Combination
21077	dead	Linear Combination
21078	dead	Linear Combination
21079	dead	Linear Combination
21080	dead	Linear Combination
21081	dead	Linear Combination
21082	dead	Linear Combination
21083	dead	Linear Combination
21084	dead	Linear Combination
21085	dead	Linear Combination
21086	dead	Linear Combination
21087	dead	Linear Combination
21088	dead	Linear Combination
21089	dead	Linear Combination
21090	dead	Linear Combination
21091	dead	Linear Combination
21092	dead	Linear Combination
21093	dead	Linear Combination
21094	dead	Linear Combination
21095	dead	Linear Combination
21096	dead	Linear Combination
21097	dead	Linear Combination
21098	dead	Linear Combination
21099	dead	Linear Combination
21100	dead	Linear Combination
21101	dead	Linear Combination
21102	dead	Linear Combination
21103	dead	Linear Combination
21104	dead	Linear Combination
21105	dead	Linear Combination
21106	dead	Linear Combination
21107	dead	Linear Combination
21108	dead	Linear Combination
21109	dead	Linear Combination
21110	dead	Linear Combination
21111	dead	Linear Combination
21112	dead	Linear Combination
21113	dead	Linear Combination
21114	dead	Linear Combination
21115	dead	Linear Combination
21116	dead	Linear Combination
21117	dead	Linear Combination

Case	Nature	Analysis type
21118	dead	Linear Combination
21119	dead	Linear Combination
21120	dead	Linear Combination
21121	dead	Linear Combination
21122	dead	Linear Combination
21123	dead	Linear Combination
21124	dead	Linear Combination
21125	dead	Linear Combination
21126	dead	Linear Combination
21127	dead	Linear Combination
21128	dead	Linear Combination
21129	dead	Linear Combination
21130	dead	Linear Combination
21131	dead	Linear Combination
21132	dead	Linear Combination
21133	dead	Linear Combination
21134	dead	Linear Combination
21135	dead	Linear Combination
21136	dead	Linear Combination
21137	dead	Linear Combination
21138	dead	Linear Combination
21139	dead	Linear Combination
21140	dead	Linear Combination
21141	dead	Linear Combination
21142	dead	Linear Combination
21143	dead	Linear Combination
21144	dead	Linear Combination
21145	dead	Linear Combination
21146	dead	Linear Combination
21147	dead	Linear Combination
21148	dead	Linear Combination
21149	dead	Linear Combination
21150	dead	Linear Combination
21151	dead	Linear Combination
21152	dead	Linear Combination
21153	dead	Linear Combination
21154	dead	Linear Combination
21155	dead	Linear Combination
21156	dead	Linear Combination
21157	dead	Linear Combination
21158	dead	Linear Combination
21159	dead	Linear Combination
21160	dead	Linear Combination
21161	dead	Linear Combination
21162	dead	Linear Combination
21163	dead	Linear Combination
21164	dead	Linear Combination
21165	dead	Linear Combination
21166	dead	Linear Combination
21167	dead	Linear Combination
21168	dead	Linear Combination
21169	dead	Linear Combination

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Case	Nature	Analysis type
21170	dead	Linear Combination
21171	dead	Linear Combination
21172	dead	Linear Combination
21173	dead	Linear Combination
21174	dead	Linear Combination
21175	dead	Linear Combination
21176	dead	Linear Combination
21177	dead	Linear Combination
21178	dead	Linear Combination
21179	dead	Linear Combination
21180	dead	Linear Combination
21181	dead	Linear Combination
21182	dead	Linear Combination
21183	dead	Linear Combination
21184	dead	Linear Combination
21185	dead	Linear Combination
21186	dead	Linear Combination
21187	dead	Linear Combination
21188	dead	Linear Combination
21189	dead	Linear Combination
21190	dead	Linear Combination
21191	dead	Linear Combination
21192	dead	Linear Combination
21193	dead	Linear Combination
21194	dead	Linear Combination
21195	dead	Linear Combination
21196	dead	Linear Combination
21197	dead	Linear Combination
21198	dead	Linear Combination
21199	dead	Linear Combination
21200	dead	Linear Combination
21201	dead	Linear Combination
21202	dead	Linear Combination
21203	dead	Linear Combination
21204	dead	Linear Combination
21205	dead	Linear Combination
21206	dead	Linear Combination
21207	dead	Linear Combination
21208	dead	Linear Combination
21209	dead	Linear Combination
21210	dead	Linear Combination
21211	dead	Linear Combination
21212	dead	Linear Combination
21213	dead	Linear Combination
21214	dead	Linear Combination
21215	dead	Linear Combination
21216	dead	Linear Combination
21217	dead	Linear Combination
21218	dead	Linear Combination
21219	dead	Linear Combination
21220	dead	Linear Combination
21221	dead	Linear Combination

Case	Nature	Analysis type
21222	dead	Linear Combination
21223	dead	Linear Combination
21224	dead	Linear Combination
21225	dead	Linear Combination
21226	dead	Linear Combination
21227	dead	Linear Combination
21228	dead	Linear Combination
21229	dead	Linear Combination
21230	dead	Linear Combination
21231	dead	Linear Combination
21232	dead	Linear Combination
21233	dead	Linear Combination
21234	dead	Linear Combination
21235	dead	Linear Combination
21236	dead	Linear Combination
21237	dead	Linear Combination
21238	dead	Linear Combination
21239	dead	Linear Combination
21240	dead	Linear Combination
21241	dead	Linear Combination
21242	dead	Linear Combination
21243	dead	Linear Combination
21244	dead	Linear Combination
21245	dead	Linear Combination
21246	dead	Linear Combination
21247	dead	Linear Combination
21248	dead	Linear Combination
21249	dead	Linear Combination
21250	dead	Linear Combination
21251	dead	Linear Combination
21252	dead	Linear Combination
21253	dead	Linear Combination
21254	dead	Linear Combination
21255	dead	Linear Combination
21256	dead	Linear Combination
21257	dead	Linear Combination
21258	dead	Linear Combination
21259	dead	Linear Combination
21260	dead	Linear Combination
21261	dead	Linear Combination
21262	dead	Linear Combination
21263	dead	Linear Combination
21264	dead	Linear Combination
21265	dead	Linear Combination
21266	dead	Linear Combination
21267	dead	Linear Combination
21268	dead	Linear Combination
21269	dead	Linear Combination
21270	dead	Linear Combination
21271	dead	Linear Combination
21272	dead	Linear Combination
21273	dead	Linear Combination

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Case	Nature	Analysis type
21274	dead	Linear Combination
21275	dead	Linear Combination
21276	dead	Linear Combination
21277	dead	Linear Combination
21278	dead	Linear Combination
21279	dead	Linear Combination
21280	dead	Linear Combination
21281	dead	Linear Combination
21282	dead	Linear Combination
21283	dead	Linear Combination
21284	dead	Linear Combination
21285	dead	Linear Combination
21286	dead	Linear Combination
21287	dead	Linear Combination
21288	dead	Linear Combination
21289	dead	Linear Combination
21290	dead	Linear Combination
21291	dead	Linear Combination
21292	dead	Linear Combination
21293	dead	Linear Combination
21294	dead	Linear Combination
21295	dead	Linear Combination
21296	dead	Linear Combination
21297	dead	Linear Combination
21298	dead	Linear Combination
21299	dead	Linear Combination
21300	dead	Linear Combination
21301	dead	Linear Combination
21302	dead	Linear Combination
21303	dead	Linear Combination
21304	dead	Linear Combination
21305	dead	Linear Combination
21306	dead	Linear Combination
21307	dead	Linear Combination
21308	dead	Linear Combination
21309	dead	Linear Combination
21310	dead	Linear Combination
21311	dead	Linear Combination
21312	dead	Linear Combination
21313	dead	Linear Combination
21314	dead	Linear Combination
21315	dead	Linear Combination
21316	dead	Linear Combination
21317	dead	Linear Combination
21318	dead	Linear Combination
21319	dead	Linear Combination
21320	dead	Linear Combination
21321	dead	Linear Combination
21322	dead	Linear Combination
21323	dead	Linear Combination
21324	dead	Linear Combination
21325	dead	Linear Combination

Case	Nature	Analysis type
21326	dead	Linear Combination
21327	dead	Linear Combination
21328	dead	Linear Combination
21329	dead	Linear Combination
21330	dead	Linear Combination
21331	dead	Linear Combination
21332	dead	Linear Combination
21333	dead	Linear Combination
21334	dead	Linear Combination
21335	dead	Linear Combination
21336	dead	Linear Combination
21337	dead	Linear Combination
21338	dead	Linear Combination
21339	dead	Linear Combination
21340	dead	Linear Combination
21341	dead	Linear Combination
21342	dead	Linear Combination
21343	dead	Linear Combination
21344	dead	Linear Combination
21345	dead	Linear Combination
21346	dead	Linear Combination
21347	dead	Linear Combination
21348	dead	Linear Combination
21349	dead	Linear Combination
21350	dead	Linear Combination
21351	dead	Linear Combination
21352	dead	Linear Combination
21353	dead	Linear Combination
21354	dead	Linear Combination
21355	dead	Linear Combination
21356	dead	Linear Combination
21357	dead	Linear Combination
21358	dead	Linear Combination
21359	dead	Linear Combination
21360	dead	Linear Combination
21361	dead	Linear Combination
21362	dead	Linear Combination
21363	dead	Linear Combination
21364	dead	Linear Combination
21365	dead	Linear Combination
21366	dead	Linear Combination
21367	dead	Linear Combination
21368	dead	Linear Combination
21369	dead	Linear Combination
21370	dead	Linear Combination
21371	dead	Linear Combination
21372	dead	Linear Combination
21373	dead	Linear Combination
21374	dead	Linear Combination
21375	dead	Linear Combination
21376	dead	Linear Combination
21377	dead	Linear Combination

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Case	Nature	Analysis type
21378	dead	Linear Combination
21379	dead	Linear Combination
21380	dead	Linear Combination
21381	dead	Linear Combination
21382	dead	Linear Combination
21383	dead	Linear Combination
21384	dead	Linear Combination
21385	dead	Linear Combination
21386	dead	Linear Combination
21387	dead	Linear Combination
21388	dead	Linear Combination
21389	dead	Linear Combination
21390	dead	Linear Combination
21391	dead	Linear Combination
21392	dead	Linear Combination
21393	dead	Linear Combination
21394	dead	Linear Combination
21395	dead	Linear Combination
21396	dead	Linear Combination
21397	dead	Linear Combination
21398	dead	Linear Combination
21399	dead	Linear Combination
21400	dead	Linear Combination
21401	dead	Linear Combination
21402	dead	Linear Combination
21403	dead	Linear Combination
21404	dead	Linear Combination
21405	dead	Linear Combination
21406	dead	Linear Combination
21407	dead	Linear Combination
21408	dead	Linear Combination
21409	dead	Linear Combination
21410	dead	Linear Combination
21411	dead	Linear Combination
21412	dead	Linear Combination
21413	dead	Linear Combination
21414	dead	Linear Combination
21415	dead	Linear Combination
21416	dead	Linear Combination
21417	dead	Linear Combination
21418	dead	Linear Combination
21419	dead	Linear Combination
21420	dead	Linear Combination
21421	dead	Linear Combination
21422	dead	Linear Combination
21423	dead	Linear Combination
21424	dead	Linear Combination
21425	dead	Linear Combination
21426	dead	Linear Combination
21427	dead	Linear Combination
21428	dead	Linear Combination
21429	dead	Linear Combination

Case	Nature	Analysis type
21430	dead	Linear Combination
21431	dead	Linear Combination
21432	dead	Linear Combination
21433	dead	Linear Combination
21434	dead	Linear Combination
21435	dead	Linear Combination
21436	dead	Linear Combination
21437	dead	Linear Combination
21438	dead	Linear Combination
21439	dead	Linear Combination
21440	dead	Linear Combination
21441	dead	Linear Combination
21442	dead	Linear Combination
21443	dead	Linear Combination
21444	dead	Linear Combination
21445	dead	Linear Combination
21446	dead	Linear Combination
21447	dead	Linear Combination
21448	dead	Linear Combination
21449	dead	Linear Combination
21450	dead	Linear Combination
21451	dead	Linear Combination
21452	dead	Linear Combination
21453	dead	Linear Combination
21454	dead	Linear Combination
21455	dead	Linear Combination
21456	dead	Linear Combination
21457	dead	Linear Combination
21458	dead	Linear Combination
21459	dead	Linear Combination
21460	dead	Linear Combination
21461	dead	Linear Combination
21462	dead	Linear Combination
21463	dead	Linear Combination
21464	dead	Linear Combination
21465	dead	Linear Combination
21466	dead	Linear Combination
21467	dead	Linear Combination
21468	dead	Linear Combination
21469	dead	Linear Combination
21470	dead	Linear Combination
21471	dead	Linear Combination
21472	dead	Linear Combination
21473	dead	Linear Combination
21474	dead	Linear Combination
21475	dead	Linear Combination
21476	dead	Linear Combination
21477	dead	Linear Combination
21478	dead	Linear Combination
21479	dead	Linear Combination
21480	dead	Linear Combination
21481	dead	Linear Combination

Case	Nature	Analysis type
21482	dead	Linear Combination
21483	dead	Linear Combination
21484	dead	Linear Combination
21485	dead	Linear Combination
21486	dead	Linear Combination
21487	dead	Linear Combination
21488	dead	Linear Combination
21489	dead	Linear Combination
21490	dead	Linear Combination
21491	dead	Linear Combination
21492	dead	Linear Combination
21493	dead	Linear Combination
21494	dead	Linear Combination
21495	dead	Linear Combination
21496	dead	Linear Combination
21497	dead	Linear Combination
21498	dead	Linear Combination
21499	dead	Linear Combination
21500	dead	Linear Combination
21501	dead	Linear Combination
21502	dead	Linear Combination
21503	dead	Linear Combination
21504	dead	Linear Combination
21505	dead	Linear Combination
21506	dead	Linear Combination
21507	dead	Linear Combination
21508	dead	Linear Combination
21509	dead	Linear Combination
21510	dead	Linear Combination
21511	dead	Linear Combination
21512	dead	Linear Combination
21513	dead	Linear Combination
21514	dead	Linear Combination
21515	dead	Linear Combination
21516	dead	Linear Combination
21517	dead	Linear Combination
21518	dead	Linear Combination
21519	dead	Linear Combination
21520	dead	Linear Combination
21521	dead	Linear Combination
21522	dead	Linear Combination
21523	dead	Linear Combination
21524	dead	Linear Combination
21525	dead	Linear Combination
21526	dead	Linear Combination
21527	dead	Linear Combination
21528	dead	Linear Combination
21529	dead	Linear Combination
21530	dead	Linear Combination
21531	dead	Linear Combination
21532	dead	Linear Combination
21533	dead	Linear Combination

Case	Nature	Analysis type
21534	dead	Linear Combination
21535	dead	Linear Combination
21536	dead	Linear Combination
21537	dead	Linear Combination
21538	dead	Linear Combination
21539	dead	Linear Combination
21540	dead	Linear Combination
21541	dead	Linear Combination
21542	dead	Linear Combination
21543	dead	Linear Combination
21544	dead	Linear Combination
21545	dead	Linear Combination
21546	dead	Linear Combination
21547	dead	Linear Combination
21548	dead	Linear Combination
21549	dead	Linear Combination
21550	dead	Linear Combination
21551	dead	Linear Combination
21552	dead	Linear Combination
21553	dead	Linear Combination
21554	dead	Linear Combination
21555	dead	Linear Combination
21556	dead	Linear Combination
21557	dead	Linear Combination
21558	dead	Linear Combination
21559	dead	Linear Combination
21560	dead	Linear Combination
21561	dead	Linear Combination
21562	dead	Linear Combination
21563	dead	Linear Combination
21564	dead	Linear Combination
21565	dead	Linear Combination
21566	dead	Linear Combination
21567	dead	Linear Combination
21568	dead	Linear Combination
21569	dead	Linear Combination
21570	dead	Linear Combination
21571	dead	Linear Combination
21572	dead	Linear Combination
21573	dead	Linear Combination
21574	dead	Linear Combination
21575	dead	Linear Combination
21576	dead	Linear Combination
21577	dead	Linear Combination
21578	dead	Linear Combination
21579	dead	Linear Combination
21580	dead	Linear Combination
21581	dead	Linear Combination
21582	dead	Linear Combination
21583	dead	Linear Combination
21584	dead	Linear Combination
21585	dead	Linear Combination

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Case	Nature	Analysis type
21586	dead	Linear Combination
21587	dead	Linear Combination
21588	dead	Linear Combination
21589	dead	Linear Combination
21590	dead	Linear Combination
21591	dead	Linear Combination
21592	dead	Linear Combination
21593	dead	Linear Combination
21594	dead	Linear Combination
21595	dead	Linear Combination
21596	dead	Linear Combination
21597	dead	Linear Combination
21598	dead	Linear Combination
21599	dead	Linear Combination
21600	dead	Linear Combination
21601	dead	Linear Combination
21602	dead	Linear Combination
21603	dead	Linear Combination
21604	dead	Linear Combination
21605	dead	Linear Combination
21606	dead	Linear Combination
21607	dead	Linear Combination
21608	dead	Linear Combination
21609	dead	Linear Combination
21610	dead	Linear Combination
21611	dead	Linear Combination
21612	dead	Linear Combination
21613	dead	Linear Combination
21614	dead	Linear Combination
21615	dead	Linear Combination
21616	dead	Linear Combination
21617	dead	Linear Combination
21618	dead	Linear Combination
21619	dead	Linear Combination
21620	dead	Linear Combination
21621	dead	Linear Combination
21622	dead	Linear Combination
21623	dead	Linear Combination
21624	dead	Linear Combination
21625	dead	Linear Combination
21626	dead	Linear Combination
21627	dead	Linear Combination
21628	dead	Linear Combination
21629	dead	Linear Combination
21630	dead	Linear Combination
21631	dead	Linear Combination
21632	dead	Linear Combination
21633	dead	Linear Combination
21634	dead	Linear Combination
21635	dead	Linear Combination
21636	dead	Linear Combination
21637	dead	Linear Combination

Case	Nature	Analysis type
21638	dead	Linear Combination
21639	dead	Linear Combination
21640	dead	Linear Combination
21641	dead	Linear Combination
21642	dead	Linear Combination
21643	dead	Linear Combination
21644	dead	Linear Combination
21645	dead	Linear Combination
21646	dead	Linear Combination
21647	dead	Linear Combination
21648	dead	Linear Combination
21649	dead	Linear Combination
21650	dead	Linear Combination
21651	dead	Linear Combination
21652	dead	Linear Combination
21653	dead	Linear Combination
21654	dead	Linear Combination
21655	dead	Linear Combination
21656	dead	Linear Combination
21657	dead	Linear Combination
21658	dead	Linear Combination
21659	dead	Linear Combination
21660	dead	Linear Combination
21661	dead	Linear Combination
21662	dead	Linear Combination
21663	dead	Linear Combination
21664	dead	Linear Combination
21665	dead	Linear Combination
21666	dead	Linear Combination
21667	dead	Linear Combination
21668	dead	Linear Combination
21669	dead	Linear Combination
21670	dead	Linear Combination
21671	dead	Linear Combination
21672	dead	Linear Combination
21673	dead	Linear Combination
21674	dead	Linear Combination
21675	dead	Linear Combination
21676	dead	Linear Combination
21677	dead	Linear Combination
21678	dead	Linear Combination
21679	dead	Linear Combination
21680	dead	Linear Combination
21681	dead	Linear Combination
21682	dead	Linear Combination
21683	dead	Linear Combination
21684	dead	Linear Combination
21685	dead	Linear Combination
21686	dead	Linear Combination
21687	dead	Linear Combination
21688	dead	Linear Combination
21689	dead	Linear Combination

Case	Nature	Analysis type
21690	dead	Linear Combination
21691	dead	Linear Combination
21692	dead	Linear Combination
21693	dead	Linear Combination
21694	dead	Linear Combination
21695	dead	Linear Combination
21696	dead	Linear Combination
21697	dead	Linear Combination
21698	dead	Linear Combination
21699	dead	Linear Combination
21700	dead	Linear Combination
21701	dead	Linear Combination
21702	dead	Linear Combination
21703	dead	Linear Combination
21704	dead	Linear Combination
21705	dead	Linear Combination
21706	dead	Linear Combination
21707	dead	Linear Combination
21708	dead	Linear Combination
21709	dead	Linear Combination
21710	dead	Linear Combination
21711	dead	Linear Combination
21712	dead	Linear Combination
21713	dead	Linear Combination
21714	dead	Linear Combination
21715	dead	Linear Combination
21716	dead	Linear Combination
21717	dead	Linear Combination
21718	dead	Linear Combination
21719	dead	Linear Combination
21720	dead	Linear Combination
21721	dead	Linear Combination
21722	dead	Linear Combination
21723	dead	Linear Combination
21724	dead	Linear Combination
21725	dead	Linear Combination
21726	dead	Linear Combination
21727	dead	Linear Combination
21728	dead	Linear Combination
21729	dead	Linear Combination
21730	dead	Linear Combination
21731	dead	Linear Combination
21732	dead	Linear Combination
21733	dead	Linear Combination
21734	dead	Linear Combination
21735	dead	Linear Combination
21736	dead	Linear Combination
21737	dead	Linear Combination
21738	dead	Linear Combination
21739	dead	Linear Combination
21740	dead	Linear Combination
21741	dead	Linear Combination

Case	Nature	Analysis type
21742	dead	Linear Combination
21743	dead	Linear Combination
21744	dead	Linear Combination
21745	dead	Linear Combination
21746	dead	Linear Combination
21747	dead	Linear Combination
21748	dead	Linear Combination
21749	dead	Linear Combination
21750	dead	Linear Combination
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21752	dead	Linear Combination
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21754	dead	Linear Combination
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21762	dead	Linear Combination
21763	dead	Linear Combination
21764	dead	Linear Combination
21765	dead	Linear Combination
21766	dead	Linear Combination
21767	dead	Linear Combination
21768	dead	Linear Combination
21769	dead	Linear Combination
21770	dead	Linear Combination
21771	dead	Linear Combination
21772	dead	Linear Combination
21773	dead	Linear Combination
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21776	dead	Linear Combination
21777	dead	Linear Combination
21778	dead	Linear Combination
21779	dead	Linear Combination
21780	dead	Linear Combination
21781	dead	Linear Combination
21782	dead	Linear Combination
21783	dead	Linear Combination
21784	dead	Linear Combination
21785	dead	Linear Combination
21786	dead	Linear Combination
21787	dead	Linear Combination
21788	dead	Linear Combination
21789	dead	Linear Combination
21790	dead	Linear Combination
21791	dead	Linear Combination
21792	dead	Linear Combination
21793	dead	Linear Combination

Case	Nature	Analysis type
21794	dead	Linear Combination
21795	dead	Linear Combination
21796	dead	Linear Combination
21797	dead	Linear Combination
21798	dead	Linear Combination
21799	dead	Linear Combination
21800	dead	Linear Combination
21801	dead	Linear Combination
21802	dead	Linear Combination
21803	dead	Linear Combination
21804	dead	Linear Combination
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21812	dead	Linear Combination
21813	dead	Linear Combination
21814	dead	Linear Combination
21815	dead	Linear Combination
21816	dead	Linear Combination
21817	dead	Linear Combination
21818	dead	Linear Combination
21819	dead	Linear Combination
21820	dead	Linear Combination
21821	dead	Linear Combination
21822	dead	Linear Combination
21823	dead	Linear Combination
21824	dead	Linear Combination
21825	dead	Linear Combination
21826	dead	Linear Combination
21827	dead	Linear Combination
21828	dead	Linear Combination
21829	dead	Linear Combination
21830	dead	Linear Combination
21831	dead	Linear Combination
21832	dead	Linear Combination
21833	dead	Linear Combination
21834	dead	Linear Combination
21835	dead	Linear Combination
21836	dead	Linear Combination
21837	dead	Linear Combination
21838	dead	Linear Combination
21839	dead	Linear Combination
21840	dead	Linear Combination
21841	dead	Linear Combination
21842	dead	Linear Combination
21843	dead	Linear Combination
21844	dead	Linear Combination
21845	dead	Linear Combination

Case	Nature	Analysis type
21846	dead	Linear Combination
21847	dead	Linear Combination
21848	dead	Linear Combination
21849	dead	Linear Combination
21850	dead	Linear Combination
21851	dead	Linear Combination
21852	dead	Linear Combination
21853	dead	Linear Combination
21854	dead	Linear Combination
21855	dead	Linear Combination
21856	dead	Linear Combination
21857	dead	Linear Combination
21858	dead	Linear Combination
21859	dead	Linear Combination
21860	dead	Linear Combination
21861	dead	Linear Combination
21862	dead	Linear Combination
21863	dead	Linear Combination
21864	dead	Linear Combination
21865	dead	Linear Combination
21866	dead	Linear Combination
21867	dead	Linear Combination
21868	dead	Linear Combination
21869	dead	Linear Combination
21870	dead	Linear Combination
21871	dead	Linear Combination
21872	dead	Linear Combination
21873	dead	Linear Combination
21874	dead	Linear Combination
21875	dead	Linear Combination
21876	dead	Linear Combination
21877	dead	Linear Combination
21878	dead	Linear Combination
21879	dead	Linear Combination
21880	dead	Linear Combination
21881	dead	Linear Combination
21882	dead	Linear Combination
21883	dead	Linear Combination
21884	dead	Linear Combination
21885	dead	Linear Combination
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21889	dead	Linear Combination
21890	dead	Linear Combination
21891	dead	Linear Combination
21892	dead	Linear Combination
21893	dead	Linear Combination
21894	dead	Linear Combination
21895	dead	Linear Combination
21896	dead	Linear Combination
21897	dead	Linear Combination

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Case	Nature	Analysis type
21898	dead	Linear Combination
21899	dead	Linear Combination
21900	dead	Linear Combination
21901	dead	Linear Combination
21902	dead	Linear Combination
21903	dead	Linear Combination
21904	dead	Linear Combination
21905	dead	Linear Combination
21906	dead	Linear Combination
21907	dead	Linear Combination
21908	dead	Linear Combination
21909	dead	Linear Combination
21910	dead	Linear Combination
21911	dead	Linear Combination
21912	dead	Linear Combination
21913	dead	Linear Combination
21914	dead	Linear Combination
21915	dead	Linear Combination
21916	dead	Linear Combination
21917	dead	Linear Combination
21918	dead	Linear Combination
21919	dead	Linear Combination
21920	dead	Linear Combination
21921	dead	Linear Combination
21922	dead	Linear Combination
21923	dead	Linear Combination
21924	dead	Linear Combination
21925	dead	Linear Combination
21926	dead	Linear Combination
21927	dead	Linear Combination
21928	dead	Linear Combination
21929	dead	Linear Combination
21930	dead	Linear Combination
21931	dead	Linear Combination
21932	dead	Linear Combination
21933	dead	Linear Combination
21934	dead	Linear Combination
21935	dead	Linear Combination
21936	dead	Linear Combination
21937	dead	Linear Combination
21938	dead	Linear Combination
21939	dead	Linear Combination
21940	dead	Linear Combination
21941	dead	Linear Combination
21942	dead	Linear Combination
21943	dead	Linear Combination
21944	dead	Linear Combination
21945	dead	Linear Combination
21946	dead	Linear Combination
21947	dead	Linear Combination
21948	dead	Linear Combination
21949	dead	Linear Combination

Case	Nature	Analysis type
21950	dead	Linear Combination
21951	dead	Linear Combination
21952	dead	Linear Combination
21953	dead	Linear Combination
21954	dead	Linear Combination
21955	dead	Linear Combination
21956	dead	Linear Combination
21957	dead	Linear Combination
21958	dead	Linear Combination
21959	dead	Linear Combination
21960	dead	Linear Combination
21961	dead	Linear Combination
21962	dead	Linear Combination
21963	dead	Linear Combination
21964	dead	Linear Combination
21965	dead	Linear Combination
21966	dead	Linear Combination
21967	dead	Linear Combination
21968	dead	Linear Combination
21969	dead	Linear Combination
21970	dead	Linear Combination
21971	dead	Linear Combination
21972	dead	Linear Combination
21973	dead	Linear Combination
21974	dead	Linear Combination
21975	dead	Linear Combination
21976	dead	Linear Combination
21977	dead	Linear Combination
21978	dead	Linear Combination
21979	dead	Linear Combination
21980	dead	Linear Combination
21981	dead	Linear Combination
21982	dead	Linear Combination
21983	dead	Linear Combination
21984	dead	Linear Combination
21985	dead	Linear Combination
21986	dead	Linear Combination
21987	dead	Linear Combination
21988	dead	Linear Combination
21989	dead	Linear Combination
21990	dead	Linear Combination
21991	dead	Linear Combination
21992	dead	Linear Combination
21993	dead	Linear Combination
21994	dead	Linear Combination
21995	dead	Linear Combination
21996	dead	Linear Combination
21997	dead	Linear Combination
21998	dead	Linear Combination
21999	dead	Linear Combination
22000	dead	Linear Combination
22001	dead	Linear Combination

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Case	Nature	Analysis type
22002	dead	Linear Combination
22003	dead	Linear Combination
22004	dead	Linear Combination
22005	dead	Linear Combination
22006	dead	Linear Combination
22007	dead	Linear Combination
22008	dead	Linear Combination
22009	dead	Linear Combination
22010	dead	Linear Combination
22011	dead	Linear Combination
22012	dead	Linear Combination
22013	dead	Linear Combination
22014	dead	Linear Combination
22015	dead	Linear Combination
22016	dead	Linear Combination
22017	dead	Linear Combination
22018	dead	Linear Combination
22019	dead	Linear Combination
22020	dead	Linear Combination
22021	dead	Linear Combination
22022	dead	Linear Combination
22023	dead	Linear Combination
22024	dead	Linear Combination
22025	dead	Linear Combination
22026	dead	Linear Combination
22027	dead	Linear Combination
22028	dead	Linear Combination
22029	dead	Linear Combination
22030	dead	Linear Combination
22031	dead	Linear Combination
22032	dead	Linear Combination
22033	dead	Linear Combination
22034	dead	Linear Combination
22035	dead	Linear Combination
22036	dead	Linear Combination
22037	dead	Linear Combination
22038	dead	Linear Combination
22039	dead	Linear Combination
22040	dead	Linear Combination
22041	dead	Linear Combination
22042	dead	Linear Combination
22043	dead	Linear Combination
22044	dead	Linear Combination
22045	dead	Linear Combination
22046	dead	Linear Combination
22047	dead	Linear Combination
22048	dead	Linear Combination
22049	dead	Linear Combination
22050	dead	Linear Combination
22051	dead	Linear Combination
22052	dead	Linear Combination
22053	dead	Linear Combination

Case	Nature	Analysis type
22054	dead	Linear Combination
22055	dead	Linear Combination
22056	dead	Linear Combination
22057	dead	Linear Combination
22058	dead	Linear Combination
22059	dead	Linear Combination
22060	dead	Linear Combination
22061	dead	Linear Combination
22062	dead	Linear Combination
22063	dead	Linear Combination
22064	dead	Linear Combination
22065	dead	Linear Combination
22066	dead	Linear Combination
22067	dead	Linear Combination
22068	dead	Linear Combination
22069	dead	Linear Combination
22070	dead	Linear Combination
22071	dead	Linear Combination
22072	dead	Linear Combination
22073	dead	Linear Combination
22074	dead	Linear Combination
22075	dead	Linear Combination
22076	dead	Linear Combination
22077	dead	Linear Combination
22078	dead	Linear Combination
22079	dead	Linear Combination
22080	dead	Linear Combination
22081	dead	Linear Combination
22082	dead	Linear Combination
22083	dead	Linear Combination
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22090	dead	Linear Combination
22091	dead	Linear Combination
22092	dead	Linear Combination
22093	dead	Linear Combination
22094	dead	Linear Combination
22095	dead	Linear Combination
22096	dead	Linear Combination
22097	dead	Linear Combination
22098	dead	Linear Combination
22099	dead	Linear Combination
22100	dead	Linear Combination
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22102	dead	Linear Combination
22103	dead	Linear Combination
22104	dead	Linear Combination
22105	dead	Linear Combination

Case	Nature	Analysis type
22106	dead	Linear Combination
22107	dead	Linear Combination
22108	dead	Linear Combination
22109	dead	Linear Combination
22110	dead	Linear Combination
22111	dead	Linear Combination
22112	dead	Linear Combination
22113	dead	Linear Combination
22114	dead	Linear Combination
22115	dead	Linear Combination
22116	dead	Linear Combination
22117	dead	Linear Combination
22118	dead	Linear Combination
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22120	dead	Linear Combination
22121	dead	Linear Combination
22122	dead	Linear Combination
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22138	dead	Linear Combination
22139	dead	Linear Combination
22140	dead	Linear Combination
22141	dead	Linear Combination
22142	dead	Linear Combination
22143	dead	Linear Combination
22144	dead	Linear Combination
22145	dead	Linear Combination
22146	dead	Linear Combination
22147	dead	Linear Combination
22148	dead	Linear Combination
22149	dead	Linear Combination
22150	dead	Linear Combination
22151	dead	Linear Combination
22152	dead	Linear Combination
22153	dead	Linear Combination
22154	dead	Linear Combination
22155	dead	Linear Combination
22156	dead	Linear Combination
22157	dead	Linear Combination

Case	Nature	Analysis type
22158	dead	Linear Combination
22159	dead	Linear Combination
22160	dead	Linear Combination
22161	dead	Linear Combination
22162	dead	Linear Combination
22163	dead	Linear Combination
22164	dead	Linear Combination
22165	dead	Linear Combination
22166	dead	Linear Combination
22167	dead	Linear Combination
22168	dead	Linear Combination
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22173	dead	Linear Combination
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22178	dead	Linear Combination
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22192	dead	Linear Combination
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22200	dead	Linear Combination
22201	dead	Linear Combination
22202	dead	Linear Combination
22203	dead	Linear Combination
22204	dead	Linear Combination
22205	dead	Linear Combination
22206	dead	Linear Combination
22207	dead	Linear Combination
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22209	dead	Linear Combination

Case	Nature	Analysis type
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22211	dead	Linear Combination
22212	dead	Linear Combination
22213	dead	Linear Combination
22214	dead	Linear Combination
22215	dead	Linear Combination
22216	dead	Linear Combination
22217	dead	Linear Combination
22218	dead	Linear Combination
22219	dead	Linear Combination
22220	dead	Linear Combination
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22222	dead	Linear Combination
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22232	dead	Linear Combination
22233	dead	Linear Combination
22234	dead	Linear Combination
22235	dead	Linear Combination
22236	dead	Linear Combination
22237	dead	Linear Combination
22238	dead	Linear Combination
22239	dead	Linear Combination
22240	dead	Linear Combination
22241	dead	Linear Combination
22242	dead	Linear Combination
22243	dead	Linear Combination
22244	dead	Linear Combination
22245	dead	Linear Combination
22246	dead	Linear Combination
22247	dead	Linear Combination
22248	dead	Linear Combination
22249	dead	Linear Combination
22250	dead	Linear Combination
22251	dead	Linear Combination
22252	dead	Linear Combination
22253	dead	Linear Combination
22254	dead	Linear Combination
22255	dead	Linear Combination
22256	dead	Linear Combination
22257	dead	Linear Combination
22258	dead	Linear Combination
22259	dead	Linear Combination
22260	dead	Linear Combination
22261	dead	Linear Combination

Case	Nature	Analysis type
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22263	dead	Linear Combination
22264	dead	Linear Combination
22265	dead	Linear Combination
22266	dead	Linear Combination
22267	dead	Linear Combination
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22279	dead	Linear Combination
22280	dead	Linear Combination
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22285	dead	Linear Combination
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22291	dead	Linear Combination
22292	dead	Linear Combination
22293	dead	Linear Combination
22294	dead	Linear Combination
22295	dead	Linear Combination
22296	dead	Linear Combination
22297	dead	Linear Combination
22298	dead	Linear Combination
22299	dead	Linear Combination
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22301	dead	Linear Combination
22302	dead	Linear Combination
22303	dead	Linear Combination
22304	dead	Linear Combination
22305	dead	Linear Combination
22306	dead	Linear Combination
22307	dead	Linear Combination
22308	dead	Linear Combination
22309	dead	Linear Combination
22310	dead	Linear Combination
22311	dead	Linear Combination
22312	dead	Linear Combination
22313	dead	Linear Combination

Case	Nature	Analysis type
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22315	dead	Linear Combination
22316	dead	Linear Combination
22317	dead	Linear Combination
22318	dead	Linear Combination
22319	dead	Linear Combination
22320	dead	Linear Combination
22321	dead	Linear Combination
22322	dead	Linear Combination
22323	dead	Linear Combination
22324	dead	Linear Combination
22325	dead	Linear Combination
22326	dead	Linear Combination
22327	dead	Linear Combination
22328	dead	Linear Combination
22329	dead	Linear Combination
22330	dead	Linear Combination
22331	dead	Linear Combination
22332	dead	Linear Combination
22333	dead	Linear Combination
22334	dead	Linear Combination
22335	dead	Linear Combination
22336	dead	Linear Combination
22337	dead	Linear Combination
22338	dead	Linear Combination
22339	dead	Linear Combination
22340	dead	Linear Combination
22341	dead	Linear Combination
22342	dead	Linear Combination
22343	dead	Linear Combination
22344	dead	Linear Combination
22345	dead	Linear Combination
22346	dead	Linear Combination
22347	dead	Linear Combination
22348	dead	Linear Combination
22349	dead	Linear Combination
22350	dead	Linear Combination
22351	dead	Linear Combination
22352	dead	Linear Combination
22353	dead	Linear Combination
22354	dead	Linear Combination
22355	dead	Linear Combination
22356	dead	Linear Combination
22357	dead	Linear Combination
22358	dead	Linear Combination
22359	dead	Linear Combination
22360	dead	Linear Combination
22361	dead	Linear Combination
22362	dead	Linear Combination
22363	dead	Linear Combination
22364	dead	Linear Combination
22365	dead	Linear Combination

Case	Nature	Analysis type
22366	dead	Linear Combination
22367	dead	Linear Combination
22368	dead	Linear Combination
22369	dead	Linear Combination
22370	dead	Linear Combination
22371	dead	Linear Combination
22372	dead	Linear Combination
22373	dead	Linear Combination
22374	dead	Linear Combination
22375	dead	Linear Combination
22376	dead	Linear Combination
22377	dead	Linear Combination
22378	dead	Linear Combination
22379	dead	Linear Combination
22380	dead	Linear Combination
22381	dead	Linear Combination
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22391	dead	Linear Combination
22392	dead	Linear Combination
22393	dead	Linear Combination
22394	dead	Linear Combination
22395	dead	Linear Combination
22396	dead	Linear Combination
22397	dead	Linear Combination
22398	dead	Linear Combination
22399	dead	Linear Combination
22400	dead	Linear Combination
22401	dead	Linear Combination
22402	dead	Linear Combination
22403	dead	Linear Combination
22404	dead	Linear Combination
22405	dead	Linear Combination
22406	dead	Linear Combination
22407	dead	Linear Combination
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22409	dead	Linear Combination
22410	dead	Linear Combination
22411	dead	Linear Combination
22412	dead	Linear Combination
22413	dead	Linear Combination
22414	dead	Linear Combination
22415	dead	Linear Combination
22416	dead	Linear Combination
22417	dead	Linear Combination

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Case	Nature	Analysis type
22418	dead	Linear Combination
22419	dead	Linear Combination
22420	dead	Linear Combination
22421	dead	Linear Combination
22422	dead	Linear Combination
22423	dead	Linear Combination
22424	dead	Linear Combination
22425	dead	Linear Combination
22426	dead	Linear Combination
22427	dead	Linear Combination
22428	dead	Linear Combination
22429	dead	Linear Combination
22430	dead	Linear Combination
22431	dead	Linear Combination
22432	dead	Linear Combination
22433	dead	Linear Combination
22434	dead	Linear Combination
22435	dead	Linear Combination
22436	dead	Linear Combination
22437	dead	Linear Combination
22438	dead	Linear Combination
22439	dead	Linear Combination
22440	dead	Linear Combination
22441	dead	Linear Combination
22442	dead	Linear Combination
22443	dead	Linear Combination
22444	dead	Linear Combination
22445	dead	Linear Combination
22446	dead	Linear Combination
22447	dead	Linear Combination
22448	dead	Linear Combination
22449	dead	Linear Combination
22450	dead	Linear Combination
22451	dead	Linear Combination
22452	dead	Linear Combination
22453	dead	Linear Combination
22454	dead	Linear Combination
22455	dead	Linear Combination
22456	dead	Linear Combination
22457	dead	Linear Combination
22458	dead	Linear Combination
22459	dead	Linear Combination
22460	dead	Linear Combination
22461	dead	Linear Combination
22462	dead	Linear Combination
22463	dead	Linear Combination
22464	dead	Linear Combination
22465	dead	Linear Combination
22466	dead	Linear Combination
22467	dead	Linear Combination
22468	dead	Linear Combination
22469	dead	Linear Combination

Case	Nature	Analysis type
22470	dead	Linear Combination
22471	dead	Linear Combination
22472	dead	Linear Combination
22473	dead	Linear Combination
22474	dead	Linear Combination
22475	dead	Linear Combination
22476	dead	Linear Combination
22477	dead	Linear Combination
22478	dead	Linear Combination
22479	dead	Linear Combination
22480	dead	Linear Combination
22481	dead	Linear Combination
22482	dead	Linear Combination
22483	dead	Linear Combination
22484	dead	Linear Combination
22485	dead	Linear Combination
22486	dead	Linear Combination
22487	dead	Linear Combination
22488	dead	Linear Combination
22489	dead	Linear Combination
22490	dead	Linear Combination
22491	dead	Linear Combination
22492	dead	Linear Combination
22493	dead	Linear Combination
22494	dead	Linear Combination
22495	dead	Linear Combination
22496	dead	Linear Combination
22497	dead	Linear Combination
22498	dead	Linear Combination
22499	dead	Linear Combination
22500	dead	Linear Combination
22501	dead	Linear Combination
22502	dead	Linear Combination
22503	dead	Linear Combination
22504	dead	Linear Combination
22505	dead	Linear Combination
22506	dead	Linear Combination
22507	dead	Linear Combination
22508	dead	Linear Combination
22509	dead	Linear Combination
22510	dead	Linear Combination
22511	dead	Linear Combination
22512	dead	Linear Combination
22513	dead	Linear Combination
22514	dead	Linear Combination
22515	dead	Linear Combination
22516	dead	Linear Combination
22517	dead	Linear Combination
22518	dead	Linear Combination
22519	dead	Linear Combination
22520	dead	Linear Combination
22521	dead	Linear Combination

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Case	Nature	Analysis type
22522	dead	Linear Combination
22523	dead	Linear Combination
22524	dead	Linear Combination
22525	dead	Linear Combination
22526	dead	Linear Combination
22527	dead	Linear Combination
22528	dead	Linear Combination
22529	dead	Linear Combination
22530	dead	Linear Combination
22531	dead	Linear Combination
22532	dead	Linear Combination
22533	dead	Linear Combination
22534	dead	Linear Combination
22535	dead	Linear Combination
22536	dead	Linear Combination
22537	dead	Linear Combination
22538	dead	Linear Combination
22539	dead	Linear Combination
22540	dead	Linear Combination
22541	dead	Linear Combination
22542	dead	Linear Combination
22543	dead	Linear Combination
22544	dead	Linear Combination
22545	dead	Linear Combination
22546	dead	Linear Combination
22547	dead	Linear Combination
22548	dead	Linear Combination
22549	dead	Linear Combination
22550	dead	Linear Combination
22551	dead	Linear Combination
22552	dead	Linear Combination
22553	dead	Linear Combination
22554	dead	Linear Combination
22555	dead	Linear Combination
22556	dead	Linear Combination
22557	dead	Linear Combination
22558	dead	Linear Combination
22559	dead	Linear Combination
22560	dead	Linear Combination
22561	dead	Linear Combination
22562	dead	Linear Combination
22563	dead	Linear Combination
22564	dead	Linear Combination
22565	dead	Linear Combination
22566	dead	Linear Combination
22567	dead	Linear Combination
22568	dead	Linear Combination
22569	dead	Linear Combination
22570	dead	Linear Combination
22571	dead	Linear Combination
22572	dead	Linear Combination
22573	dead	Linear Combination

Case	Nature	Analysis type
22574	dead	Linear Combination
22575	dead	Linear Combination
22576	dead	Linear Combination
22577	dead	Linear Combination
22578	dead	Linear Combination
22579	dead	Linear Combination
22580	dead	Linear Combination
22581	dead	Linear Combination
22582	dead	Linear Combination
22583	dead	Linear Combination
22584	dead	Linear Combination
22585	dead	Linear Combination
22586	dead	Linear Combination
22587	dead	Linear Combination
22588	dead	Linear Combination
22589	dead	Linear Combination
22590	dead	Linear Combination
22591	dead	Linear Combination
22592	dead	Linear Combination
22593	dead	Linear Combination
22594	dead	Linear Combination
22595	dead	Linear Combination
22596	dead	Linear Combination
22597	dead	Linear Combination
22598	dead	Linear Combination
22599	dead	Linear Combination
22600	dead	Linear Combination
22601	dead	Linear Combination
22602	dead	Linear Combination
22603	dead	Linear Combination
22604	dead	Linear Combination
22605	dead	Linear Combination
22606	dead	Linear Combination
22607	dead	Linear Combination
22608	dead	Linear Combination
22609	dead	Linear Combination
22610	dead	Linear Combination
22611	dead	Linear Combination
22612	dead	Linear Combination
22613	dead	Linear Combination
22614	dead	Linear Combination
22615	dead	Linear Combination
22616	dead	Linear Combination
22617	dead	Linear Combination
22618	dead	Linear Combination
22619	dead	Linear Combination
22620	dead	Linear Combination
22621	dead	Linear Combination
22622	dead	Linear Combination
22623	dead	Linear Combination
22624	dead	Linear Combination
22625	dead	Linear Combination

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Case	Nature	Analysis type
22626	dead	Linear Combination
22627	dead	Linear Combination
22628	dead	Linear Combination
22629	dead	Linear Combination
22630	dead	Linear Combination
22631	dead	Linear Combination
22632	dead	Linear Combination
22633	dead	Linear Combination
22634	dead	Linear Combination
22635	dead	Linear Combination
22636	dead	Linear Combination
22637	dead	Linear Combination
22638	dead	Linear Combination
22639	dead	Linear Combination
22640	dead	Linear Combination
22641	dead	Linear Combination
22642	dead	Linear Combination
22643	dead	Linear Combination
22644	dead	Linear Combination
22645	dead	Linear Combination
22646	dead	Linear Combination
22647	dead	Linear Combination
22648	dead	Linear Combination
22649	dead	Linear Combination
22650	dead	Linear Combination
22651	dead	Linear Combination
22652	dead	Linear Combination
22653	dead	Linear Combination
22654	dead	Linear Combination
22655	dead	Linear Combination
22656	dead	Linear Combination
22657	dead	Linear Combination
22658	dead	Linear Combination
22659	dead	Linear Combination
22660	dead	Linear Combination
22661	dead	Linear Combination
22662	dead	Linear Combination
22663	dead	Linear Combination
22664	dead	Linear Combination
22665	dead	Linear Combination
22666	dead	Linear Combination
22667	dead	Linear Combination
22668	dead	Linear Combination
22669	dead	Linear Combination
22670	dead	Linear Combination
22671	dead	Linear Combination
22672	dead	Linear Combination
22673	dead	Linear Combination
22674	dead	Linear Combination
22675	dead	Linear Combination
22676	dead	Linear Combination
22677	dead	Linear Combination

Case	Nature	Analysis type
22678	dead	Linear Combination
22679	dead	Linear Combination
22680	dead	Linear Combination
22681	dead	Linear Combination
22682	dead	Linear Combination
22683	dead	Linear Combination
22684	dead	Linear Combination
22685	dead	Linear Combination
22686	dead	Linear Combination
22687	dead	Linear Combination
22688	dead	Linear Combination
22689	dead	Linear Combination
22690	dead	Linear Combination
22691	dead	Linear Combination
22692	dead	Linear Combination
22693	dead	Linear Combination
22694	dead	Linear Combination
22695	dead	Linear Combination
22696	dead	Linear Combination
22697	dead	Linear Combination
22698	dead	Linear Combination
22699	dead	Linear Combination
22700	dead	Linear Combination
22701	dead	Linear Combination
22702	dead	Linear Combination
22703	dead	Linear Combination
22704	dead	Linear Combination
22705	dead	Linear Combination
22706	dead	Linear Combination
22707	dead	Linear Combination
22708	dead	Linear Combination
22709	dead	Linear Combination
22710	dead	Linear Combination
22711	dead	Linear Combination
22712	dead	Linear Combination
22713	dead	Linear Combination
22714	dead	Linear Combination
22715	dead	Linear Combination
22716	dead	Linear Combination
22717	dead	Linear Combination
22718	dead	Linear Combination
22719	dead	Linear Combination
22720	dead	Linear Combination
22721	dead	Linear Combination
22722	dead	Linear Combination
22723	dead	Linear Combination
22724	dead	Linear Combination
22725	dead	Linear Combination
22726	dead	Linear Combination
22727	dead	Linear Combination
22728	dead	Linear Combination
22729	dead	Linear Combination

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Case	Nature	Analysis type
22730	dead	Linear Combination
22731	dead	Linear Combination
22732	dead	Linear Combination
22733	dead	Linear Combination
22734	dead	Linear Combination
22735	dead	Linear Combination
22736	dead	Linear Combination
22737	dead	Linear Combination
22738	dead	Linear Combination
22739	dead	Linear Combination
22740	dead	Linear Combination
22741	dead	Linear Combination
22742	dead	Linear Combination
22743	dead	Linear Combination
22744	dead	Linear Combination
22745	dead	Linear Combination
22746	dead	Linear Combination
22747	dead	Linear Combination
22748	dead	Linear Combination
22749	dead	Linear Combination
22750	dead	Linear Combination
22751	dead	Linear Combination
22752	dead	Linear Combination
22753	dead	Linear Combination
22754	dead	Linear Combination
22755	dead	Linear Combination
22756	dead	Linear Combination
22757	dead	Linear Combination
22758	dead	Linear Combination
22759	dead	Linear Combination
22760	dead	Linear Combination
22761	dead	Linear Combination
22762	dead	Linear Combination
22763	dead	Linear Combination
22764	dead	Linear Combination
22765	dead	Linear Combination
22766	dead	Linear Combination
22767	dead	Linear Combination
22768	dead	Linear Combination
22769	dead	Linear Combination
22770	dead	Linear Combination
22771	dead	Linear Combination
22772	dead	Linear Combination
22773	dead	Linear Combination
22774	dead	Linear Combination
22775	dead	Linear Combination
22776	dead	Linear Combination
22777	dead	Linear Combination
22778	dead	Linear Combination
22779	dead	Linear Combination
22780	dead	Linear Combination
22781	dead	Linear Combination

Case	Nature	Analysis type
22782	dead	Linear Combination
22783	dead	Linear Combination
22784	dead	Linear Combination
22785	dead	Linear Combination
22786	dead	Linear Combination
22787	dead	Linear Combination
22788	dead	Linear Combination
22789	dead	Linear Combination
22790	dead	Linear Combination
22791	dead	Linear Combination
22792	dead	Linear Combination
22793	dead	Linear Combination
22794	dead	Linear Combination
22795	dead	Linear Combination
22796	dead	Linear Combination
22797	dead	Linear Combination
22798	dead	Linear Combination
22799	dead	Linear Combination
22800	dead	Linear Combination
22801	dead	Linear Combination
22802	dead	Linear Combination
22803	dead	Linear Combination
22804	dead	Linear Combination
22805	dead	Linear Combination
22806	dead	Linear Combination
22807	dead	Linear Combination
22808	dead	Linear Combination
22809	dead	Linear Combination
22810	dead	Linear Combination
22811	dead	Linear Combination
22812	dead	Linear Combination
22813	dead	Linear Combination
22814	dead	Linear Combination
22815	dead	Linear Combination
22816	dead	Linear Combination
22817	dead	Linear Combination
22818	dead	Linear Combination
22819	dead	Linear Combination
22820	dead	Linear Combination
22821	dead	Linear Combination
22822	dead	Linear Combination
22823	dead	Linear Combination
22824	dead	Linear Combination
22825	dead	Linear Combination
22826	dead	Linear Combination
22827	dead	Linear Combination
22828	dead	Linear Combination
22829	dead	Linear Combination
22830	dead	Linear Combination
22831	dead	Linear Combination
22832	dead	Linear Combination
22833	dead	Linear Combination

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Case	Nature	Analysis type
22834	dead	Linear Combination
22835	dead	Linear Combination
22836	dead	Linear Combination
22837	dead	Linear Combination
22838	dead	Linear Combination
22839	dead	Linear Combination
22840	dead	Linear Combination
22841	dead	Linear Combination
22842	dead	Linear Combination
22843	dead	Linear Combination
22844	dead	Linear Combination
22845	dead	Linear Combination
22846	dead	Linear Combination
22847	dead	Linear Combination
22848	dead	Linear Combination
22849	dead	Linear Combination
22850	dead	Linear Combination
22851	dead	Linear Combination
22852	dead	Linear Combination
22853	dead	Linear Combination
22854	dead	Linear Combination
22855	dead	Linear Combination
22856	dead	Linear Combination
22857	dead	Linear Combination
22858	dead	Linear Combination
22859	dead	Linear Combination
22860	dead	Linear Combination
22861	dead	Linear Combination
22862	dead	Linear Combination
22863	dead	Linear Combination
22864	dead	Linear Combination
22865	dead	Linear Combination
22866	dead	Linear Combination
22867	dead	Linear Combination
22868	dead	Linear Combination
22869	dead	Linear Combination
22870	dead	Linear Combination
22871	dead	Linear Combination
22872	dead	Linear Combination
22873	dead	Linear Combination
22874	dead	Linear Combination
22875	dead	Linear Combination
22876	dead	Linear Combination
22877	dead	Linear Combination
22878	dead	Linear Combination
22879	dead	Linear Combination
22880	dead	Linear Combination
22881	dead	Linear Combination
22882	dead	Linear Combination
22883	dead	Linear Combination
22884	dead	Linear Combination
22885	dead	Linear Combination

Case	Nature	Analysis type
22886	dead	Linear Combination
22887	dead	Linear Combination
22888	dead	Linear Combination
22889	dead	Linear Combination
22890	dead	Linear Combination
22891	dead	Linear Combination
22892	dead	Linear Combination
22893	dead	Linear Combination
22894	dead	Linear Combination
22895	dead	Linear Combination
22896	dead	Linear Combination
22897	dead	Linear Combination
22898	dead	Linear Combination
22899	dead	Linear Combination
22900	dead	Linear Combination
22901	dead	Linear Combination
22902	dead	Linear Combination
22903	dead	Linear Combination
22904	dead	Linear Combination
22905	dead	Linear Combination
22906	dead	Linear Combination
22907	dead	Linear Combination
22908	dead	Linear Combination
22909	dead	Linear Combination
22910	dead	Linear Combination
22911	dead	Linear Combination
22912	dead	Linear Combination
22913	dead	Linear Combination
22914	dead	Linear Combination
22915	dead	Linear Combination
22916	dead	Linear Combination
22917	dead	Linear Combination
22918	dead	Linear Combination
22919	dead	Linear Combination
22920	dead	Linear Combination
22921	dead	Linear Combination
22922	dead	Linear Combination
22923	dead	Linear Combination
22924	dead	Linear Combination
22925	dead	Linear Combination
22926	dead	Linear Combination
22927	dead	Linear Combination
22928	dead	Linear Combination
22929	dead	Linear Combination
22930	dead	Linear Combination
22931	dead	Linear Combination
22932	dead	Linear Combination
22933	dead	Linear Combination
22934	dead	Linear Combination
22935	dead	Linear Combination
22936	dead	Linear Combination
22937	dead	Linear Combination

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Case	Nature	Analysis type
22938	dead	Linear Combination
22939	dead	Linear Combination
22940	dead	Linear Combination
22941	dead	Linear Combination
22942	dead	Linear Combination
22943	dead	Linear Combination
22944	dead	Linear Combination
22945	dead	Linear Combination
22946	dead	Linear Combination
22947	dead	Linear Combination
22948	dead	Linear Combination
22949	dead	Linear Combination
22950	dead	Linear Combination
22951	dead	Linear Combination
22952	dead	Linear Combination
22953	dead	Linear Combination
22954	dead	Linear Combination
22955	dead	Linear Combination
22956	dead	Linear Combination
22957	dead	Linear Combination
22958	dead	Linear Combination
22959	dead	Linear Combination
22960	dead	Linear Combination
22961	dead	Linear Combination
22962	dead	Linear Combination
22963	dead	Linear Combination
22964	dead	Linear Combination
22965	dead	Linear Combination
22966	dead	Linear Combination
22967	dead	Linear Combination
22968	dead	Linear Combination
22969	dead	Linear Combination
22970	dead	Linear Combination
22971	dead	Linear Combination
22972	dead	Linear Combination
22973	dead	Linear Combination
22974	dead	Linear Combination
22975	dead	Linear Combination
22976	dead	Linear Combination
22977	dead	Linear Combination
22978	dead	Linear Combination
22979	dead	Linear Combination
22980	dead	Linear Combination
22981	dead	Linear Combination
22982	dead	Linear Combination
22983	dead	Linear Combination
22984	dead	Linear Combination
22985	dead	Linear Combination
22986	dead	Linear Combination
22987	dead	Linear Combination
22988	dead	Linear Combination
22989	dead	Linear Combination

Case	Nature	Analysis type
22990	dead	Linear Combination
22991	dead	Linear Combination
22992	dead	Linear Combination
22993	dead	Linear Combination
22994	dead	Linear Combination
22995	dead	Linear Combination
22996	dead	Linear Combination
22997	dead	Linear Combination
22998	dead	Linear Combination
22999	dead	Linear Combination
23000	dead	Linear Combination
23001	dead	Linear Combination
23002	dead	Linear Combination
23003	dead	Linear Combination
23004	dead	Linear Combination
23005	dead	Linear Combination
23006	dead	Linear Combination
23007	dead	Linear Combination
23008	dead	Linear Combination
23009	dead	Linear Combination
23010	dead	Linear Combination
23011	dead	Linear Combination
23012	dead	Linear Combination
23013	dead	Linear Combination
23014	dead	Linear Combination
23015	dead	Linear Combination
23016	dead	Linear Combination
23017	dead	Linear Combination
23018	dead	Linear Combination
23019	dead	Linear Combination
23020	dead	Linear Combination
23021	dead	Linear Combination
23022	dead	Linear Combination
23023	dead	Linear Combination
23024	dead	Linear Combination
23025	dead	Linear Combination
23026	dead	Linear Combination
23027	dead	Linear Combination
23028	dead	Linear Combination
23029	dead	Linear Combination
23030	dead	Linear Combination
23031	dead	Linear Combination
23032	dead	Linear Combination
23033	dead	Linear Combination
23034	dead	Linear Combination
23035	dead	Linear Combination
23036	dead	Linear Combination
23037	dead	Linear Combination
23038	dead	Linear Combination
23039	dead	Linear Combination
23040	dead	Linear Combination
23041	dead	Linear Combination

Case	Nature	Analysis type
23042	dead	Linear Combination
23043	dead	Linear Combination
23044	dead	Linear Combination
23045	dead	Linear Combination
23046	dead	Linear Combination
23047	dead	Linear Combination
23048	dead	Linear Combination
23049	dead	Linear Combination
23050	dead	Linear Combination
23051	dead	Linear Combination
23052	dead	Linear Combination
23053	dead	Linear Combination
23054	dead	Linear Combination
23055	dead	Linear Combination
23056	dead	Linear Combination
23057	dead	Linear Combination
23058	dead	Linear Combination
23059	dead	Linear Combination
23060	dead	Linear Combination
23061	dead	Linear Combination
23062	dead	Linear Combination
23063	dead	Linear Combination
23064	dead	Linear Combination
23065	dead	Linear Combination
23066	dead	Linear Combination
23067	dead	Linear Combination
23068	dead	Linear Combination
23069	dead	Linear Combination
23070	dead	Linear Combination
23071	dead	Linear Combination
23072	dead	Linear Combination
23073	dead	Linear Combination
23074	dead	Linear Combination
23075	dead	Linear Combination
23076	dead	Linear Combination
23077	dead	Linear Combination
23078	dead	Linear Combination
23079	dead	Linear Combination
23080	dead	Linear Combination
23081	dead	Linear Combination
23082	dead	Linear Combination
23083	dead	Linear Combination
23084	dead	Linear Combination
23085	dead	Linear Combination
23086	dead	Linear Combination
23087	dead	Linear Combination
23088	dead	Linear Combination
23089	dead	Linear Combination
23090	dead	Linear Combination
23091	dead	Linear Combination
23092	dead	Linear Combination
23093	dead	Linear Combination

Case	Nature	Analysis type
23094	dead	Linear Combination
23095	dead	Linear Combination
23096	dead	Linear Combination
23097	dead	Linear Combination
23098	dead	Linear Combination
23099	dead	Linear Combination
23100	dead	Linear Combination
23101	dead	Linear Combination
23102	dead	Linear Combination
23103	dead	Linear Combination
23104	dead	Linear Combination
23105	dead	Linear Combination
23106	dead	Linear Combination
23107	dead	Linear Combination
23108	dead	Linear Combination
23109	dead	Linear Combination
23110	dead	Linear Combination
23111	dead	Linear Combination
23112	dead	Linear Combination
23113	dead	Linear Combination
23114	dead	Linear Combination
23115	dead	Linear Combination
23116	dead	Linear Combination
23117	dead	Linear Combination
23118	dead	Linear Combination
23119	dead	Linear Combination
23120	dead	Linear Combination
23121	dead	Linear Combination
23122	dead	Linear Combination
23123	dead	Linear Combination
23124	dead	Linear Combination
23125	dead	Linear Combination
23126	dead	Linear Combination
23127	dead	Linear Combination
23128	dead	Linear Combination
23129	dead	Linear Combination
23130	dead	Linear Combination
23131	dead	Linear Combination
23132	dead	Linear Combination
23133	dead	Linear Combination
23134	dead	Linear Combination
23135	dead	Linear Combination
23136	dead	Linear Combination
23137	dead	Linear Combination
23138	dead	Linear Combination
23139	dead	Linear Combination
23140	dead	Linear Combination
23141	dead	Linear Combination
23142	dead	Linear Combination
23143	dead	Linear Combination
23144	dead	Linear Combination
23145	dead	Linear Combination

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Case	Nature	Analysis type
23146	dead	Linear Combination
23147	dead	Linear Combination
23148	dead	Linear Combination
23149	dead	Linear Combination
23150	dead	Linear Combination
23151	dead	Linear Combination
23152	dead	Linear Combination
23153	dead	Linear Combination
23154	dead	Linear Combination
23155	dead	Linear Combination
23156	dead	Linear Combination
23157	dead	Linear Combination
23158	dead	Linear Combination
23159	dead	Linear Combination
23160	dead	Linear Combination
23161	dead	Linear Combination
23162	dead	Linear Combination
23163	dead	Linear Combination
23164	dead	Linear Combination
23165	dead	Linear Combination
23166	dead	Linear Combination
23167	dead	Linear Combination
23168	dead	Linear Combination
23169	dead	Linear Combination
23170	dead	Linear Combination
23171	dead	Linear Combination
23172	dead	Linear Combination
23173	dead	Linear Combination
23174	dead	Linear Combination
23175	dead	Linear Combination
23176	dead	Linear Combination
23177	dead	Linear Combination
23178	dead	Linear Combination
23179	dead	Linear Combination
23180	dead	Linear Combination
23181	dead	Linear Combination
23182	dead	Linear Combination
23183	dead	Linear Combination
23184	dead	Linear Combination
23185	dead	Linear Combination
23186	dead	Linear Combination
23187	dead	Linear Combination
23188	dead	Linear Combination
23189	dead	Linear Combination
23190	dead	Linear Combination
23191	dead	Linear Combination
23192	dead	Linear Combination
23193	dead	Linear Combination
23194	dead	Linear Combination
23195	dead	Linear Combination
23196	dead	Linear Combination
23197	dead	Linear Combination

Case	Nature	Analysis type
23198	dead	Linear Combination
23199	dead	Linear Combination
23200	dead	Linear Combination
23201	dead	Linear Combination
23202	dead	Linear Combination
23203	dead	Linear Combination
23204	dead	Linear Combination
23205	dead	Linear Combination
23206	dead	Linear Combination
23207	dead	Linear Combination
23208	dead	Linear Combination
23209	dead	Linear Combination
23210	dead	Linear Combination
23211	dead	Linear Combination
23212	dead	Linear Combination
23213	dead	Linear Combination
23214	dead	Linear Combination
23215	dead	Linear Combination
23216	dead	Linear Combination
23217	dead	Linear Combination
23218	dead	Linear Combination
23219	dead	Linear Combination
23220	dead	Linear Combination
23221	dead	Linear Combination
23222	dead	Linear Combination
23223	dead	Linear Combination
23224	dead	Linear Combination
23225	dead	Linear Combination
23226	dead	Linear Combination
23227	dead	Linear Combination
23228	dead	Linear Combination
23229	dead	Linear Combination
23230	dead	Linear Combination
23231	dead	Linear Combination
23232	dead	Linear Combination
23233	dead	Linear Combination
23234	dead	Linear Combination
23235	dead	Linear Combination
23236	dead	Linear Combination
23237	dead	Linear Combination
23238	dead	Linear Combination
23239	dead	Linear Combination
23240	dead	Linear Combination
23241	dead	Linear Combination
23242	dead	Linear Combination
23243	dead	Linear Combination
23244	dead	Linear Combination
23245	dead	Linear Combination
23246	dead	Linear Combination
23247	dead	Linear Combination
23248	dead	Linear Combination
23249	dead	Linear Combination

Case	Nature	Analysis type
23250	dead	Linear Combination
23251	dead	Linear Combination
23252	dead	Linear Combination
23253	dead	Linear Combination
23254	dead	Linear Combination
23255	dead	Linear Combination
23256	dead	Linear Combination
23257	dead	Linear Combination
23258	dead	Linear Combination
23259	dead	Linear Combination
23260	dead	Linear Combination
23261	dead	Linear Combination
23262	dead	Linear Combination
23263	dead	Linear Combination
23264	dead	Linear Combination
23265	dead	Linear Combination
23266	dead	Linear Combination
23267	dead	Linear Combination
23268	dead	Linear Combination
23269	dead	Linear Combination
23270	dead	Linear Combination
23271	dead	Linear Combination
23272	dead	Linear Combination
23273	dead	Linear Combination
23274	dead	Linear Combination
23275	dead	Linear Combination
23276	dead	Linear Combination
23277	dead	Linear Combination
23278	dead	Linear Combination
23279	dead	Linear Combination
23280	dead	Linear Combination
23281	dead	Linear Combination
23282	dead	Linear Combination
23283	dead	Linear Combination
23284	dead	Linear Combination
23285	dead	Linear Combination
23286	dead	Linear Combination
23287	dead	Linear Combination
23288	dead	Linear Combination
23289	dead	Linear Combination
23290	dead	Linear Combination
23291	dead	Linear Combination
23292	dead	Linear Combination
23293	dead	Linear Combination
23294	dead	Linear Combination
23295	dead	Linear Combination
23296	dead	Linear Combination
23297	dead	Linear Combination
23298	dead	Linear Combination
23299	dead	Linear Combination
23300	dead	Linear Combination
23301	dead	Linear Combination

Case	Nature	Analysis type
23302	dead	Linear Combination
23303	dead	Linear Combination
23304	dead	Linear Combination
23305	dead	Linear Combination
23306	dead	Linear Combination
23307	dead	Linear Combination
23308	dead	Linear Combination
23309	dead	Linear Combination
23310	dead	Linear Combination
23311	dead	Linear Combination
23312	dead	Linear Combination
23313	dead	Linear Combination
23314	dead	Linear Combination
23315	dead	Linear Combination
23316	dead	Linear Combination
23317	dead	Linear Combination
23318	dead	Linear Combination
23319	dead	Linear Combination
23320	dead	Linear Combination
23321	dead	Linear Combination
23322	dead	Linear Combination
23323	dead	Linear Combination
23324	dead	Linear Combination
23325	dead	Linear Combination
23326	dead	Linear Combination
23327	dead	Linear Combination
23328	dead	Linear Combination
23329	dead	Linear Combination
23330	dead	Linear Combination
23331	dead	Linear Combination
23332	dead	Linear Combination
23333	dead	Linear Combination
23334	dead	Linear Combination
23335	dead	Linear Combination
23336	dead	Linear Combination
23337	dead	Linear Combination
23338	dead	Linear Combination
23339	dead	Linear Combination
23340	dead	Linear Combination
23341	dead	Linear Combination
23342	dead	Linear Combination
23343	dead	Linear Combination
23344	dead	Linear Combination
23345	dead	Linear Combination
23346	dead	Linear Combination
23347	dead	Linear Combination
23348	dead	Linear Combination
23349	dead	Linear Combination
23350	dead	Linear Combination
23351	dead	Linear Combination
23352	dead	Linear Combination
23353	dead	Linear Combination

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Project: MEF_Arco Río Cabe-Monforte_3D_v00

Case	Nature	Analysis type
23354	dead	Linear Combination
23355	dead	Linear Combination
23356	dead	Linear Combination
23357	dead	Linear Combination
23358	dead	Linear Combination
23359	dead	Linear Combination
23360	dead	Linear Combination
23361	dead	Linear Combination
23362	dead	Linear Combination
23363	dead	Linear Combination
23364	dead	Linear Combination
23365	dead	Linear Combination
23366	dead	Linear Combination
23367	dead	Linear Combination
23368	dead	Linear Combination
23369	dead	Linear Combination
23370	dead	Linear Combination
23371	dead	Linear Combination
23372	dead	Linear Combination
23373	dead	Linear Combination
23374	dead	Linear Combination
23375	dead	Linear Combination
23376	dead	Linear Combination
23377	dead	Linear Combination
23378	dead	Linear Combination
23379	dead	Linear Combination
23380	dead	Linear Combination
23381	dead	Linear Combination
23382	dead	Linear Combination
23383	dead	Linear Combination
23384	dead	Linear Combination
23385	dead	Linear Combination
23386	dead	Linear Combination
23387	dead	Linear Combination
23388	dead	Linear Combination
23389	dead	Linear Combination
23390	dead	Linear Combination
23391	dead	Linear Combination
23392	dead	Linear Combination
23393	dead	Linear Combination
23394	dead	Linear Combination
23395	dead	Linear Combination
23396	dead	Linear Combination
23397	dead	Linear Combination
23398	dead	Linear Combination
23399	dead	Linear Combination
23400	dead	Linear Combination
23401	dead	Linear Combination
23402	dead	Linear Combination
23403	dead	Linear Combination
23404	dead	Linear Combination
23405	dead	Linear Combination

Case	Nature	Analysis type
23406	dead	Linear Combination
23407	dead	Linear Combination
23408	dead	Linear Combination
23409	dead	Linear Combination
23410	dead	Linear Combination
23411	dead	Linear Combination
23412	dead	Linear Combination
23413	dead	Linear Combination
23414	dead	Linear Combination
23415	dead	Linear Combination
23416	dead	Linear Combination
23417	dead	Linear Combination
23418	dead	Linear Combination
23419	dead	Linear Combination
23420	dead	Linear Combination
23421	dead	Linear Combination
23422	dead	Linear Combination
23423	dead	Linear Combination
23424	dead	Linear Combination
23425	dead	Linear Combination
23426	dead	Linear Combination
23427	dead	Linear Combination
23428	dead	Linear Combination
23429	dead	Linear Combination
23430	dead	Linear Combination
23431	dead	Linear Combination
23432	dead	Linear Combination
23433	dead	Linear Combination
23434	dead	Linear Combination
23435	dead	Linear Combination
23436	dead	Linear Combination
23437	dead	Linear Combination
23438	dead	Linear Combination
23439	dead	Linear Combination
23440	dead	Linear Combination
23441	dead	Linear Combination
23442	dead	Linear Combination
23443	dead	Linear Combination
23444	dead	Linear Combination
23445	dead	Linear Combination
23446	dead	Linear Combination
23447	dead	Linear Combination
23448	dead	Linear Combination
23449	dead	Linear Combination
23450	dead	Linear Combination
23451	dead	Linear Combination
23452	dead	Linear Combination
23453	dead	Linear Combination
23454	dead	Linear Combination
23455	dead	Linear Combination
23456	dead	Linear Combination
23457	dead	Linear Combination

Case	Nature	Analysis type
23458	dead	Linear Combination
23459	dead	Linear Combination
23460	dead	Linear Combination
23461	dead	Linear Combination
23462	dead	Linear Combination
23463	dead	Linear Combination
23464	dead	Linear Combination
23465	dead	Linear Combination
23466	dead	Linear Combination
23467	dead	Linear Combination
23468	dead	Linear Combination
23469	dead	Linear Combination
23470	dead	Linear Combination
23471	dead	Linear Combination
23472	dead	Linear Combination
23473	dead	Linear Combination
23474	dead	Linear Combination
23475	dead	Linear Combination
23476	dead	Linear Combination
23477	dead	Linear Combination
23478	dead	Linear Combination
23479	dead	Linear Combination
23480	dead	Linear Combination
23481	dead	Linear Combination
23482	dead	Linear Combination
23483	dead	Linear Combination
23484	dead	Linear Combination
23485	dead	Linear Combination
23486	dead	Linear Combination
23487	dead	Linear Combination
23488	dead	Linear Combination
23489	dead	Linear Combination
23490	dead	Linear Combination
23491	dead	Linear Combination
23492	dead	Linear Combination
23493	dead	Linear Combination
23494	dead	Linear Combination
23495	dead	Linear Combination
23496	dead	Linear Combination
23497	dead	Linear Combination
23498	dead	Linear Combination
23499	dead	Linear Combination
23500	dead	Linear Combination
23501	dead	Linear Combination
23502	dead	Linear Combination
23503	dead	Linear Combination
23504	dead	Linear Combination
23505	dead	Linear Combination
23506	dead	Linear Combination
23507	dead	Linear Combination
23508	dead	Linear Combination
23509	dead	Linear Combination

Case	Nature	Analysis type
23510	dead	Linear Combination
23511	dead	Linear Combination
23512	dead	Linear Combination
23513	dead	Linear Combination
23514	dead	Linear Combination
23515	dead	Linear Combination
23516	dead	Linear Combination
23517	dead	Linear Combination
23518	dead	Linear Combination
23519	dead	Linear Combination
23520	dead	Linear Combination
23521	dead	Linear Combination
23522	dead	Linear Combination
23523	dead	Linear Combination
23524	dead	Linear Combination
23525	dead	Linear Combination
23526	dead	Linear Combination
23527	dead	Linear Combination
23528	dead	Linear Combination
23529	dead	Linear Combination
23530	dead	Linear Combination
23531	dead	Linear Combination
23532	dead	Linear Combination
23533	dead	Linear Combination
23534	dead	Linear Combination
23535	dead	Linear Combination
23536	dead	Linear Combination
23537	dead	Linear Combination
23538	dead	Linear Combination
23539	dead	Linear Combination
23540	dead	Linear Combination
23541	dead	Linear Combination
23542	dead	Linear Combination
23543	dead	Linear Combination
23544	dead	Linear Combination
23545	dead	Linear Combination
23546	dead	Linear Combination
23547	dead	Linear Combination
23548	dead	Linear Combination
23549	dead	Linear Combination
23550	dead	Linear Combination
23551	dead	Linear Combination
23552	dead	Linear Combination
23553	dead	Linear Combination
23554	dead	Linear Combination
23555	dead	Linear Combination
23556	dead	Linear Combination
23557	dead	Linear Combination
23558	dead	Linear Combination
23559	dead	Linear Combination
23560	dead	Linear Combination
23561	dead	Linear Combination

Case	Nature	Analysis type
23562	dead	Linear Combination
23563	dead	Linear Combination
23564	dead	Linear Combination
23565	dead	Linear Combination
23566	dead	Linear Combination
23567	dead	Linear Combination
23568	dead	Linear Combination
23569	dead	Linear Combination
23570	dead	Linear Combination
23571	dead	Linear Combination
23572	dead	Linear Combination
23573	dead	Linear Combination
23574	dead	Linear Combination
23575	dead	Linear Combination
23576	dead	Linear Combination
23577	dead	Linear Combination
23578	dead	Linear Combination
23579	dead	Linear Combination
23580	dead	Linear Combination
23581	dead	Linear Combination
23582	dead	Linear Combination
23583	dead	Linear Combination
23584	dead	Linear Combination
23585	dead	Linear Combination
23586	dead	Linear Combination
23587	dead	Linear Combination
23588	dead	Linear Combination
23589	dead	Linear Combination
23590	dead	Linear Combination
23591	dead	Linear Combination
23592	dead	Linear Combination
23593	dead	Linear Combination
23594	dead	Linear Combination
23595	dead	Linear Combination
23596	dead	Linear Combination
23597	dead	Linear Combination
23598	dead	Linear Combination
23599	dead	Linear Combination
23600	dead	Linear Combination
23601	dead	Linear Combination
23602	dead	Linear Combination
23603	dead	Linear Combination
23604	dead	Linear Combination
23605	dead	Linear Combination
23606	dead	Linear Combination
23607	dead	Linear Combination
23608	dead	Linear Combination
23609	dead	Linear Combination
23610	dead	Linear Combination
23611	dead	Linear Combination
23612	dead	Linear Combination
23613	dead	Linear Combination

Case	Nature	Analysis type
23614	dead	Linear Combination
23615	dead	Linear Combination
23616	dead	Linear Combination
23617	dead	Linear Combination
23618	dead	Linear Combination
23619	dead	Linear Combination
23620	dead	Linear Combination
23621	dead	Linear Combination
23622	dead	Linear Combination
23623	dead	Linear Combination
23624	dead	Linear Combination
23625	dead	Linear Combination
23626	dead	Linear Combination
23627	dead	Linear Combination
23628	dead	Linear Combination
23629	dead	Linear Combination
23630	dead	Linear Combination
23631	dead	Linear Combination
23632	dead	Linear Combination
23633	dead	Linear Combination
23634	dead	Linear Combination
23635	dead	Linear Combination
23636	dead	Linear Combination
23637	dead	Linear Combination
23638	dead	Linear Combination
23639	dead	Linear Combination
23640	dead	Linear Combination
23641	dead	Linear Combination
23642	dead	Linear Combination
23643	dead	Linear Combination
23644	dead	Linear Combination
23645	dead	Linear Combination
23646	dead	Linear Combination
23647	dead	Linear Combination
23648	dead	Linear Combination
23649	dead	Linear Combination
23650	dead	Linear Combination
23651	dead	Linear Combination
23652	dead	Linear Combination
23653	dead	Linear Combination
23654	dead	Linear Combination
23655	dead	Linear Combination
23656	dead	Linear Combination
23657	dead	Linear Combination
23658	dead	Linear Combination
23659	dead	Linear Combination
23660	dead	Linear Combination
23661	dead	Linear Combination
23662	dead	Linear Combination
23663	dead	Linear Combination
23664	dead	Linear Combination
23665	dead	Linear Combination

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Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Case	Nature	Analysis type
23666	dead	Linear Combination
23667	dead	Linear Combination
23668	dead	Linear Combination
23669	dead	Linear Combination
23670	dead	Linear Combination
23671	dead	Linear Combination
23672	dead	Linear Combination
23673	dead	Linear Combination
23674	dead	Linear Combination
23675	dead	Linear Combination
23676	dead	Linear Combination
23677	dead	Linear Combination
23678	dead	Linear Combination
23679	dead	Linear Combination
23680	dead	Linear Combination
23681	dead	Linear Combination
23682	dead	Linear Combination
23683	dead	Linear Combination
23684	dead	Linear Combination
23685	dead	Linear Combination
23686	dead	Linear Combination
23687	dead	Linear Combination
23688	dead	Linear Combination
23689	dead	Linear Combination
23690	dead	Linear Combination
23691	dead	Linear Combination
23692	dead	Linear Combination
23693	dead	Linear Combination
23694	dead	Linear Combination
23695	dead	Linear Combination
23696	dead	Linear Combination
23697	dead	Linear Combination
23698	dead	Linear Combination
23699	dead	Linear Combination
23700	dead	Linear Combination
23701	dead	Linear Combination
23702	dead	Linear Combination
23703	dead	Linear Combination
23704	dead	Linear Combination
23705	dead	Linear Combination
23706	dead	Linear Combination
23707	dead	Linear Combination
23708	dead	Linear Combination
23709	dead	Linear Combination
23710	dead	Linear Combination
23711	dead	Linear Combination
23712	dead	Linear Combination
23713	dead	Linear Combination
23714	dead	Linear Combination
23715	dead	Linear Combination
23716	dead	Linear Combination
23717	dead	Linear Combination

Case	Nature	Analysis type
23718	dead	Linear Combination
23719	dead	Linear Combination
23720	dead	Linear Combination
23721	dead	Linear Combination
23722	dead	Linear Combination
23723	dead	Linear Combination
23724	dead	Linear Combination
23725	dead	Linear Combination
23726	dead	Linear Combination
23727	dead	Linear Combination
23728	dead	Linear Combination
23729	dead	Linear Combination
23730	dead	Linear Combination
23731	dead	Linear Combination
23732	dead	Linear Combination
23733	dead	Linear Combination
23734	dead	Linear Combination
23735	dead	Linear Combination
23736	dead	Linear Combination
23737	dead	Linear Combination
23738	dead	Linear Combination
23739	dead	Linear Combination
23740	dead	Linear Combination
23741	dead	Linear Combination
23742	dead	Linear Combination
23743	dead	Linear Combination
23744	dead	Linear Combination
23745	dead	Linear Combination
23746	dead	Linear Combination
23747	dead	Linear Combination
23748	dead	Linear Combination
23749	dead	Linear Combination
23750	dead	Linear Combination
23751	dead	Linear Combination
23752	dead	Linear Combination
23753	dead	Linear Combination
23754	dead	Linear Combination
23755	dead	Linear Combination
23756	dead	Linear Combination
23757	dead	Linear Combination
23758	dead	Linear Combination
23759	dead	Linear Combination
23760	dead	Linear Combination
23761	dead	Linear Combination
23762	dead	Linear Combination
23763	dead	Linear Combination
23764	dead	Linear Combination
23765	dead	Linear Combination
23766	dead	Linear Combination
23767	dead	Linear Combination
23768	dead	Linear Combination
23769	dead	Linear Combination

Case	Nature	Analysis type
23770	dead	Linear Combination
23771	dead	Linear Combination
23772	dead	Linear Combination
23773	dead	Linear Combination
23774	dead	Linear Combination
23775	dead	Linear Combination
23776	dead	Linear Combination
23777	dead	Linear Combination
23778	dead	Linear Combination
23779	dead	Linear Combination
23780	dead	Linear Combination
23781	dead	Linear Combination
23782	dead	Linear Combination
23783	dead	Linear Combination
23784	dead	Linear Combination
23785	dead	Linear Combination
23786	dead	Linear Combination
23787	dead	Linear Combination
23788	dead	Linear Combination
23789	dead	Linear Combination
23790	dead	Linear Combination
23791	dead	Linear Combination
23792	dead	Linear Combination
23793	dead	Linear Combination
23794	dead	Linear Combination
23795	dead	Linear Combination
23796	dead	Linear Combination
23797	dead	Linear Combination
23798	dead	Linear Combination
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23800	dead	Linear Combination
23801	dead	Linear Combination
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23803	dead	Linear Combination
23804	dead	Linear Combination
23805	dead	Linear Combination
23806	dead	Linear Combination
23807	dead	Linear Combination
23808	dead	Linear Combination
23809	dead	Linear Combination
23810	dead	Linear Combination
23811	dead	Linear Combination
23812	dead	Linear Combination
23813	dead	Linear Combination
23814	dead	Linear Combination
23815	dead	Linear Combination
23816	dead	Linear Combination
23817	dead	Linear Combination
23818	dead	Linear Combination
23819	dead	Linear Combination
23820	dead	Linear Combination
23821	dead	Linear Combination

Case	Nature	Analysis type
23822	dead	Linear Combination
23823	dead	Linear Combination
23824	dead	Linear Combination
23825	dead	Linear Combination
23826	dead	Linear Combination
23827	dead	Linear Combination
23828	dead	Linear Combination
23829	dead	Linear Combination
23830	dead	Linear Combination
23831	dead	Linear Combination
23832	dead	Linear Combination
23833	dead	Linear Combination
23834	dead	Linear Combination
23835	dead	Linear Combination
23836	dead	Linear Combination
23837	dead	Linear Combination
23838	dead	Linear Combination
23839	dead	Linear Combination
23840	dead	Linear Combination
23841	dead	Linear Combination
23842	dead	Linear Combination
23843	dead	Linear Combination
23844	dead	Linear Combination
23845	dead	Linear Combination
23846	dead	Linear Combination
23847	dead	Linear Combination
23848	dead	Linear Combination
23849	dead	Linear Combination
23850	dead	Linear Combination
23851	dead	Linear Combination
23852	dead	Linear Combination
23853	dead	Linear Combination
23854	dead	Linear Combination
23855	dead	Linear Combination
23856	dead	Linear Combination
23857	dead	Linear Combination
23858	dead	Linear Combination
23859	dead	Linear Combination
23860	dead	Linear Combination
23861	dead	Linear Combination
23862	dead	Linear Combination
23863	dead	Linear Combination
23864	dead	Linear Combination
23865	dead	Linear Combination
23866	dead	Linear Combination
23867	dead	Linear Combination
23868	dead	Linear Combination
23869	dead	Linear Combination
23870	dead	Linear Combination
23871	dead	Linear Combination
23872	dead	Linear Combination
23873	dead	Linear Combination

Case	Nature	Analysis type
23874	dead	Linear Combination
23875	dead	Linear Combination
23876	dead	Linear Combination
23877	dead	Linear Combination
23878	dead	Linear Combination
23879	dead	Linear Combination
23880	dead	Linear Combination
23881	dead	Linear Combination
23882	dead	Linear Combination
23883	dead	Linear Combination
23884	dead	Linear Combination
23885	dead	Linear Combination
23886	dead	Linear Combination
23887	dead	Linear Combination
23888	dead	Linear Combination
23889	dead	Linear Combination
23890	dead	Linear Combination
23891	dead	Linear Combination
23892	dead	Linear Combination
23893	dead	Linear Combination
23894	dead	Linear Combination
23895	dead	Linear Combination
23896	dead	Linear Combination
23897	dead	Linear Combination
23898	dead	Linear Combination
23899	dead	Linear Combination
23900	dead	Linear Combination
23901	dead	Linear Combination
23902	dead	Linear Combination
23903	dead	Linear Combination
23904	dead	Linear Combination
23905	dead	Linear Combination
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23909	dead	Linear Combination
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23912	dead	Linear Combination
23913	dead	Linear Combination
23914	dead	Linear Combination
23915	dead	Linear Combination
23916	dead	Linear Combination
23917	dead	Linear Combination
23918	dead	Linear Combination
23919	dead	Linear Combination
23920	dead	Linear Combination
23921	dead	Linear Combination
23922	dead	Linear Combination
23923	dead	Linear Combination
23924	dead	Linear Combination
23925	dead	Linear Combination

Case	Nature	Analysis type
23926	dead	Linear Combination
23927	dead	Linear Combination
23928	dead	Linear Combination
23929	dead	Linear Combination
23930	dead	Linear Combination
23931	dead	Linear Combination
23932	dead	Linear Combination
23933	dead	Linear Combination
23934	dead	Linear Combination
23935	dead	Linear Combination
23936	dead	Linear Combination
23937	dead	Linear Combination
23938	dead	Linear Combination
23939	dead	Linear Combination
23940	dead	Linear Combination
23941	dead	Linear Combination
23942	dead	Linear Combination
23943	dead	Linear Combination
23944	dead	Linear Combination
23945	dead	Linear Combination
23946	dead	Linear Combination
23947	dead	Linear Combination
23948	dead	Linear Combination
23949	dead	Linear Combination
23950	dead	Linear Combination
23951	dead	Linear Combination
23952	dead	Linear Combination
23953	dead	Linear Combination
23954	dead	Linear Combination
23955	dead	Linear Combination
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23957	dead	Linear Combination
23958	dead	Linear Combination
23959	dead	Linear Combination
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23963	dead	Linear Combination
23964	dead	Linear Combination
23965	dead	Linear Combination
23966	dead	Linear Combination
23967	dead	Linear Combination
23968	dead	Linear Combination
23969	dead	Linear Combination
23970	dead	Linear Combination
23971	dead	Linear Combination
23972	dead	Linear Combination
23973	dead	Linear Combination
23974	dead	Linear Combination
23975	dead	Linear Combination
23976	dead	Linear Combination
23977	dead	Linear Combination

Case	Nature	Analysis type
23978	dead	Linear Combination
23979	dead	Linear Combination
23980	dead	Linear Combination
23981	dead	Linear Combination
23982	dead	Linear Combination
23983	dead	Linear Combination
23984	dead	Linear Combination
23985	dead	Linear Combination
23986	dead	Linear Combination
23987	dead	Linear Combination
23988	dead	Linear Combination
23989	dead	Linear Combination
23990	dead	Linear Combination
23991	dead	Linear Combination
23992	dead	Linear Combination
23993	dead	Linear Combination
23994	dead	Linear Combination
23995	dead	Linear Combination
23996	dead	Linear Combination
23997	dead	Linear Combination
23998	dead	Linear Combination
23999	dead	Linear Combination
24000	dead	Linear Combination
24001	dead	Linear Combination
24002	dead	Linear Combination
24003	dead	Linear Combination
24004	dead	Linear Combination
24005	dead	Linear Combination
24006	dead	Linear Combination
24007	dead	Linear Combination
24008	dead	Linear Combination
24009	dead	Linear Combination
24010	dead	Linear Combination
24011	dead	Linear Combination
24012	dead	Linear Combination
24013	dead	Linear Combination
24014	dead	Linear Combination
24015	dead	Linear Combination
24016	dead	Linear Combination
24017	dead	Linear Combination
24018	dead	Linear Combination
24019	dead	Linear Combination
24020	dead	Linear Combination
24021	dead	Linear Combination
24022	dead	Linear Combination
24023	dead	Linear Combination
24024	dead	Linear Combination
24025	dead	Linear Combination
24026	dead	Linear Combination
24027	dead	Linear Combination
24028	dead	Linear Combination
24029	dead	Linear Combination

Case	Nature	Analysis type
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24031	dead	Linear Combination
24032	dead	Linear Combination
24033	dead	Linear Combination
24034	dead	Linear Combination
24035	dead	Linear Combination
24036	dead	Linear Combination
24037	dead	Linear Combination
24038	dead	Linear Combination
24039	dead	Linear Combination
24040	dead	Linear Combination
24041	dead	Linear Combination
24042	dead	Linear Combination
24043	dead	Linear Combination
24044	dead	Linear Combination
24045	dead	Linear Combination
24046	dead	Linear Combination
24047	dead	Linear Combination
24048	dead	Linear Combination
24049	dead	Linear Combination
24050	dead	Linear Combination
24051	dead	Linear Combination
24052	dead	Linear Combination
24053	dead	Linear Combination
24054	dead	Linear Combination
24055	dead	Linear Combination
24056	dead	Linear Combination
24057	dead	Linear Combination
24058	dead	Linear Combination
24059	dead	Linear Combination
24060	dead	Linear Combination
24061	dead	Linear Combination
24062	dead	Linear Combination
24063	dead	Linear Combination
24064	dead	Linear Combination
24065	dead	Linear Combination
24066	dead	Linear Combination
24067	dead	Linear Combination
24068	dead	Linear Combination
24069	dead	Linear Combination
24070	dead	Linear Combination
24071	dead	Linear Combination
24072	dead	Linear Combination
24073	dead	Linear Combination
24074	dead	Linear Combination
24075	dead	Linear Combination
24076	dead	Linear Combination
24077	dead	Linear Combination
24078	dead	Linear Combination
24079	dead	Linear Combination
24080	dead	Linear Combination
24081	dead	Linear Combination

Case	Nature	Analysis type
24082	dead	Linear Combination
24083	dead	Linear Combination
24084	dead	Linear Combination
24085	dead	Linear Combination
24086	dead	Linear Combination
24087	dead	Linear Combination
24088	dead	Linear Combination
24089	dead	Linear Combination
24090	dead	Linear Combination
24091	dead	Linear Combination
24092	dead	Linear Combination
24093	dead	Linear Combination
24094	dead	Linear Combination
24095	dead	Linear Combination
24096	dead	Linear Combination
24097	dead	Linear Combination
24098	dead	Linear Combination
24099	dead	Linear Combination
24100	dead	Linear Combination
24101	dead	Linear Combination
24102	dead	Linear Combination
24103	dead	Linear Combination
24104	dead	Linear Combination
24105	dead	Linear Combination
24106	dead	Linear Combination
24107	dead	Linear Combination
24108	dead	Linear Combination
24109	dead	Linear Combination
24110	dead	Linear Combination
24111	dead	Linear Combination
24112	dead	Linear Combination
24113	dead	Linear Combination
24114	dead	Linear Combination
24115	dead	Linear Combination
24116	dead	Linear Combination
24117	dead	Linear Combination
24118	dead	Linear Combination
24119	dead	Linear Combination
24120	dead	Linear Combination
24121	dead	Linear Combination
24122	dead	Linear Combination
24123	dead	Linear Combination
24124	dead	Linear Combination
24125	dead	Linear Combination
24126	dead	Linear Combination
24127	dead	Linear Combination
24128	dead	Linear Combination
24129	dead	Linear Combination
24130	dead	Linear Combination
24131	dead	Linear Combination
24132	dead	Linear Combination
24133	dead	Linear Combination

Case	Nature	Analysis type
24134	dead	Linear Combination
24135	dead	Linear Combination
24136	dead	Linear Combination
24137	dead	Linear Combination
24138	dead	Linear Combination
24139	dead	Linear Combination
24140	dead	Linear Combination
24141	dead	Linear Combination
24142	dead	Linear Combination
24143	dead	Linear Combination
24144	dead	Linear Combination
24145	dead	Linear Combination
24146	dead	Linear Combination
24147	dead	Linear Combination
24148	dead	Linear Combination
24149	dead	Linear Combination
24150	dead	Linear Combination
24151	dead	Linear Combination
24152	dead	Linear Combination
24153	dead	Linear Combination
24154	dead	Linear Combination
24155	dead	Linear Combination
24156	dead	Linear Combination
24157	dead	Linear Combination
24158	dead	Linear Combination
24159	dead	Linear Combination
24160	dead	Linear Combination
24161	dead	Linear Combination
24162	dead	Linear Combination
24163	dead	Linear Combination
24164	dead	Linear Combination
24165	dead	Linear Combination
24166	dead	Linear Combination
24167	dead	Linear Combination
24168	dead	Linear Combination
24169	dead	Linear Combination
24170	dead	Linear Combination
24171	dead	Linear Combination
24172	dead	Linear Combination
24173	dead	Linear Combination
24174	dead	Linear Combination
24175	dead	Linear Combination
24176	dead	Linear Combination
24177	dead	Linear Combination
24178	dead	Linear Combination
24179	dead	Linear Combination
24180	dead	Linear Combination
24181	dead	Linear Combination
24182	dead	Linear Combination
24183	dead	Linear Combination
24184	dead	Linear Combination
24185	dead	Linear Combination

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Case	Nature	Analysis type
24186	dead	Linear Combination
24187	dead	Linear Combination
24188	dead	Linear Combination
24189	dead	Linear Combination
24190	dead	Linear Combination
24191	dead	Linear Combination
24192	dead	Linear Combination
24193	dead	Linear Combination
24194	dead	Linear Combination
24195	dead	Linear Combination
24196	dead	Linear Combination
24197	dead	Linear Combination
24198	dead	Linear Combination
24199	dead	Linear Combination
24200	dead	Linear Combination
24201	dead	Linear Combination
24202	dead	Linear Combination
24203	dead	Linear Combination
24204	dead	Linear Combination
24205	dead	Linear Combination
24206	dead	Linear Combination
24207	dead	Linear Combination
24208	dead	Linear Combination
24209	dead	Linear Combination
24210	dead	Linear Combination
24211	dead	Linear Combination
24212	dead	Linear Combination
24213	dead	Linear Combination
24214	dead	Linear Combination
24215	dead	Linear Combination
24216	dead	Linear Combination
24217	dead	Linear Combination
24218	dead	Linear Combination
24219	dead	Linear Combination
24220	dead	Linear Combination
24221	dead	Linear Combination
24222	dead	Linear Combination
24223	dead	Linear Combination
24224	dead	Linear Combination
24225	dead	Linear Combination
24226	dead	Linear Combination
24227	dead	Linear Combination
24228	dead	Linear Combination
24229	dead	Linear Combination
24230	dead	Linear Combination
24231	dead	Linear Combination
24232	dead	Linear Combination
24233	dead	Linear Combination
24234	dead	Linear Combination
24235	dead	Linear Combination
24236	dead	Linear Combination
24237	dead	Linear Combination

Case	Nature	Analysis type
24238	dead	Linear Combination
24239	dead	Linear Combination
24240	dead	Linear Combination
24241	dead	Linear Combination
24242	dead	Linear Combination
24243	dead	Linear Combination
24244	dead	Linear Combination
24245	dead	Linear Combination
24246	dead	Linear Combination
24247	dead	Linear Combination
24248	dead	Linear Combination
24249	dead	Linear Combination
24250	dead	Linear Combination
24251	dead	Linear Combination
24252	dead	Linear Combination
24253	dead	Linear Combination
24254	dead	Linear Combination
24255	dead	Linear Combination
24256	dead	Linear Combination
24257	dead	Linear Combination
24258	dead	Linear Combination
24259	dead	Linear Combination
24260	dead	Linear Combination
24261	dead	Linear Combination
24262	dead	Linear Combination
24263	dead	Linear Combination
24264	dead	Linear Combination
24265	dead	Linear Combination
24266	dead	Linear Combination
24267	dead	Linear Combination
24268	dead	Linear Combination
24269	dead	Linear Combination
24270	dead	Linear Combination
24271	dead	Linear Combination
24272	dead	Linear Combination
24273	dead	Linear Combination
24274	dead	Linear Combination
24275	dead	Linear Combination
24276	dead	Linear Combination
24277	dead	Linear Combination
24278	dead	Linear Combination
24279	dead	Linear Combination
24280	dead	Linear Combination
24281	dead	Linear Combination
24282	dead	Linear Combination
24283	dead	Linear Combination
24284	dead	Linear Combination
24285	dead	Linear Combination
24286	dead	Linear Combination
24287	dead	Linear Combination
24288	dead	Linear Combination
24289	dead	Linear Combination

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Case	Nature	Analysis type
24290	dead	Linear Combination
24291	dead	Linear Combination
24292	dead	Linear Combination
24293	dead	Linear Combination
24294	dead	Linear Combination
24295	dead	Linear Combination
24296	dead	Linear Combination
24297	dead	Linear Combination
24298	dead	Linear Combination
24299	dead	Linear Combination
24300	dead	Linear Combination
24301	dead	Linear Combination
24302	dead	Linear Combination
24303	dead	Linear Combination
24304	dead	Linear Combination
24305	dead	Linear Combination
24306	dead	Linear Combination
24307	dead	Linear Combination
24308	dead	Linear Combination
24309	dead	Linear Combination
24310	dead	Linear Combination
24311	dead	Linear Combination
24312	dead	Linear Combination
24313	dead	Linear Combination
24314	dead	Linear Combination
24315	dead	Linear Combination
24316	dead	Linear Combination
24317	dead	Linear Combination
24318	dead	Linear Combination
24319	dead	Linear Combination
24320	dead	Linear Combination
24321	dead	Linear Combination
24322	dead	Linear Combination
24323	dead	Linear Combination
24324	dead	Linear Combination
24325	dead	Linear Combination
24326	dead	Linear Combination
24327	dead	Linear Combination
24328	dead	Linear Combination
24329	dead	Linear Combination
24330	dead	Linear Combination
24331	dead	Linear Combination
24332	dead	Linear Combination
24333	dead	Linear Combination
24334	dead	Linear Combination
24335	dead	Linear Combination
24336	dead	Linear Combination
24337	dead	Linear Combination
24338	dead	Linear Combination
24339	dead	Linear Combination
24340	dead	Linear Combination
24341	dead	Linear Combination

Case	Nature	Analysis type
24342	dead	Linear Combination
24343	dead	Linear Combination
24344	dead	Linear Combination
24345	dead	Linear Combination
24346	dead	Linear Combination
24347	dead	Linear Combination
24348	dead	Linear Combination
24349	dead	Linear Combination
24350	dead	Linear Combination
24351	dead	Linear Combination
24352	dead	Linear Combination
24353	dead	Linear Combination
24354	dead	Linear Combination
24355	dead	Linear Combination
24356	dead	Linear Combination
24357	dead	Linear Combination
24358	dead	Linear Combination
24359	dead	Linear Combination
24360	dead	Linear Combination
24361	dead	Linear Combination
24362	dead	Linear Combination
24363	dead	Linear Combination
24364	dead	Linear Combination
24365	dead	Linear Combination
24366	dead	Linear Combination
24367	dead	Linear Combination
24368	dead	Linear Combination
24369	dead	Linear Combination
24370	dead	Linear Combination
24371	dead	Linear Combination
24372	dead	Linear Combination
24373	dead	Linear Combination
24374	dead	Linear Combination
24375	dead	Linear Combination
24376	dead	Linear Combination
24377	dead	Linear Combination
24378	dead	Linear Combination
24379	dead	Linear Combination
24380	dead	Linear Combination
24381	dead	Linear Combination
24382	dead	Linear Combination
24383	dead	Linear Combination
24384	dead	Linear Combination
24385	dead	Linear Combination
24386	dead	Linear Combination
24387	dead	Linear Combination
24388	dead	Linear Combination
24389	dead	Linear Combination
24390	dead	Linear Combination
24391	dead	Linear Combination
24392	dead	Linear Combination
24393	dead	Linear Combination

Case	Nature	Analysis type
24394	dead	Linear Combination
24395	dead	Linear Combination
24396	dead	Linear Combination
24397	dead	Linear Combination
24398	dead	Linear Combination
24399	dead	Linear Combination
24400	dead	Linear Combination
24401	dead	Linear Combination
24402	dead	Linear Combination
24403	dead	Linear Combination
24404	dead	Linear Combination
24405	dead	Linear Combination
24406	dead	Linear Combination
24407	dead	Linear Combination
24408	dead	Linear Combination
24409	dead	Linear Combination
24410	dead	Linear Combination
24411	dead	Linear Combination
24412	dead	Linear Combination
24413	dead	Linear Combination
24414	dead	Linear Combination
24415	dead	Linear Combination
24416	dead	Linear Combination
24417	dead	Linear Combination
24418	dead	Linear Combination
24419	dead	Linear Combination
24420	dead	Linear Combination
24421	dead	Linear Combination
24422	dead	Linear Combination
24423	dead	Linear Combination
24424	dead	Linear Combination
24425	dead	Linear Combination
24426	dead	Linear Combination
24427	dead	Linear Combination
24428	dead	Linear Combination
24429	dead	Linear Combination
24430	dead	Linear Combination
24431	dead	Linear Combination
24432	dead	Linear Combination
24433	dead	Linear Combination
24434	dead	Linear Combination
24435	dead	Linear Combination
24436	dead	Linear Combination
24437	dead	Linear Combination
24438	dead	Linear Combination
24439	dead	Linear Combination
24440	dead	Linear Combination
24441	dead	Linear Combination
24442	dead	Linear Combination
24443	dead	Linear Combination
24444	dead	Linear Combination
24445	dead	Linear Combination

Case	Nature	Analysis type
24446	dead	Linear Combination
24447	dead	Linear Combination
24448	dead	Linear Combination
24449	dead	Linear Combination
24450	dead	Linear Combination
24451	dead	Linear Combination
24452	dead	Linear Combination
24453	dead	Linear Combination
24454	dead	Linear Combination
24455	dead	Linear Combination
24456	dead	Linear Combination
24457	dead	Linear Combination
24458	dead	Linear Combination
24459	dead	Linear Combination
24460	dead	Linear Combination
24461	dead	Linear Combination
24462	dead	Linear Combination
24463	dead	Linear Combination
24464	dead	Linear Combination
24465	dead	Linear Combination
24466	dead	Linear Combination
24467	dead	Linear Combination
24468	dead	Linear Combination
24469	dead	Linear Combination
24470	dead	Linear Combination
24471	dead	Linear Combination
24472	dead	Linear Combination
24473	dead	Linear Combination
24474	dead	Linear Combination
24475	dead	Linear Combination
24476	dead	Linear Combination
24477	dead	Linear Combination
24478	dead	Linear Combination
24479	dead	Linear Combination
24480	dead	Linear Combination
24481	dead	Linear Combination
24482	dead	Linear Combination
24483	dead	Linear Combination
24484	dead	Linear Combination
24485	dead	Linear Combination
24486	dead	Linear Combination
24487	dead	Linear Combination
24488	dead	Linear Combination
24489	dead	Linear Combination
24490	dead	Linear Combination
24491	dead	Linear Combination
24492	dead	Linear Combination
24493	dead	Linear Combination
24494	dead	Linear Combination
24495	dead	Linear Combination
24496	dead	Linear Combination
24497	dead	Linear Combination

Case	Nature	Analysis type
24498	dead	Linear Combination
24499	dead	Linear Combination
24500	dead	Linear Combination
24501	dead	Linear Combination
24502	dead	Linear Combination
24503	dead	Linear Combination
24504	dead	Linear Combination
24505	dead	Linear Combination
24506	dead	Linear Combination
24507	dead	Linear Combination
24508	dead	Linear Combination
24509	dead	Linear Combination
24510	dead	Linear Combination
24511	dead	Linear Combination
24512	dead	Linear Combination
24513	dead	Linear Combination
24514	dead	Linear Combination
24515	dead	Linear Combination
24516	dead	Linear Combination
24517	dead	Linear Combination
24518	dead	Linear Combination
24519	dead	Linear Combination
24520	dead	Linear Combination
24521	dead	Linear Combination
24522	dead	Linear Combination
24523	dead	Linear Combination
24524	dead	Linear Combination
24525	dead	Linear Combination
24526	dead	Linear Combination
24527	dead	Linear Combination
24528	dead	Linear Combination
24529	dead	Linear Combination
24530	dead	Linear Combination
24531	dead	Linear Combination
24532	dead	Linear Combination
24533	dead	Linear Combination
24534	dead	Linear Combination
24535	dead	Linear Combination
24536	dead	Linear Combination
24537	dead	Linear Combination
24538	dead	Linear Combination
24539	dead	Linear Combination
24540	dead	Linear Combination
24541	dead	Linear Combination
24542	dead	Linear Combination
24543	dead	Linear Combination
24544	dead	Linear Combination
24545	dead	Linear Combination
24546	dead	Linear Combination
24547	dead	Linear Combination
24548	dead	Linear Combination
24549	dead	Linear Combination

Case	Nature	Analysis type
24550	dead	Linear Combination
24551	dead	Linear Combination
24552	dead	Linear Combination
24553	dead	Linear Combination
24554	dead	Linear Combination
24555	dead	Linear Combination
24556	dead	Linear Combination
24557	dead	Linear Combination
24558	dead	Linear Combination
24559	dead	Linear Combination
24560	dead	Linear Combination
24561	dead	Linear Combination
24562	dead	Linear Combination
24563	dead	Linear Combination
24564	dead	Linear Combination
24565	dead	Linear Combination
24566	dead	Linear Combination
24567	dead	Linear Combination
24568	dead	Linear Combination
24569	dead	Linear Combination
24570	dead	Linear Combination
24571	dead	Linear Combination
24572	dead	Linear Combination
24573	dead	Linear Combination
24574	dead	Linear Combination
24575	dead	Linear Combination
24576	dead	Linear Combination
24577	dead	Linear Combination
24578	dead	Linear Combination
24579	dead	Linear Combination
24580	dead	Linear Combination
24581	dead	Linear Combination
24582	dead	Linear Combination
24583	dead	Linear Combination
24584	dead	Linear Combination
24585	dead	Linear Combination
24586	dead	Linear Combination
24587	dead	Linear Combination
24588	dead	Linear Combination
24589	dead	Linear Combination
24590	dead	Linear Combination
24591	dead	Linear Combination
24592	dead	Linear Combination
24593	dead	Linear Combination
24594	dead	Linear Combination
24595	dead	Linear Combination
24596	dead	Linear Combination
24597	dead	Linear Combination
24598	dead	Linear Combination
24599	dead	Linear Combination
24600	dead	Linear Combination
24601	dead	Linear Combination

Case	Nature	Analysis type
24602	dead	Linear Combination
24603	dead	Linear Combination
24604	dead	Linear Combination
24605	dead	Linear Combination
24606	dead	Linear Combination
24607	dead	Linear Combination
24608	dead	Linear Combination
24609	dead	Linear Combination
24610	dead	Linear Combination
24611	dead	Linear Combination
24612	dead	Linear Combination
24613	dead	Linear Combination
24614	dead	Linear Combination
24615	dead	Linear Combination
24616	dead	Linear Combination
24617	dead	Linear Combination
24618	dead	Linear Combination
24619	dead	Linear Combination
24620	dead	Linear Combination
24621	dead	Linear Combination
24622	dead	Linear Combination
24623	dead	Linear Combination
24624	dead	Linear Combination
24625	dead	Linear Combination
24626	dead	Linear Combination
24627	dead	Linear Combination
24628	dead	Linear Combination
24629	dead	Linear Combination
24630	dead	Linear Combination
24631	dead	Linear Combination
24632	dead	Linear Combination
24633	dead	Linear Combination
24634	dead	Linear Combination
24635	dead	Linear Combination
24636	dead	Linear Combination
24637	dead	Linear Combination
24638	dead	Linear Combination
24639	dead	Linear Combination
24640	dead	Linear Combination
24641	dead	Linear Combination
24642	dead	Linear Combination
24643	dead	Linear Combination
24644	dead	Linear Combination
24645	dead	Linear Combination
24646	dead	Linear Combination
24647	dead	Linear Combination
24648	dead	Linear Combination
24649	dead	Linear Combination
24650	dead	Linear Combination
24651	dead	Linear Combination
24652	dead	Linear Combination
24653	dead	Linear Combination

Case	Nature	Analysis type
24654	dead	Linear Combination
24655	dead	Linear Combination
24656	dead	Linear Combination
24657	dead	Linear Combination
24658	dead	Linear Combination
24659	dead	Linear Combination
24660	dead	Linear Combination
24661	dead	Linear Combination
24662	dead	Linear Combination
24663	dead	Linear Combination
24664	dead	Linear Combination
24665	dead	Linear Combination
24666	dead	Linear Combination
24667	dead	Linear Combination
24668	dead	Linear Combination
24669	dead	Linear Combination
24670	dead	Linear Combination
24671	dead	Linear Combination
24672	dead	Linear Combination
24673	dead	Linear Combination
24674	dead	Linear Combination
24675	dead	Linear Combination
24676	dead	Linear Combination
24677	dead	Linear Combination
24678	dead	Linear Combination
24679	dead	Linear Combination
24680	dead	Linear Combination
24681	dead	Linear Combination
24682	dead	Linear Combination
24683	dead	Linear Combination
24684	dead	Linear Combination
24685	dead	Linear Combination
24686	dead	Linear Combination
24687	dead	Linear Combination
24688	dead	Linear Combination
24689	dead	Linear Combination
24690	dead	Linear Combination
24691	dead	Linear Combination
24692	dead	Linear Combination
24693	dead	Linear Combination
24694	dead	Linear Combination
24695	dead	Linear Combination
24696	dead	Linear Combination
24697	dead	Linear Combination
24698	dead	Linear Combination
24699	dead	Linear Combination
24700	dead	Linear Combination
24701	dead	Linear Combination
24702	dead	Linear Combination
24703	dead	Linear Combination
24704	dead	Linear Combination
24705	dead	Linear Combination

Case	Nature	Analysis type
24706	dead	Linear Combination
24707	dead	Linear Combination
24708	dead	Linear Combination
24709	dead	Linear Combination
24710	dead	Linear Combination
24711	dead	Linear Combination
24712	dead	Linear Combination
24713	dead	Linear Combination
24714	dead	Linear Combination
24715	dead	Linear Combination
24716	dead	Linear Combination
24717	dead	Linear Combination
24718	dead	Linear Combination
24719	dead	Linear Combination
24720	dead	Linear Combination
24721	dead	Linear Combination
24722	dead	Linear Combination
24723	dead	Linear Combination
24724	dead	Linear Combination
24725	dead	Linear Combination
24726	dead	Linear Combination
24727	dead	Linear Combination
24728	dead	Linear Combination
24729	dead	Linear Combination
24730	dead	Linear Combination
24731	dead	Linear Combination
24732	dead	Linear Combination
24733	dead	Linear Combination
24734	dead	Linear Combination
24735	dead	Linear Combination
24736	dead	Linear Combination
24737	dead	Linear Combination
24738	dead	Linear Combination
24739	dead	Linear Combination
24740	dead	Linear Combination
24741	dead	Linear Combination
24742	dead	Linear Combination
24743	dead	Linear Combination
24744	dead	Linear Combination
24745	dead	Linear Combination
24746	dead	Linear Combination
24747	dead	Linear Combination
24748	dead	Linear Combination
24749	dead	Linear Combination
24750	dead	Linear Combination
24751	dead	Linear Combination
24752	dead	Linear Combination
24753	dead	Linear Combination
24754	dead	Linear Combination
24755	dead	Linear Combination
24756	dead	Linear Combination
24757	dead	Linear Combination

Case	Nature	Analysis type
24758	dead	Linear Combination
24759	dead	Linear Combination
24760	dead	Linear Combination
24761	dead	Linear Combination
24762	dead	Linear Combination
24763	dead	Linear Combination
24764	dead	Linear Combination
24765	dead	Linear Combination
24766	dead	Linear Combination
24767	dead	Linear Combination
24768	dead	Linear Combination
24769	dead	Linear Combination
24770	dead	Linear Combination
24771	dead	Linear Combination
24772	dead	Linear Combination
24773	dead	Linear Combination
24774	dead	Linear Combination
24775	dead	Linear Combination
24776	dead	Linear Combination
24777	dead	Linear Combination
24778	dead	Linear Combination
24779	dead	Linear Combination
24780	dead	Linear Combination
24781	dead	Linear Combination
24782	dead	Linear Combination
24783	dead	Linear Combination
24784	dead	Linear Combination
24785	dead	Linear Combination
24786	dead	Linear Combination
24787	dead	Linear Combination
24788	dead	Linear Combination
24789	dead	Linear Combination
24790	dead	Linear Combination
24791	dead	Linear Combination
24792	dead	Linear Combination
24793	dead	Linear Combination
24794	dead	Linear Combination
24795	dead	Linear Combination
24796	dead	Linear Combination
24797	dead	Linear Combination
24798	dead	Linear Combination
24799	dead	Linear Combination
24800	dead	Linear Combination
24801	dead	Linear Combination
24802	dead	Linear Combination
24803	dead	Linear Combination
24804	dead	Linear Combination
24805	dead	Linear Combination
24806	dead	Linear Combination
24807	dead	Linear Combination
24808	dead	Linear Combination
24809	dead	Linear Combination

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Address:
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Case	Nature	Analysis type
24810	dead	Linear Combination
24811	dead	Linear Combination
24812	dead	Linear Combination
24813	dead	Linear Combination
24814	dead	Linear Combination
24815	dead	Linear Combination
24816	dead	Linear Combination
24817	dead	Linear Combination
24818	dead	Linear Combination
24819	dead	Linear Combination
24820	dead	Linear Combination
24821	dead	Linear Combination
24822	dead	Linear Combination
24823	dead	Linear Combination
24824	dead	Linear Combination
24825	dead	Linear Combination
24826	dead	Linear Combination
24827	dead	Linear Combination
24828	dead	Linear Combination
24829	dead	Linear Combination
24830	dead	Linear Combination
24831	dead	Linear Combination
24832	dead	Linear Combination
24833	dead	Linear Combination
24834	dead	Linear Combination
24835	dead	Linear Combination
24836	dead	Linear Combination
24837	dead	Linear Combination
24838	dead	Linear Combination
24839	dead	Linear Combination
24840	dead	Linear Combination
24841	dead	Linear Combination
24842	dead	Linear Combination
24843	dead	Linear Combination
24844	dead	Linear Combination
24845	dead	Linear Combination
24846	dead	Linear Combination
24847	dead	Linear Combination
24848	dead	Linear Combination
24849	dead	Linear Combination
24850	dead	Linear Combination
24851	dead	Linear Combination
24852	dead	Linear Combination
24853	dead	Linear Combination
24854	dead	Linear Combination
24855	dead	Linear Combination
24856	dead	Linear Combination
24857	dead	Linear Combination
24858	dead	Linear Combination
24859	dead	Linear Combination
24860	dead	Linear Combination
24861	dead	Linear Combination

Case	Nature	Analysis type
24862	dead	Linear Combination
24863	dead	Linear Combination
24864	dead	Linear Combination
24865	dead	Linear Combination
24866	dead	Linear Combination
24867	dead	Linear Combination
24868	dead	Linear Combination
24869	dead	Linear Combination
24870	dead	Linear Combination
24871	dead	Linear Combination
24872	dead	Linear Combination
24873	dead	Linear Combination
24874	dead	Linear Combination
24875	dead	Linear Combination
24876	dead	Linear Combination
24877	dead	Linear Combination
24878	dead	Linear Combination
24879	dead	Linear Combination
24880	dead	Linear Combination
24881	dead	Linear Combination
24882	dead	Linear Combination
24883	dead	Linear Combination
24884	dead	Linear Combination
24885	dead	Linear Combination
24886	dead	Linear Combination
24887	dead	Linear Combination
24888	dead	Linear Combination
24889	dead	Linear Combination
24890	dead	Linear Combination
24891	dead	Linear Combination
24892	dead	Linear Combination
24893	dead	Linear Combination
24894	dead	Linear Combination
24895	dead	Linear Combination
24896	dead	Linear Combination
24897	dead	Linear Combination
24898	dead	Linear Combination
24899	dead	Linear Combination
24900	dead	Linear Combination
24901	dead	Linear Combination
24902	dead	Linear Combination
24903	dead	Linear Combination
24904	dead	Linear Combination
24905	dead	Linear Combination
24906	dead	Linear Combination
24907	dead	Linear Combination
24908	dead	Linear Combination
24909	dead	Linear Combination
24910	dead	Linear Combination
24911	dead	Linear Combination
24912	dead	Linear Combination
24913	dead	Linear Combination

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Case	Nature	Analysis type
24914	dead	Linear Combination
24915	dead	Linear Combination
24916	dead	Linear Combination
24917	dead	Linear Combination
24918	dead	Linear Combination
24919	dead	Linear Combination
24920	dead	Linear Combination
24921	dead	Linear Combination
24922	dead	Linear Combination
24923	dead	Linear Combination
24924	dead	Linear Combination
24925	dead	Linear Combination
24926	dead	Linear Combination
24927	dead	Linear Combination
24928	dead	Linear Combination
24929	dead	Linear Combination
24930	dead	Linear Combination
24931	dead	Linear Combination
24932	dead	Linear Combination
24933	dead	Linear Combination
24934	dead	Linear Combination
24935	dead	Linear Combination
24936	dead	Linear Combination
24937	dead	Linear Combination
24938	dead	Linear Combination
24939	dead	Linear Combination
24940	dead	Linear Combination
24941	dead	Linear Combination
24942	dead	Linear Combination
24943	dead	Linear Combination
24944	dead	Linear Combination
24945	dead	Linear Combination
24946	dead	Linear Combination
24947	dead	Linear Combination
24948	dead	Linear Combination
24949	dead	Linear Combination
24950	dead	Linear Combination
24951	dead	Linear Combination
24952	dead	Linear Combination
24953	dead	Linear Combination
24954	dead	Linear Combination
24955	dead	Linear Combination
24956	dead	Linear Combination
24957	dead	Linear Combination
24958	dead	Linear Combination
24959	dead	Linear Combination
24960	dead	Linear Combination
24961	dead	Linear Combination
24962	dead	Linear Combination
24963	dead	Linear Combination
24964	dead	Linear Combination
24965	dead	Linear Combination

Case	Nature	Analysis type
24966	dead	Linear Combination
24967	dead	Linear Combination
24968	dead	Linear Combination
24969	dead	Linear Combination
24970	dead	Linear Combination
24971	dead	Linear Combination
24972	dead	Linear Combination
24973	dead	Linear Combination
24974	dead	Linear Combination
24975	dead	Linear Combination
24976	dead	Linear Combination
24977	dead	Linear Combination
24978	dead	Linear Combination
24979	dead	Linear Combination
24980	dead	Linear Combination
24981	dead	Linear Combination
24982	dead	Linear Combination
24983	dead	Linear Combination
24984	dead	Linear Combination
24985	dead	Linear Combination
24986	dead	Linear Combination
24987	dead	Linear Combination
24988	dead	Linear Combination
24989	dead	Linear Combination
24990	dead	Linear Combination
24991	dead	Linear Combination
24992	dead	Linear Combination
24993	dead	Linear Combination
24994	dead	Linear Combination
24995	dead	Linear Combination
24996	dead	Linear Combination
24997	dead	Linear Combination
24998	dead	Linear Combination
24999	dead	Linear Combination
25000	dead	Linear Combination
25001	dead	Linear Combination
25002	dead	Linear Combination
25003	dead	Linear Combination
25004	dead	Linear Combination
25005	dead	Linear Combination
25006	dead	Linear Combination
25007	dead	Linear Combination
25008	dead	Linear Combination
25009	dead	Linear Combination
25010	dead	Linear Combination
25011	dead	Linear Combination
25012	dead	Linear Combination
25013	dead	Linear Combination
25014	dead	Linear Combination
25015	dead	Linear Combination
25016	dead	Linear Combination
25017	dead	Linear Combination

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Case	Nature	Analysis type
25018	dead	Linear Combination
25019	dead	Linear Combination
25020	dead	Linear Combination
25021	dead	Linear Combination
25022	dead	Linear Combination
25023	dead	Linear Combination
25024	dead	Linear Combination
25025	dead	Linear Combination
25026	dead	Linear Combination
25027	dead	Linear Combination
25028	dead	Linear Combination
25029	dead	Linear Combination
25030	dead	Linear Combination
25031	dead	Linear Combination
25032	dead	Linear Combination
25033	dead	Linear Combination
25034	dead	Linear Combination
25035	dead	Linear Combination
25036	dead	Linear Combination
25037	dead	Linear Combination
25038	dead	Linear Combination
25039	dead	Linear Combination
25040	dead	Linear Combination
25041	dead	Linear Combination
25042	dead	Linear Combination
25043	dead	Linear Combination
25044	dead	Linear Combination
25045	dead	Linear Combination
25046	dead	Linear Combination
25047	dead	Linear Combination
25048	dead	Linear Combination
25049	dead	Linear Combination
25050	dead	Linear Combination
25051	dead	Linear Combination
25052	dead	Linear Combination
25053	dead	Linear Combination
25054	dead	Linear Combination
25055	dead	Linear Combination
25056	dead	Linear Combination
25057	dead	Linear Combination
25058	dead	Linear Combination
25059	dead	Linear Combination
25060	dead	Linear Combination
25061	dead	Linear Combination
25062	dead	Linear Combination
25063	dead	Linear Combination
25064	dead	Linear Combination
25065	dead	Linear Combination
25066	dead	Linear Combination
25067	dead	Linear Combination
25068	dead	Linear Combination
25069	dead	Linear Combination

Case	Nature	Analysis type
25070	dead	Linear Combination
25071	dead	Linear Combination
25072	dead	Linear Combination
25073	dead	Linear Combination
25074	dead	Linear Combination
25075	dead	Linear Combination
25076	dead	Linear Combination
25077	dead	Linear Combination
25078	dead	Linear Combination
25079	dead	Linear Combination
25080	dead	Linear Combination
25081	dead	Linear Combination
25082	dead	Linear Combination
25083	dead	Linear Combination
25084	dead	Linear Combination
25085	dead	Linear Combination
25086	dead	Linear Combination
25087	dead	Linear Combination
25088	dead	Linear Combination
25089	dead	Linear Combination
25090	dead	Linear Combination
25091	dead	Linear Combination
25092	dead	Linear Combination
25093	dead	Linear Combination
25094	dead	Linear Combination
25095	dead	Linear Combination
25096	dead	Linear Combination
25097	dead	Linear Combination
25098	dead	Linear Combination
25099	dead	Linear Combination
25100	dead	Linear Combination
25101	dead	Linear Combination
25102	dead	Linear Combination
25103	dead	Linear Combination
25104	dead	Linear Combination
25105	dead	Linear Combination
25106	dead	Linear Combination
25107	dead	Linear Combination
25108	dead	Linear Combination
25109	dead	Linear Combination
25110	dead	Linear Combination
25111	dead	Linear Combination
25112	dead	Linear Combination
25113	dead	Linear Combination
25114	dead	Linear Combination
25115	dead	Linear Combination
25116	dead	Linear Combination
25117	dead	Linear Combination
25118	dead	Linear Combination
25119	dead	Linear Combination
25120	dead	Linear Combination
25121	dead	Linear Combination

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Case	Nature	Analysis type
25122	dead	Linear Combination
25123	dead	Linear Combination
25124	dead	Linear Combination
25125	dead	Linear Combination
25126	dead	Linear Combination
25127	dead	Linear Combination
25128	dead	Linear Combination
25129	dead	Linear Combination
25130	dead	Linear Combination
25131	dead	Linear Combination
25132	dead	Linear Combination
25133	dead	Linear Combination
25134	dead	Linear Combination
25135	dead	Linear Combination
25136	dead	Linear Combination
25137	dead	Linear Combination
25138	dead	Linear Combination
25139	dead	Linear Combination
25140	dead	Linear Combination
25141	dead	Linear Combination
25142	dead	Linear Combination
25143	dead	Linear Combination
25144	dead	Linear Combination
25145	dead	Linear Combination
25146	dead	Linear Combination
25147	dead	Linear Combination
25148	dead	Linear Combination
25149	dead	Linear Combination
25150	dead	Linear Combination
25151	dead	Linear Combination
25152	dead	Linear Combination
25153	dead	Linear Combination
25154	dead	Linear Combination
25155	dead	Linear Combination
25156	dead	Linear Combination
25157	dead	Linear Combination
25158	dead	Linear Combination
25159	dead	Linear Combination
25160	dead	Linear Combination
25161	dead	Linear Combination
25162	dead	Linear Combination
25163	dead	Linear Combination
25164	dead	Linear Combination
25165	dead	Linear Combination
25166	dead	Linear Combination
25167	dead	Linear Combination
25168	dead	Linear Combination
25169	dead	Linear Combination
25170	dead	Linear Combination
25171	dead	Linear Combination
25172	dead	Linear Combination
25173	dead	Linear Combination

Case	Nature	Analysis type
25174	dead	Linear Combination
25175	dead	Linear Combination
25176	dead	Linear Combination
25177	dead	Linear Combination
25178	dead	Linear Combination
25179	dead	Linear Combination
25180	dead	Linear Combination
25181	dead	Linear Combination
25182	dead	Linear Combination
25183	dead	Linear Combination
25184	dead	Linear Combination
25185	dead	Linear Combination
25186	dead	Linear Combination
25187	dead	Linear Combination
25188	dead	Linear Combination
25189	dead	Linear Combination
25190	dead	Linear Combination
25191	dead	Linear Combination
25192	dead	Linear Combination
25193	dead	Linear Combination
25194	dead	Linear Combination
25195	dead	Linear Combination
25196	dead	Linear Combination
25197	dead	Linear Combination
25198	dead	Linear Combination
25199	dead	Linear Combination
25200	dead	Linear Combination
25201	dead	Linear Combination
25202	dead	Linear Combination
25203	dead	Linear Combination
25204	dead	Linear Combination
25205	dead	Linear Combination
25206	dead	Linear Combination
25207	dead	Linear Combination
25208	dead	Linear Combination
25209	dead	Linear Combination
25210	dead	Linear Combination
25211	dead	Linear Combination
25212	dead	Linear Combination
25213	dead	Linear Combination
25214	dead	Linear Combination
25215	dead	Linear Combination
25216	dead	Linear Combination
25217	dead	Linear Combination
25218	dead	Linear Combination
25219	dead	Linear Combination
25220	dead	Linear Combination
25221	dead	Linear Combination
25222	dead	Linear Combination
25223	dead	Linear Combination
25224	dead	Linear Combination
25225	dead	Linear Combination

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Case	Nature	Analysis type
25226	dead	Linear Combination
25227	dead	Linear Combination
25228	dead	Linear Combination
25229	dead	Linear Combination
25230	dead	Linear Combination
25231	dead	Linear Combination
25232	dead	Linear Combination
25233	dead	Linear Combination
25234	dead	Linear Combination
25235	dead	Linear Combination
25236	dead	Linear Combination
25237	dead	Linear Combination
25238	dead	Linear Combination
25239	dead	Linear Combination
25240	dead	Linear Combination
25241	dead	Linear Combination
25242	dead	Linear Combination
25243	dead	Linear Combination
25244	dead	Linear Combination
25245	dead	Linear Combination
25246	dead	Linear Combination
25247	dead	Linear Combination
25248	dead	Linear Combination
25249	dead	Linear Combination
25250	dead	Linear Combination
25251	dead	Linear Combination
25252	dead	Linear Combination
25253	dead	Linear Combination
25254	dead	Linear Combination
25255	dead	Linear Combination
25256	dead	Linear Combination
25257	dead	Linear Combination
25258	dead	Linear Combination
25259	dead	Linear Combination
25260	dead	Linear Combination
25261	dead	Linear Combination
25262	dead	Linear Combination
25263	dead	Linear Combination
25264	dead	Linear Combination
25265	dead	Linear Combination
25266	dead	Linear Combination
25267	dead	Linear Combination
25268	dead	Linear Combination
25269	dead	Linear Combination
25270	dead	Linear Combination
25271	dead	Linear Combination
25272	dead	Linear Combination
25273	dead	Linear Combination
25274	dead	Linear Combination
25275	dead	Linear Combination
25276	dead	Linear Combination
25277	dead	Linear Combination

Case	Nature	Analysis type
25278	dead	Linear Combination
25279	dead	Linear Combination
25280	dead	Linear Combination
25281	dead	Linear Combination
25282	dead	Linear Combination
25283	dead	Linear Combination
25284	dead	Linear Combination
25285	dead	Linear Combination
25286	dead	Linear Combination
25287	dead	Linear Combination
25288	dead	Linear Combination
25289	dead	Linear Combination
25290	dead	Linear Combination
25291	dead	Linear Combination
25292	dead	Linear Combination
25293	dead	Linear Combination
25294	dead	Linear Combination
25295	dead	Linear Combination
25296	dead	Linear Combination
25297	dead	Linear Combination
25298	dead	Linear Combination
25299	dead	Linear Combination
25300	dead	Linear Combination
25301	dead	Linear Combination
25302	dead	Linear Combination
25303	dead	Linear Combination
25304	dead	Linear Combination
25305	dead	Linear Combination
25306	dead	Linear Combination
25307	dead	Linear Combination
25308	dead	Linear Combination
25309	dead	Linear Combination
25310	dead	Linear Combination
25311	dead	Linear Combination
25312	dead	Linear Combination
25313	dead	Linear Combination
25314	dead	Linear Combination
25315	dead	Linear Combination
25316	dead	Linear Combination
25317	dead	Linear Combination
25318	dead	Linear Combination
25319	dead	Linear Combination
25320	dead	Linear Combination
25321	dead	Linear Combination
25322	dead	Linear Combination
25323	dead	Linear Combination
25324	dead	Linear Combination
25325	dead	Linear Combination
25326	dead	Linear Combination
25327	dead	Linear Combination
25328	dead	Linear Combination
25329	dead	Linear Combination

Case	Nature	Analysis type
25330	dead	Linear Combination
25331	dead	Linear Combination
25332	dead	Linear Combination
25333	dead	Linear Combination
25334	dead	Linear Combination
25335	dead	Linear Combination
25336	dead	Linear Combination
25337	dead	Linear Combination
25338	dead	Linear Combination
25339	dead	Linear Combination
25340	dead	Linear Combination
25341	dead	Linear Combination
25342	dead	Linear Combination
25343	dead	Linear Combination
25344	dead	Linear Combination
25345	dead	Linear Combination
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25347	dead	Linear Combination
25348	dead	Linear Combination
25349	dead	Linear Combination
25350	dead	Linear Combination
25351	dead	Linear Combination
25352	dead	Linear Combination
25353	dead	Linear Combination
25354	dead	Linear Combination
25355	dead	Linear Combination
25356	dead	Linear Combination
25357	dead	Linear Combination
25358	dead	Linear Combination
25359	dead	Linear Combination
25360	dead	Linear Combination
25361	dead	Linear Combination
25362	dead	Linear Combination
25363	dead	Linear Combination
25364	dead	Linear Combination
25365	dead	Linear Combination
25366	dead	Linear Combination
25367	dead	Linear Combination
25368	dead	Linear Combination
25369	dead	Linear Combination
25370	dead	Linear Combination
25371	dead	Linear Combination
25372	dead	Linear Combination
25373	dead	Linear Combination
25374	dead	Linear Combination
25375	dead	Linear Combination
25376	dead	Linear Combination
25377	dead	Linear Combination
25378	dead	Linear Combination
25379	dead	Linear Combination
25380	dead	Linear Combination
25381	dead	Linear Combination

Case	Nature	Analysis type
25382	dead	Linear Combination
25383	dead	Linear Combination
25384	dead	Linear Combination
25385	dead	Linear Combination
25386	dead	Linear Combination
25387	dead	Linear Combination
25388	dead	Linear Combination
25389	dead	Linear Combination
25390	dead	Linear Combination
25391	dead	Linear Combination
25392	dead	Linear Combination
25393	dead	Linear Combination
25394	dead	Linear Combination
25395	dead	Linear Combination
25396	dead	Linear Combination
25397	dead	Linear Combination
25398	dead	Linear Combination
25399	dead	Linear Combination
25400	dead	Linear Combination
25401	dead	Linear Combination
25402	dead	Linear Combination
25403	dead	Linear Combination
25404	dead	Linear Combination
25405	dead	Linear Combination
25406	dead	Linear Combination
25407	dead	Linear Combination
25408	dead	Linear Combination
25409	dead	Linear Combination
25410	dead	Linear Combination
25411	dead	Linear Combination
25412	dead	Linear Combination
25413	dead	Linear Combination
25414	dead	Linear Combination
25415	dead	Linear Combination
25416	dead	Linear Combination
25417	dead	Linear Combination
25418	dead	Linear Combination
25419	dead	Linear Combination
25420	dead	Linear Combination
25421	dead	Linear Combination
25422	dead	Linear Combination
25423	dead	Linear Combination
25424	dead	Linear Combination
25425	dead	Linear Combination
25426	dead	Linear Combination
25427	dead	Linear Combination
25428	dead	Linear Combination
25429	dead	Linear Combination
25430	dead	Linear Combination
25431	dead	Linear Combination
25432	dead	Linear Combination
25433	dead	Linear Combination

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Case	Nature	Analysis type
25434	dead	Linear Combination
25435	dead	Linear Combination
25436	dead	Linear Combination
25437	dead	Linear Combination
25438	dead	Linear Combination
25439	dead	Linear Combination
25440	dead	Linear Combination
25441	dead	Linear Combination
25442	dead	Linear Combination
25443	dead	Linear Combination
25444	dead	Linear Combination
25445	dead	Linear Combination
25446	dead	Linear Combination
25447	dead	Linear Combination
25448	dead	Linear Combination
25449	dead	Linear Combination
25450	dead	Linear Combination
25451	dead	Linear Combination
25452	dead	Linear Combination
25453	dead	Linear Combination
25454	dead	Linear Combination
25455	dead	Linear Combination
25456	dead	Linear Combination
25457	dead	Linear Combination
25458	dead	Linear Combination
25459	dead	Linear Combination
25460	dead	Linear Combination
25461	dead	Linear Combination
25462	dead	Linear Combination
25463	dead	Linear Combination
25464	dead	Linear Combination
25465	dead	Linear Combination
25466	dead	Linear Combination
25467	dead	Linear Combination
25468	dead	Linear Combination
25469	dead	Linear Combination
25470	dead	Linear Combination
25471	dead	Linear Combination
25472	dead	Linear Combination
25473	dead	Linear Combination
25474	dead	Linear Combination
25475	dead	Linear Combination
25476	dead	Linear Combination
25477	dead	Linear Combination
25478	dead	Linear Combination
25479	dead	Linear Combination
25480	dead	Linear Combination
25481	dead	Linear Combination
25482	dead	Linear Combination
25483	dead	Linear Combination
25484	dead	Linear Combination
25485	dead	Linear Combination

Case	Nature	Analysis type
25486	dead	Linear Combination
25487	dead	Linear Combination
25488	dead	Linear Combination
25489	dead	Linear Combination
25490	dead	Linear Combination
25491	dead	Linear Combination
25492	dead	Linear Combination
25493	dead	Linear Combination
25494	dead	Linear Combination
25495	dead	Linear Combination
25496	dead	Linear Combination
25497	dead	Linear Combination
25498	dead	Linear Combination
25499	dead	Linear Combination
25500	dead	Linear Combination
25501	dead	Linear Combination
25502	dead	Linear Combination
25503	dead	Linear Combination
25504	dead	Linear Combination
25505	dead	Linear Combination
25506	dead	Linear Combination
25507	dead	Linear Combination
25508	dead	Linear Combination
25509	dead	Linear Combination
25510	dead	Linear Combination
25511	dead	Linear Combination
25512	dead	Linear Combination
25513	dead	Linear Combination
25514	dead	Linear Combination
25515	dead	Linear Combination
25516	dead	Linear Combination
25517	dead	Linear Combination
25518	dead	Linear Combination
25519	dead	Linear Combination
25520	dead	Linear Combination
25521	dead	Linear Combination
25522	dead	Linear Combination
25523	dead	Linear Combination
25524	dead	Linear Combination
25525	dead	Linear Combination
25526	dead	Linear Combination
25527	dead	Linear Combination
25528	dead	Linear Combination
25529	dead	Linear Combination
25530	dead	Linear Combination
25531	dead	Linear Combination
25532	dead	Linear Combination
25533	dead	Linear Combination
25534	dead	Linear Combination
25535	dead	Linear Combination
25536	dead	Linear Combination
25537	dead	Linear Combination

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Case	Nature	Analysis type
25538	dead	Linear Combination
25539	dead	Linear Combination
25540	dead	Linear Combination
25541	dead	Linear Combination
25542	dead	Linear Combination
25543	dead	Linear Combination
25544	dead	Linear Combination
25545	dead	Linear Combination
25546	dead	Linear Combination
25547	dead	Linear Combination
25548	dead	Linear Combination
25549	dead	Linear Combination
25550	dead	Linear Combination
25551	dead	Linear Combination
25552	dead	Linear Combination
25553	dead	Linear Combination
25554	dead	Linear Combination
25555	dead	Linear Combination
25556	dead	Linear Combination
25557	dead	Linear Combination
25558	dead	Linear Combination
25559	dead	Linear Combination
25560	dead	Linear Combination
25561	dead	Linear Combination
25562	dead	Linear Combination
25563	dead	Linear Combination
25564	dead	Linear Combination
25565	dead	Linear Combination
25566	dead	Linear Combination
25567	dead	Linear Combination
25568	dead	Linear Combination
25569	dead	Linear Combination
25570	dead	Linear Combination
25571	dead	Linear Combination
25572	dead	Linear Combination
25573	dead	Linear Combination
25574	dead	Linear Combination
25575	dead	Linear Combination
25576	dead	Linear Combination
25577	dead	Linear Combination
25578	dead	Linear Combination
25579	dead	Linear Combination
25580	dead	Linear Combination
25581	dead	Linear Combination
25582	dead	Linear Combination
25583	dead	Linear Combination
25584	dead	Linear Combination
25585	dead	Linear Combination
25586	dead	Linear Combination
25587	dead	Linear Combination
25588	dead	Linear Combination
25589	dead	Linear Combination

Case	Nature	Analysis type
25590	dead	Linear Combination
25591	dead	Linear Combination
25592	dead	Linear Combination
25593	dead	Linear Combination
25594	dead	Linear Combination
25595	dead	Linear Combination
25596	dead	Linear Combination
25597	dead	Linear Combination
25598	dead	Linear Combination
25599	dead	Linear Combination
25600	dead	Linear Combination
25601	dead	Linear Combination
25602	dead	Linear Combination
25603	dead	Linear Combination
25604	dead	Linear Combination
25605	dead	Linear Combination
25606	dead	Linear Combination
25607	dead	Linear Combination
25608	dead	Linear Combination
25609	dead	Linear Combination
25610	dead	Linear Combination
25611	dead	Linear Combination
25612	dead	Linear Combination
25613	dead	Linear Combination
25614	dead	Linear Combination
25615	dead	Linear Combination
25616	dead	Linear Combination
25617	dead	Linear Combination
25618	dead	Linear Combination
25619	dead	Linear Combination
25620	dead	Linear Combination
25621	dead	Linear Combination
25622	dead	Linear Combination
25623	dead	Linear Combination
25624	dead	Linear Combination
25625	dead	Linear Combination
25626	dead	Linear Combination
25627	dead	Linear Combination
25628	dead	Linear Combination
25629	dead	Linear Combination
25630	dead	Linear Combination
25631	dead	Linear Combination
25632	dead	Linear Combination
25633	dead	Linear Combination
25634	dead	Linear Combination
25635	dead	Linear Combination
25636	dead	Linear Combination
25637	dead	Linear Combination
25638	dead	Linear Combination
25639	dead	Linear Combination
25640	dead	Linear Combination
25641	dead	Linear Combination

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Case	Nature	Analysis type
25642	dead	Linear Combination
25643	dead	Linear Combination
25644	dead	Linear Combination
25645	dead	Linear Combination
25646	dead	Linear Combination
25647	dead	Linear Combination
25648	dead	Linear Combination
25649	dead	Linear Combination
25650	dead	Linear Combination
25651	dead	Linear Combination
25652	dead	Linear Combination
25653	dead	Linear Combination
25654	dead	Linear Combination
25655	dead	Linear Combination
25656	dead	Linear Combination
25657	dead	Linear Combination
25658	dead	Linear Combination
25659	dead	Linear Combination
25660	dead	Linear Combination
25661	dead	Linear Combination
25662	dead	Linear Combination
25663	dead	Linear Combination
25664	dead	Linear Combination
25665	dead	Linear Combination
25666	dead	Linear Combination
25667	dead	Linear Combination
25668	dead	Linear Combination
25669	dead	Linear Combination
25670	dead	Linear Combination
25671	dead	Linear Combination
25672	dead	Linear Combination
25673	dead	Linear Combination
25674	dead	Linear Combination
25675	dead	Linear Combination
25676	dead	Linear Combination
25677	dead	Linear Combination
25678	dead	Linear Combination
25679	dead	Linear Combination
25680	dead	Linear Combination
25681	dead	Linear Combination
25682	dead	Linear Combination
25683	dead	Linear Combination
25684	dead	Linear Combination
25685	dead	Linear Combination
25686	dead	Linear Combination
25687	dead	Linear Combination
25688	dead	Linear Combination
25689	dead	Linear Combination
25690	dead	Linear Combination
25691	dead	Linear Combination
25692	dead	Linear Combination
25693	dead	Linear Combination

Case	Nature	Analysis type
25694	dead	Linear Combination
25695	dead	Linear Combination
25696	dead	Linear Combination
25697	dead	Linear Combination
25698	dead	Linear Combination
25699	dead	Linear Combination
25700	dead	Linear Combination
25701	dead	Linear Combination
25702	dead	Linear Combination
25703	dead	Linear Combination
25704	dead	Linear Combination
25705	dead	Linear Combination
25706	dead	Linear Combination
25707	dead	Linear Combination
25708	dead	Linear Combination
25709	dead	Linear Combination
25710	dead	Linear Combination
25711	dead	Linear Combination
25712	dead	Linear Combination
25713	dead	Linear Combination
25714	dead	Linear Combination
25715	dead	Linear Combination
25716	dead	Linear Combination
25717	dead	Linear Combination
25718	dead	Linear Combination
25719	dead	Linear Combination
25720	dead	Linear Combination
25721	dead	Linear Combination
25722	dead	Linear Combination
25723	dead	Linear Combination
25724	dead	Linear Combination
25725	dead	Linear Combination
25726	dead	Linear Combination
25727	dead	Linear Combination
25728	dead	Linear Combination
25729	dead	Linear Combination
25730	dead	Linear Combination
25731	dead	Linear Combination
25732	dead	Linear Combination
25733	dead	Linear Combination
25734	dead	Linear Combination
25735	dead	Linear Combination
25736	dead	Linear Combination
25737	dead	Linear Combination
25738	dead	Linear Combination
25739	dead	Linear Combination
25740	dead	Linear Combination
25741	dead	Linear Combination
25742	dead	Linear Combination
25743	dead	Linear Combination
25744	dead	Linear Combination
25745	dead	Linear Combination

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Case	Nature	Analysis type
25746	dead	Linear Combination
25747	dead	Linear Combination
25748	dead	Linear Combination
25749	dead	Linear Combination
25750	dead	Linear Combination
25751	dead	Linear Combination
25752	dead	Linear Combination
25753	dead	Linear Combination
25754	dead	Linear Combination
25755	dead	Linear Combination
25756	dead	Linear Combination
25757	dead	Linear Combination
25758	dead	Linear Combination
25759	dead	Linear Combination
25760	dead	Linear Combination
25761	dead	Linear Combination
25762	dead	Linear Combination
25763	dead	Linear Combination
25764	dead	Linear Combination
25765	dead	Linear Combination
25766	dead	Linear Combination
25767	dead	Linear Combination
25768	dead	Linear Combination
25769	dead	Linear Combination
25770	dead	Linear Combination
25771	dead	Linear Combination
25772	dead	Linear Combination
25773	dead	Linear Combination
25774	dead	Linear Combination
25775	dead	Linear Combination
25776	dead	Linear Combination
25777	dead	Linear Combination
25778	dead	Linear Combination
25779	dead	Linear Combination
25780	dead	Linear Combination
25781	dead	Linear Combination
25782	dead	Linear Combination
25783	dead	Linear Combination
25784	dead	Linear Combination
25785	dead	Linear Combination
25786	dead	Linear Combination
25787	dead	Linear Combination
25788	dead	Linear Combination
25789	dead	Linear Combination
25790	dead	Linear Combination
25791	dead	Linear Combination
25792	dead	Linear Combination
25793	dead	Linear Combination
25794	dead	Linear Combination
25795	dead	Linear Combination
25796	dead	Linear Combination
25797	dead	Linear Combination

Case	Nature	Analysis type
25798	dead	Linear Combination
25799	dead	Linear Combination
25800	dead	Linear Combination
25801	dead	Linear Combination
25802	dead	Linear Combination
25803	dead	Linear Combination
25804	dead	Linear Combination
25805	dead	Linear Combination
25806	dead	Linear Combination
25807	dead	Linear Combination
25808	dead	Linear Combination
25809	dead	Linear Combination
25810	dead	Linear Combination
25811	dead	Linear Combination
25812	dead	Linear Combination
25813	dead	Linear Combination
25814	dead	Linear Combination
25815	dead	Linear Combination
25816	dead	Linear Combination
25817	dead	Linear Combination
25818	dead	Linear Combination
25819	dead	Linear Combination
25820	dead	Linear Combination
25821	dead	Linear Combination
25822	dead	Linear Combination
25823	dead	Linear Combination
25824	dead	Linear Combination
25825	dead	Linear Combination
25826	dead	Linear Combination
25827	dead	Linear Combination
25828	dead	Linear Combination
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25830	dead	Linear Combination
25831	dead	Linear Combination
25832	dead	Linear Combination
25833	dead	Linear Combination
25834	dead	Linear Combination
25835	dead	Linear Combination
25836	dead	Linear Combination
25837	dead	Linear Combination
25838	dead	Linear Combination
25839	dead	Linear Combination
25840	dead	Linear Combination
25841	dead	Linear Combination
25842	dead	Linear Combination
25843	dead	Linear Combination
25844	dead	Linear Combination
25845	dead	Linear Combination
25846	dead	Linear Combination
25847	dead	Linear Combination
25848	dead	Linear Combination
25849	dead	Linear Combination

Case	Nature	Analysis type
25850	dead	Linear Combination
25851	dead	Linear Combination
25852	dead	Linear Combination
25853	dead	Linear Combination
25854	dead	Linear Combination
25855	dead	Linear Combination
25856	dead	Linear Combination
25857	dead	Linear Combination
25858	dead	Linear Combination
25859	dead	Linear Combination
25860	dead	Linear Combination
25861	dead	Linear Combination
25862	dead	Linear Combination
25863	dead	Linear Combination
25864	dead	Linear Combination
25865	dead	Linear Combination
25866	dead	Linear Combination
25867	dead	Linear Combination
25868	dead	Linear Combination
25869	dead	Linear Combination
25870	dead	Linear Combination
25871	dead	Linear Combination
25872	dead	Linear Combination
25873	dead	Linear Combination
25874	dead	Linear Combination
25875	dead	Linear Combination
25876	dead	Linear Combination
25877	dead	Linear Combination
25878	dead	Linear Combination
25879	dead	Linear Combination
25880	dead	Linear Combination
25881	dead	Linear Combination
25882	dead	Linear Combination
25883	dead	Linear Combination
25884	dead	Linear Combination
25885	dead	Linear Combination
25886	dead	Linear Combination
25887	dead	Linear Combination
25888	dead	Linear Combination
25889	dead	Linear Combination
25890	dead	Linear Combination
25891	dead	Linear Combination
25892	dead	Linear Combination
25893	dead	Linear Combination
25894	dead	Linear Combination
25895	dead	Linear Combination
25896	dead	Linear Combination
25897	dead	Linear Combination
25898	dead	Linear Combination
25899	dead	Linear Combination
25900	dead	Linear Combination
25901	dead	Linear Combination

Case	Nature	Analysis type
25902	dead	Linear Combination
25903	dead	Linear Combination
25904	dead	Linear Combination
25905	dead	Linear Combination
25906	dead	Linear Combination
25907	dead	Linear Combination
25908	dead	Linear Combination
25909	dead	Linear Combination
25910	dead	Linear Combination
25911	dead	Linear Combination
25912	dead	Linear Combination
25913	dead	Linear Combination
25914	dead	Linear Combination
25915	dead	Linear Combination
25916	dead	Linear Combination
25917	dead	Linear Combination
25918	dead	Linear Combination
25919	dead	Linear Combination
25920	dead	Linear Combination
25921	dead	Linear Combination
25922	dead	Linear Combination
25923	dead	Linear Combination
25924	dead	Linear Combination
25925	dead	Linear Combination
25926	dead	Linear Combination
25927	dead	Linear Combination
25928	dead	Linear Combination
25929	dead	Linear Combination
25930	dead	Linear Combination
25931	dead	Linear Combination
25932	dead	Linear Combination
25933	dead	Linear Combination
25934	dead	Linear Combination
25935	dead	Linear Combination
25936	dead	Linear Combination
25937	dead	Linear Combination
25938	dead	Linear Combination
25939	dead	Linear Combination
25940	dead	Linear Combination
25941	dead	Linear Combination
25942	dead	Linear Combination
25943	dead	Linear Combination
25944	dead	Linear Combination
25945	dead	Linear Combination
25946	dead	Linear Combination
25947	dead	Linear Combination
25948	dead	Linear Combination
25949	dead	Linear Combination
25950	dead	Linear Combination
25951	dead	Linear Combination
25952	dead	Linear Combination
25953	dead	Linear Combination

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Case	Nature	Analysis type
25954	dead	Linear Combination
25955	dead	Linear Combination
25956	dead	Linear Combination
25957	dead	Linear Combination
25958	dead	Linear Combination
25959	dead	Linear Combination
25960	dead	Linear Combination
25961	dead	Linear Combination
25962	dead	Linear Combination
25963	dead	Linear Combination
25964	dead	Linear Combination
25965	dead	Linear Combination
25966	dead	Linear Combination
25967	dead	Linear Combination
25968	dead	Linear Combination
25969	dead	Linear Combination
25970	dead	Linear Combination
25971	dead	Linear Combination
25972	dead	Linear Combination
25973	dead	Linear Combination
25974	dead	Linear Combination
25975	dead	Linear Combination
25976	dead	Linear Combination
25977	dead	Linear Combination
25978	dead	Linear Combination
25979	dead	Linear Combination
25980	dead	Linear Combination
25981	dead	Linear Combination
25982	dead	Linear Combination
25983	dead	Linear Combination
25984	dead	Linear Combination
25985	dead	Linear Combination
25986	dead	Linear Combination
25987	dead	Linear Combination
25988	dead	Linear Combination
25989	dead	Linear Combination
25990	dead	Linear Combination
25991	dead	Linear Combination
25992	dead	Linear Combination
25993	dead	Linear Combination
25994	dead	Linear Combination
25995	dead	Linear Combination
25996	dead	Linear Combination
25997	dead	Linear Combination
25998	dead	Linear Combination
25999	dead	Linear Combination
26000	dead	Linear Combination
26001	dead	Linear Combination
26002	dead	Linear Combination
26003	dead	Linear Combination
26004	dead	Linear Combination
26005	dead	Linear Combination

Case	Nature	Analysis type
26006	dead	Linear Combination
26007	dead	Linear Combination
26008	dead	Linear Combination
26009	dead	Linear Combination
26010	dead	Linear Combination
26011	dead	Linear Combination
26012	dead	Linear Combination
26013	dead	Linear Combination
26014	dead	Linear Combination
26015	dead	Linear Combination
26016	dead	Linear Combination
26017	dead	Linear Combination
26018	dead	Linear Combination
26019	dead	Linear Combination
26020	dead	Linear Combination
26021	dead	Linear Combination
26022	dead	Linear Combination
26023	dead	Linear Combination
26024	dead	Linear Combination
26025	dead	Linear Combination
26026	dead	Linear Combination
26027	dead	Linear Combination
26028	dead	Linear Combination
26029	dead	Linear Combination
26030	dead	Linear Combination
26031	dead	Linear Combination
26032	dead	Linear Combination
26033	dead	Linear Combination
26034	dead	Linear Combination
26035	dead	Linear Combination
26036	dead	Linear Combination
26037	dead	Linear Combination
26038	dead	Linear Combination
26039	dead	Linear Combination
26040	dead	Linear Combination
26041	dead	Linear Combination
26042	dead	Linear Combination
26043	dead	Linear Combination
26044	dead	Linear Combination
26045	dead	Linear Combination
26046	dead	Linear Combination
26047	dead	Linear Combination
26048	dead	Linear Combination
26049	dead	Linear Combination
26050	dead	Linear Combination
26051	dead	Linear Combination
26052	dead	Linear Combination
26053	dead	Linear Combination
26054	dead	Linear Combination
26055	dead	Linear Combination
26056	dead	Linear Combination
26057	dead	Linear Combination

Case	Nature	Analysis type
26058	dead	Linear Combination
26059	dead	Linear Combination
26060	dead	Linear Combination
26061	dead	Linear Combination
26062	dead	Linear Combination
26063	dead	Linear Combination
26064	dead	Linear Combination
26065	dead	Linear Combination
26066	dead	Linear Combination
26067	dead	Linear Combination
26068	dead	Linear Combination
26069	dead	Linear Combination
26070	dead	Linear Combination
26071	dead	Linear Combination
26072	dead	Linear Combination
26073	dead	Linear Combination
26074	dead	Linear Combination
26075	dead	Linear Combination
26076	dead	Linear Combination
26077	dead	Linear Combination
26078	dead	Linear Combination
26079	dead	Linear Combination
26080	dead	Linear Combination
26081	dead	Linear Combination
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26083	dead	Linear Combination
26084	dead	Linear Combination
26085	dead	Linear Combination
26086	dead	Linear Combination
26087	dead	Linear Combination
26088	dead	Linear Combination
26089	dead	Linear Combination
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26093	dead	Linear Combination
26094	dead	Linear Combination
26095	dead	Linear Combination
26096	dead	Linear Combination
26097	dead	Linear Combination
26098	dead	Linear Combination
26099	dead	Linear Combination
26100	dead	Linear Combination
26101	dead	Linear Combination
26102	dead	Linear Combination
26103	dead	Linear Combination
26104	dead	Linear Combination
26105	dead	Linear Combination
26106	dead	Linear Combination
26107	dead	Linear Combination
26108	dead	Linear Combination
26109	dead	Linear Combination

Case	Nature	Analysis type
26110	dead	Linear Combination
26111	dead	Linear Combination
26112	dead	Linear Combination
26113	dead	Linear Combination
26114	dead	Linear Combination
26115	dead	Linear Combination
26116	dead	Linear Combination
26117	dead	Linear Combination
26118	dead	Linear Combination
26119	dead	Linear Combination
26120	dead	Linear Combination
26121	dead	Linear Combination
26122	dead	Linear Combination
26123	dead	Linear Combination
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26125	dead	Linear Combination
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26127	dead	Linear Combination
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26135	dead	Linear Combination
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26137	dead	Linear Combination
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26147	dead	Linear Combination
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26149	dead	Linear Combination
26150	dead	Linear Combination
26151	dead	Linear Combination
26152	dead	Linear Combination
26153	dead	Linear Combination
26154	dead	Linear Combination
26155	dead	Linear Combination
26156	dead	Linear Combination
26157	dead	Linear Combination
26158	dead	Linear Combination
26159	dead	Linear Combination
26160	dead	Linear Combination
26161	dead	Linear Combination

Case	Nature	Analysis type
26162	dead	Linear Combination
26163	dead	Linear Combination
26164	dead	Linear Combination
26165	dead	Linear Combination
26166	dead	Linear Combination
26167	dead	Linear Combination
26168	dead	Linear Combination
26169	dead	Linear Combination
26170	dead	Linear Combination
26171	dead	Linear Combination
26172	dead	Linear Combination
26173	dead	Linear Combination
26174	dead	Linear Combination
26175	dead	Linear Combination
26176	dead	Linear Combination
26177	dead	Linear Combination
26178	dead	Linear Combination
26179	dead	Linear Combination
26180	dead	Linear Combination
26181	dead	Linear Combination
26182	dead	Linear Combination
26183	dead	Linear Combination
26184	dead	Linear Combination
26185	dead	Linear Combination
26186	dead	Linear Combination
26187	dead	Linear Combination
26188	dead	Linear Combination
26189	dead	Linear Combination
26190	dead	Linear Combination
26191	dead	Linear Combination
26192	dead	Linear Combination
26193	dead	Linear Combination
26194	dead	Linear Combination
26195	dead	Linear Combination
26196	dead	Linear Combination
26197	dead	Linear Combination
26198	dead	Linear Combination
26199	dead	Linear Combination
26200	dead	Linear Combination
26201	dead	Linear Combination
26202	dead	Linear Combination
26203	dead	Linear Combination
26204	dead	Linear Combination
26205	dead	Linear Combination
26206	dead	Linear Combination
26207	dead	Linear Combination
26208	dead	Linear Combination
26209	dead	Linear Combination
26210	dead	Linear Combination
26211	dead	Linear Combination
26212	dead	Linear Combination
26213	dead	Linear Combination

Case	Nature	Analysis type
26214	dead	Linear Combination
26215	dead	Linear Combination
26216	dead	Linear Combination
26217	dead	Linear Combination
26218	dead	Linear Combination
26219	dead	Linear Combination
26220	dead	Linear Combination
26221	dead	Linear Combination
26222	dead	Linear Combination
26223	dead	Linear Combination
26224	dead	Linear Combination
26225	dead	Linear Combination
26226	dead	Linear Combination
26227	dead	Linear Combination
26228	dead	Linear Combination
26229	dead	Linear Combination
26230	dead	Linear Combination
26231	dead	Linear Combination
26232	dead	Linear Combination
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26234	dead	Linear Combination
26235	dead	Linear Combination
26236	dead	Linear Combination
26237	dead	Linear Combination
26238	dead	Linear Combination
26239	dead	Linear Combination
26240	dead	Linear Combination
26241	dead	Linear Combination
26242	dead	Linear Combination
26243	dead	Linear Combination
26244	dead	Linear Combination
26245	dead	Linear Combination
26246	dead	Linear Combination
26247	dead	Linear Combination
26248	dead	Linear Combination
26249	dead	Linear Combination
26250	dead	Linear Combination
26251	dead	Linear Combination
26252	dead	Linear Combination
26253	dead	Linear Combination
26254	dead	Linear Combination
26255	dead	Linear Combination
26256	dead	Linear Combination
26257	dead	Linear Combination
26258	dead	Linear Combination
26259	dead	Linear Combination
26260	dead	Linear Combination
26261	dead	Linear Combination
26262	dead	Linear Combination
26263	dead	Linear Combination
26264	dead	Linear Combination
26265	dead	Linear Combination

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Case	Nature	Analysis type
26266	dead	Linear Combination
26267	dead	Linear Combination
26268	dead	Linear Combination
26269	dead	Linear Combination
26270	dead	Linear Combination
26271	dead	Linear Combination
26272	dead	Linear Combination
26273	dead	Linear Combination
26274	dead	Linear Combination
26275	dead	Linear Combination
26276	dead	Linear Combination
26277	dead	Linear Combination
26278	dead	Linear Combination
26279	dead	Linear Combination
26280	dead	Linear Combination
30001	Structural	Linear Combination
30002	dead	Linear Combination
30003	dead	Linear Combination
30004	dead	Linear Combination
30005	dead	Linear Combination
30006	dead	Linear Combination
30007	dead	Linear Combination
30008	dead	Linear Combination
30009	dead	Linear Combination
30010	dead	Linear Combination
30011	dead	Linear Combination
30012	dead	Linear Combination
30013	dead	Linear Combination
30014	dead	Linear Combination
30015	dead	Linear Combination
30016	dead	Linear Combination
30017	dead	Linear Combination
30018	dead	Linear Combination
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30021	dead	Linear Combination
30022	dead	Linear Combination
30023	dead	Linear Combination
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30025	dead	Linear Combination
30026	dead	Linear Combination
30027	dead	Linear Combination
30028	dead	Linear Combination
30029	dead	Linear Combination
30030	dead	Linear Combination
30031	dead	Linear Combination
30032	dead	Linear Combination
30033	dead	Linear Combination
30034	dead	Linear Combination
30035	dead	Linear Combination
30036	dead	Linear Combination
30037	dead	Linear Combination

Case	Nature	Analysis type
30038	dead	Linear Combination
30039	dead	Linear Combination
30040	dead	Linear Combination
30041	dead	Linear Combination
30042	dead	Linear Combination
30043	dead	Linear Combination
30044	dead	Linear Combination
30045	dead	Linear Combination
30046	dead	Linear Combination
30047	dead	Linear Combination
30048	dead	Linear Combination
30049	dead	Linear Combination
30050	dead	Linear Combination
30051	dead	Linear Combination
30052	dead	Linear Combination
30053	dead	Linear Combination
30054	dead	Linear Combination
30055	dead	Linear Combination
30056	dead	Linear Combination
30057	dead	Linear Combination
30058	dead	Linear Combination
30059	dead	Linear Combination
30060	dead	Linear Combination
30061	dead	Linear Combination
30062	dead	Linear Combination
30063	dead	Linear Combination
30064	dead	Linear Combination
30065	dead	Linear Combination
30066	dead	Linear Combination
30067	dead	Linear Combination
30068	dead	Linear Combination
30069	dead	Linear Combination
30070	dead	Linear Combination
30071	dead	Linear Combination
30072	dead	Linear Combination
30073	dead	Linear Combination
30074	dead	Linear Combination
30075	dead	Linear Combination
30076	dead	Linear Combination
30077	dead	Linear Combination
30078	dead	Linear Combination
30079	dead	Linear Combination
30080	dead	Linear Combination
30081	dead	Linear Combination
30082	dead	Linear Combination
30083	dead	Linear Combination
30084	dead	Linear Combination
30085	dead	Linear Combination
30086	dead	Linear Combination
30087	dead	Linear Combination
30088	dead	Linear Combination
30089	dead	Linear Combination

Case	Nature	Analysis type
30090	dead	Linear Combination
30091	dead	Linear Combination
30092	dead	Linear Combination
30093	dead	Linear Combination
30094	dead	Linear Combination
30095	dead	Linear Combination
30096	dead	Linear Combination
30097	dead	Linear Combination
30098	dead	Linear Combination
30099	dead	Linear Combination
30100	dead	Linear Combination
30101	dead	Linear Combination
30102	dead	Linear Combination
30103	dead	Linear Combination
30104	dead	Linear Combination
30105	dead	Linear Combination
30106	dead	Linear Combination
30107	dead	Linear Combination
30108	dead	Linear Combination
30109	dead	Linear Combination
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30141	dead	Linear Combination

Case	Nature	Analysis type
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30190	dead	Linear Combination
30191	dead	Linear Combination
30192	dead	Linear Combination
30193	dead	Linear Combination

Case	Nature	Analysis type
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30197	dead	Linear Combination
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30199	dead	Linear Combination
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Case	Nature	Analysis type
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30297	dead	Linear Combination

Case	Nature	Analysis type
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30349	dead	Linear Combination

Case	Nature	Analysis type
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Case	Nature	Analysis type
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30450	dead	Linear Combination
30451	dead	Linear Combination
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30453	dead	Linear Combination

Case	Nature	Analysis type
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30455	dead	Linear Combination
30456	dead	Linear Combination
30457	dead	Linear Combination
30458	dead	Linear Combination
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30460	dead	Linear Combination
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30504	dead	Linear Combination
30505	dead	Linear Combination

Case	Nature	Analysis type
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30508	dead	Linear Combination
30509	dead	Linear Combination
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30551	dead	Linear Combination
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30555	dead	Linear Combination
30556	dead	Linear Combination
30557	dead	Linear Combination

Case	Nature	Analysis type
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30559	dead	Linear Combination
30560	dead	Linear Combination
30561	dead	Linear Combination
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30585	dead	Linear Combination
30586	dead	Linear Combination
30587	dead	Linear Combination
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30604	dead	Linear Combination
30605	dead	Linear Combination
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30608	dead	Linear Combination
30609	dead	Linear Combination

Robot Structural Analysis Professional 2023
Author:
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Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Case	Nature	Analysis type
30610	dead	Linear Combination
30611	dead	Linear Combination
30612	dead	Linear Combination
30613	dead	Linear Combination
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30616	dead	Linear Combination
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30650	dead	Linear Combination
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30655	dead	Linear Combination
30656	dead	Linear Combination
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30658	dead	Linear Combination
30659	dead	Linear Combination
30660	dead	Linear Combination
30661	dead	Linear Combination

Case	Nature	Analysis type
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30664	dead	Linear Combination
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30666	dead	Linear Combination
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Case	Nature	Analysis type
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Case	Nature	Analysis type
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30770	dead	Linear Combination
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Case	Nature	Analysis type
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30869	dead	Linear Combination

Case	Nature	Analysis type
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30906	dead	Linear Combination
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30908	dead	Linear Combination
30909	dead	Linear Combination
30910	dead	Linear Combination
30911	dead	Linear Combination
30912	dead	Linear Combination
30913	dead	Linear Combination
30914	dead	Linear Combination
30915	dead	Linear Combination
30916	dead	Linear Combination
30917	dead	Linear Combination
30918	dead	Linear Combination
30919	dead	Linear Combination
30920	dead	Linear Combination
30921	dead	Linear Combination

Case	Nature	Analysis type
30922	dead	Linear Combination
30923	dead	Linear Combination
30924	dead	Linear Combination
30925	dead	Linear Combination
30926	dead	Linear Combination
30927	dead	Linear Combination
30928	dead	Linear Combination
30929	dead	Linear Combination
30930	dead	Linear Combination
30931	dead	Linear Combination
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30933	dead	Linear Combination
30934	dead	Linear Combination
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30936	dead	Linear Combination
30937	dead	Linear Combination
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30941	dead	Linear Combination
30942	dead	Linear Combination
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30946	dead	Linear Combination
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30948	dead	Linear Combination
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30950	dead	Linear Combination
30951	dead	Linear Combination
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30953	dead	Linear Combination
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30961	dead	Linear Combination
30962	dead	Linear Combination
30963	dead	Linear Combination
30964	dead	Linear Combination
30965	dead	Linear Combination
30966	dead	Linear Combination
30967	dead	Linear Combination
30968	dead	Linear Combination
30969	dead	Linear Combination
30970	dead	Linear Combination
30971	dead	Linear Combination
30972	dead	Linear Combination
30973	dead	Linear Combination

Case	Nature	Analysis type
30974	dead	Linear Combination
30975	dead	Linear Combination
30976	dead	Linear Combination
30977	dead	Linear Combination
30978	dead	Linear Combination
30979	dead	Linear Combination
30980	dead	Linear Combination
30981	dead	Linear Combination
30982	dead	Linear Combination
30983	dead	Linear Combination
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30985	dead	Linear Combination
30986	dead	Linear Combination
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30988	dead	Linear Combination
30989	dead	Linear Combination
30990	dead	Linear Combination
30991	dead	Linear Combination
30992	dead	Linear Combination
30993	dead	Linear Combination
30994	dead	Linear Combination
30995	dead	Linear Combination
30996	dead	Linear Combination
30997	dead	Linear Combination
30998	dead	Linear Combination
30999	dead	Linear Combination
31000	dead	Linear Combination
31001	dead	Linear Combination
31002	dead	Linear Combination
31003	dead	Linear Combination
31004	dead	Linear Combination
31005	dead	Linear Combination
31006	dead	Linear Combination
31007	dead	Linear Combination
31008	dead	Linear Combination
31009	dead	Linear Combination
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31011	dead	Linear Combination
31012	dead	Linear Combination
31013	dead	Linear Combination
31014	dead	Linear Combination
31015	dead	Linear Combination
31016	dead	Linear Combination
31017	dead	Linear Combination
31018	dead	Linear Combination
31019	dead	Linear Combination
31020	dead	Linear Combination
31021	dead	Linear Combination
31022	dead	Linear Combination
31023	dead	Linear Combination
31024	dead	Linear Combination
31025	dead	Linear Combination

Case	Nature	Analysis type
31026	dead	Linear Combination
31027	dead	Linear Combination
31028	dead	Linear Combination
31029	dead	Linear Combination
31030	dead	Linear Combination
31031	dead	Linear Combination
31032	dead	Linear Combination
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31034	dead	Linear Combination
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31045	dead	Linear Combination
31046	dead	Linear Combination
31047	dead	Linear Combination
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31050	dead	Linear Combination
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31053	dead	Linear Combination
31054	dead	Linear Combination
31055	dead	Linear Combination
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31058	dead	Linear Combination
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31063	dead	Linear Combination
31064	dead	Linear Combination
31065	dead	Linear Combination
31066	dead	Linear Combination
31067	dead	Linear Combination
31068	dead	Linear Combination
31069	dead	Linear Combination
31070	dead	Linear Combination
31071	dead	Linear Combination
31072	dead	Linear Combination
31073	dead	Linear Combination
31074	dead	Linear Combination
31075	dead	Linear Combination
31076	dead	Linear Combination
31077	dead	Linear Combination

Case	Nature	Analysis type
31078	dead	Linear Combination
31079	dead	Linear Combination
31080	dead	Linear Combination
31081	dead	Linear Combination
31082	dead	Linear Combination
31083	dead	Linear Combination
31084	dead	Linear Combination
31085	dead	Linear Combination
31086	dead	Linear Combination
31087	dead	Linear Combination
31088	dead	Linear Combination
31089	dead	Linear Combination
31090	dead	Linear Combination
31091	dead	Linear Combination
31092	dead	Linear Combination
31093	dead	Linear Combination
31094	dead	Linear Combination
31095	dead	Linear Combination
31096	dead	Linear Combination
31097	dead	Linear Combination
31098	dead	Linear Combination
31099	dead	Linear Combination
31100	dead	Linear Combination
31101	dead	Linear Combination
31102	dead	Linear Combination
31103	dead	Linear Combination
31104	dead	Linear Combination
31105	dead	Linear Combination
31106	dead	Linear Combination
31107	dead	Linear Combination
31108	dead	Linear Combination
31109	dead	Linear Combination
31110	dead	Linear Combination
31111	dead	Linear Combination
31112	dead	Linear Combination
31113	dead	Linear Combination
31114	dead	Linear Combination
31115	dead	Linear Combination
31116	dead	Linear Combination
31117	dead	Linear Combination
31118	dead	Linear Combination
31119	dead	Linear Combination
31120	dead	Linear Combination
31121	dead	Linear Combination
31122	dead	Linear Combination
31123	dead	Linear Combination
31124	dead	Linear Combination
31125	dead	Linear Combination
31126	dead	Linear Combination
31127	dead	Linear Combination
31128	dead	Linear Combination
31129	dead	Linear Combination

Case	Nature	Analysis type
31130	dead	Linear Combination
31131	dead	Linear Combination
31132	dead	Linear Combination
31133	dead	Linear Combination
31134	dead	Linear Combination
31135	dead	Linear Combination
31136	dead	Linear Combination
31137	dead	Linear Combination
31138	dead	Linear Combination
31139	dead	Linear Combination
31140	dead	Linear Combination
31141	dead	Linear Combination
31142	dead	Linear Combination
31143	dead	Linear Combination
31144	dead	Linear Combination
31145	dead	Linear Combination
31146	dead	Linear Combination
31147	dead	Linear Combination
31148	dead	Linear Combination
31149	dead	Linear Combination
31150	dead	Linear Combination
31151	dead	Linear Combination
31152	dead	Linear Combination
31153	dead	Linear Combination
31154	dead	Linear Combination
31155	dead	Linear Combination
31156	dead	Linear Combination
31157	dead	Linear Combination
31158	dead	Linear Combination
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31160	dead	Linear Combination
31161	dead	Linear Combination
31162	dead	Linear Combination
31163	dead	Linear Combination
31164	dead	Linear Combination
31165	dead	Linear Combination
31166	dead	Linear Combination
31167	dead	Linear Combination
31168	dead	Linear Combination
31169	dead	Linear Combination
31170	dead	Linear Combination
31171	dead	Linear Combination
31172	dead	Linear Combination
31173	dead	Linear Combination
31174	dead	Linear Combination
31175	dead	Linear Combination
31176	dead	Linear Combination
31177	dead	Linear Combination
31178	dead	Linear Combination
31179	dead	Linear Combination
31180	dead	Linear Combination
31181	dead	Linear Combination

Case	Nature	Analysis type
31182	dead	Linear Combination
31183	dead	Linear Combination
31184	dead	Linear Combination
31185	dead	Linear Combination
31186	dead	Linear Combination
31187	dead	Linear Combination
31188	dead	Linear Combination
31189	dead	Linear Combination
31190	dead	Linear Combination
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31193	dead	Linear Combination
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31199	dead	Linear Combination
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31217	dead	Linear Combination
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31220	dead	Linear Combination
31221	dead	Linear Combination
31222	dead	Linear Combination
31223	dead	Linear Combination
31224	dead	Linear Combination
31225	dead	Linear Combination
31226	dead	Linear Combination
31227	dead	Linear Combination
31228	dead	Linear Combination
31229	dead	Linear Combination
31230	dead	Linear Combination
31231	dead	Linear Combination
31232	dead	Linear Combination
31233	dead	Linear Combination

Case	Nature	Analysis type
31234	dead	Linear Combination
31235	dead	Linear Combination
31236	dead	Linear Combination
31237	dead	Linear Combination
31238	dead	Linear Combination
31239	dead	Linear Combination
31240	dead	Linear Combination
31241	dead	Linear Combination
31242	dead	Linear Combination
31243	dead	Linear Combination
31244	dead	Linear Combination
31245	dead	Linear Combination
31246	dead	Linear Combination
31247	dead	Linear Combination
31248	dead	Linear Combination
31249	dead	Linear Combination
31250	dead	Linear Combination
31251	dead	Linear Combination
31252	dead	Linear Combination
31253	dead	Linear Combination
31254	dead	Linear Combination
31255	dead	Linear Combination
31256	dead	Linear Combination
31257	dead	Linear Combination
31258	dead	Linear Combination
31259	dead	Linear Combination
31260	dead	Linear Combination
31261	dead	Linear Combination
31262	dead	Linear Combination
31263	dead	Linear Combination
31264	dead	Linear Combination
31265	dead	Linear Combination
31266	dead	Linear Combination
31267	dead	Linear Combination
31268	dead	Linear Combination
31269	dead	Linear Combination
31270	dead	Linear Combination
31271	dead	Linear Combination
31272	dead	Linear Combination
31273	dead	Linear Combination
31274	dead	Linear Combination
31275	dead	Linear Combination
31276	dead	Linear Combination
31277	dead	Linear Combination
31278	dead	Linear Combination
31279	dead	Linear Combination
31280	dead	Linear Combination
31281	dead	Linear Combination
31282	dead	Linear Combination
31283	dead	Linear Combination
31284	dead	Linear Combination
31285	dead	Linear Combination

Case	Nature	Analysis type
31286	dead	Linear Combination
31287	dead	Linear Combination
31288	dead	Linear Combination
31289	dead	Linear Combination
31290	dead	Linear Combination
31291	dead	Linear Combination
31292	dead	Linear Combination
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31297	dead	Linear Combination
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31299	dead	Linear Combination
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31301	dead	Linear Combination
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31303	dead	Linear Combination
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31307	dead	Linear Combination
31308	dead	Linear Combination
31309	dead	Linear Combination
31310	dead	Linear Combination
31311	dead	Linear Combination
31312	dead	Linear Combination
31313	dead	Linear Combination
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31316	dead	Linear Combination
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31318	dead	Linear Combination
31319	dead	Linear Combination
31320	dead	Linear Combination
31321	dead	Linear Combination
31322	dead	Linear Combination
31323	dead	Linear Combination
31324	dead	Linear Combination
31325	dead	Linear Combination
31326	dead	Linear Combination
31327	dead	Linear Combination
31328	dead	Linear Combination
31329	dead	Linear Combination
31330	dead	Linear Combination
31331	dead	Linear Combination
31332	dead	Linear Combination
31333	dead	Linear Combination
31334	dead	Linear Combination
31335	dead	Linear Combination
31336	dead	Linear Combination
31337	dead	Linear Combination

Case	Nature	Analysis type
31338	dead	Linear Combination
31339	dead	Linear Combination
31340	dead	Linear Combination
31341	dead	Linear Combination
31342	dead	Linear Combination
31343	dead	Linear Combination
31344	dead	Linear Combination
31345	dead	Linear Combination
31346	dead	Linear Combination
31347	dead	Linear Combination
31348	dead	Linear Combination
31349	dead	Linear Combination
31350	dead	Linear Combination
31351	dead	Linear Combination
31352	dead	Linear Combination
31353	dead	Linear Combination
31354	dead	Linear Combination
31355	dead	Linear Combination
31356	dead	Linear Combination
31357	dead	Linear Combination
31358	dead	Linear Combination
31359	dead	Linear Combination
31360	dead	Linear Combination
31361	dead	Linear Combination
31362	dead	Linear Combination
31363	dead	Linear Combination
31364	dead	Linear Combination
31365	dead	Linear Combination
31366	dead	Linear Combination
31367	dead	Linear Combination
31368	dead	Linear Combination
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31370	dead	Linear Combination
31371	dead	Linear Combination
31372	dead	Linear Combination
31373	dead	Linear Combination
31374	dead	Linear Combination
31375	dead	Linear Combination
31376	dead	Linear Combination
31377	dead	Linear Combination
31378	dead	Linear Combination
31379	dead	Linear Combination
31380	dead	Linear Combination
31381	dead	Linear Combination
31382	dead	Linear Combination
31383	dead	Linear Combination
31384	dead	Linear Combination
31385	dead	Linear Combination
31386	dead	Linear Combination
31387	dead	Linear Combination
31388	dead	Linear Combination
31389	dead	Linear Combination

Case	Nature	Analysis type
31390	dead	Linear Combination
31391	dead	Linear Combination
31392	dead	Linear Combination
31393	dead	Linear Combination
31394	dead	Linear Combination
31395	dead	Linear Combination
31396	dead	Linear Combination
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31398	dead	Linear Combination
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31400	dead	Linear Combination
31401	dead	Linear Combination
31402	dead	Linear Combination
31403	dead	Linear Combination
31404	dead	Linear Combination
31405	dead	Linear Combination
31406	dead	Linear Combination
31407	dead	Linear Combination
31408	dead	Linear Combination
31409	dead	Linear Combination
31410	dead	Linear Combination
31411	dead	Linear Combination
31412	dead	Linear Combination
31413	dead	Linear Combination
31414	dead	Linear Combination
31415	dead	Linear Combination
31416	dead	Linear Combination
31417	dead	Linear Combination
31418	dead	Linear Combination
31419	dead	Linear Combination
31420	dead	Linear Combination
31421	dead	Linear Combination
31422	dead	Linear Combination
31423	dead	Linear Combination
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31425	dead	Linear Combination
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31427	dead	Linear Combination
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31431	dead	Linear Combination
31432	dead	Linear Combination
31433	dead	Linear Combination
31434	dead	Linear Combination
31435	dead	Linear Combination
31436	dead	Linear Combination
31437	dead	Linear Combination
31438	dead	Linear Combination
31439	dead	Linear Combination
31440	dead	Linear Combination
31441	dead	Linear Combination

Case	Nature	Analysis type
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31443	dead	Linear Combination
31444	dead	Linear Combination
31445	dead	Linear Combination
31446	dead	Linear Combination
31447	dead	Linear Combination
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31465	dead	Linear Combination
31466	dead	Linear Combination
31467	dead	Linear Combination
31468	dead	Linear Combination
31469	dead	Linear Combination
31470	dead	Linear Combination
31471	dead	Linear Combination
31472	dead	Linear Combination
31473	dead	Linear Combination
31474	dead	Linear Combination
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31476	dead	Linear Combination
31477	dead	Linear Combination
31478	dead	Linear Combination
31479	dead	Linear Combination
31480	dead	Linear Combination
31481	dead	Linear Combination
31482	dead	Linear Combination
31483	dead	Linear Combination
31484	dead	Linear Combination
31485	dead	Linear Combination
31486	dead	Linear Combination
31487	dead	Linear Combination
31488	dead	Linear Combination
31489	dead	Linear Combination
31490	dead	Linear Combination
31491	dead	Linear Combination
31492	dead	Linear Combination
31493	dead	Linear Combination

Case	Nature	Analysis type
31494	dead	Linear Combination
31495	dead	Linear Combination
31496	dead	Linear Combination
31497	dead	Linear Combination
31498	dead	Linear Combination
31499	dead	Linear Combination
31500	dead	Linear Combination
31501	dead	Linear Combination
31502	dead	Linear Combination
31503	dead	Linear Combination
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31505	dead	Linear Combination
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31512	dead	Linear Combination
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31514	dead	Linear Combination
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31516	dead	Linear Combination
31517	dead	Linear Combination
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31519	dead	Linear Combination
31520	dead	Linear Combination
31521	dead	Linear Combination
31522	dead	Linear Combination
31523	dead	Linear Combination
31524	dead	Linear Combination
31525	dead	Linear Combination
31526	dead	Linear Combination
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31529	dead	Linear Combination
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31532	dead	Linear Combination
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31534	dead	Linear Combination
31535	dead	Linear Combination
31536	dead	Linear Combination
31537	dead	Linear Combination
31538	dead	Linear Combination
31539	dead	Linear Combination
31540	dead	Linear Combination
31541	dead	Linear Combination
31542	dead	Linear Combination
31543	dead	Linear Combination
31544	dead	Linear Combination
31545	dead	Linear Combination

Case	Nature	Analysis type
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31547	dead	Linear Combination
31548	dead	Linear Combination
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31564	dead	Linear Combination
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31566	dead	Linear Combination
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31568	dead	Linear Combination
31569	dead	Linear Combination
31570	dead	Linear Combination
31571	dead	Linear Combination
31572	dead	Linear Combination
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31574	dead	Linear Combination
31575	dead	Linear Combination
31576	dead	Linear Combination
31577	dead	Linear Combination
31578	dead	Linear Combination
31579	dead	Linear Combination
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31581	dead	Linear Combination
31582	dead	Linear Combination
31583	dead	Linear Combination
31584	dead	Linear Combination
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31586	dead	Linear Combination
31587	dead	Linear Combination
31588	dead	Linear Combination
31589	dead	Linear Combination
31590	dead	Linear Combination
31591	dead	Linear Combination
31592	dead	Linear Combination
31593	dead	Linear Combination
31594	dead	Linear Combination
31595	dead	Linear Combination
31596	dead	Linear Combination
31597	dead	Linear Combination

Case	Nature	Analysis type
31598	dead	Linear Combination
31599	dead	Linear Combination
31600	dead	Linear Combination
31601	dead	Linear Combination
31602	dead	Linear Combination
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31621	dead	Linear Combination
31622	dead	Linear Combination
31623	dead	Linear Combination
31624	dead	Linear Combination
31625	dead	Linear Combination
31626	dead	Linear Combination
31627	dead	Linear Combination
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31629	dead	Linear Combination
31630	dead	Linear Combination
31631	dead	Linear Combination
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31633	dead	Linear Combination
31634	dead	Linear Combination
31635	dead	Linear Combination
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31639	dead	Linear Combination
31640	dead	Linear Combination
31641	dead	Linear Combination
31642	dead	Linear Combination
31643	dead	Linear Combination
31644	dead	Linear Combination
31645	dead	Linear Combination
31646	dead	Linear Combination
31647	dead	Linear Combination
31648	dead	Linear Combination
31649	dead	Linear Combination

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Case	Nature	Analysis type
31650	dead	Linear Combination
31651	dead	Linear Combination
31652	dead	Linear Combination
31653	dead	Linear Combination
31654	dead	Linear Combination
31655	dead	Linear Combination
31656	dead	Linear Combination
31657	dead	Linear Combination
31658	dead	Linear Combination
31659	dead	Linear Combination
31660	dead	Linear Combination
31661	dead	Linear Combination
31662	dead	Linear Combination
31663	dead	Linear Combination
31664	dead	Linear Combination
31665	dead	Linear Combination
31666	dead	Linear Combination
31667	dead	Linear Combination
31668	dead	Linear Combination
31669	dead	Linear Combination
31670	dead	Linear Combination
31671	dead	Linear Combination
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31673	dead	Linear Combination
31674	dead	Linear Combination
31675	dead	Linear Combination
31676	dead	Linear Combination
31677	dead	Linear Combination
31678	dead	Linear Combination
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31680	dead	Linear Combination
31681	dead	Linear Combination
31682	dead	Linear Combination
31683	dead	Linear Combination
31684	dead	Linear Combination
31685	dead	Linear Combination
31686	dead	Linear Combination
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31688	dead	Linear Combination
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31690	dead	Linear Combination
31691	dead	Linear Combination
31692	dead	Linear Combination
31693	dead	Linear Combination
31694	dead	Linear Combination
31695	dead	Linear Combination
31696	dead	Linear Combination
31697	dead	Linear Combination
31698	dead	Linear Combination
31699	dead	Linear Combination
31700	dead	Linear Combination
31701	dead	Linear Combination

Case	Nature	Analysis type
31702	dead	Linear Combination
31703	dead	Linear Combination
31704	dead	Linear Combination
31705	dead	Linear Combination
31706	dead	Linear Combination
31707	dead	Linear Combination
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31717	dead	Linear Combination
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31719	dead	Linear Combination
31720	dead	Linear Combination
31721	dead	Linear Combination
31722	dead	Linear Combination
31723	dead	Linear Combination
31724	dead	Linear Combination
31725	dead	Linear Combination
31726	dead	Linear Combination
31727	dead	Linear Combination
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31729	dead	Linear Combination
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31731	dead	Linear Combination
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31736	dead	Linear Combination
31737	dead	Linear Combination
31738	dead	Linear Combination
31739	dead	Linear Combination
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31741	dead	Linear Combination
31742	dead	Linear Combination
31743	dead	Linear Combination
31744	dead	Linear Combination
31745	dead	Linear Combination
31746	dead	Linear Combination
31747	dead	Linear Combination
31748	dead	Linear Combination
31749	dead	Linear Combination
31750	dead	Linear Combination
31751	dead	Linear Combination
31752	dead	Linear Combination
31753	dead	Linear Combination

Case	Nature	Analysis type
31754	dead	Linear Combination
31755	dead	Linear Combination
31756	dead	Linear Combination
31757	dead	Linear Combination
31758	dead	Linear Combination
31759	dead	Linear Combination
31760	dead	Linear Combination
31761	dead	Linear Combination
31762	dead	Linear Combination
31763	dead	Linear Combination
31764	dead	Linear Combination
31765	dead	Linear Combination
31766	dead	Linear Combination
31767	dead	Linear Combination
31768	dead	Linear Combination
31769	dead	Linear Combination
31770	dead	Linear Combination
31771	dead	Linear Combination
31772	dead	Linear Combination
31773	dead	Linear Combination
31774	dead	Linear Combination
31775	dead	Linear Combination
31776	dead	Linear Combination
31777	dead	Linear Combination
31778	dead	Linear Combination
31779	dead	Linear Combination
31780	dead	Linear Combination
31781	dead	Linear Combination
31782	dead	Linear Combination
31783	dead	Linear Combination
31784	dead	Linear Combination
31785	dead	Linear Combination
31786	dead	Linear Combination
31787	dead	Linear Combination
31788	dead	Linear Combination
31789	dead	Linear Combination
31790	dead	Linear Combination
31791	dead	Linear Combination
31792	dead	Linear Combination
31793	dead	Linear Combination
31794	dead	Linear Combination
31795	dead	Linear Combination
31796	dead	Linear Combination
31797	dead	Linear Combination
31798	dead	Linear Combination
31799	dead	Linear Combination
31800	dead	Linear Combination
31801	dead	Linear Combination
31802	dead	Linear Combination
31803	dead	Linear Combination
31804	dead	Linear Combination
31805	dead	Linear Combination

Case	Nature	Analysis type
31806	dead	Linear Combination
31807	dead	Linear Combination
31808	dead	Linear Combination
31809	dead	Linear Combination
31810	dead	Linear Combination
31811	dead	Linear Combination
31812	dead	Linear Combination
31813	dead	Linear Combination
31814	dead	Linear Combination
31815	dead	Linear Combination
31816	dead	Linear Combination
40001	Structural	Linear Combination
40002		Linear Combination
40003		Linear Combination
40004		Linear Combination
40005		Linear Combination
40006		Linear Combination
40007		Linear Combination
40008		Linear Combination
40009		Linear Combination
40010		Linear Combination
40011		Linear Combination
40012		Linear Combination
40013		Linear Combination
40014		Linear Combination
40015		Linear Combination
40016		Linear Combination

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Loads - Values

Case	Load type	List	Load values
1001	self-weight	1101to1172 1201to1272 1301to1311 1411to1-481By10 1412to1482By10 2101to2172 2201to-2272 2301to2311 2411to2481By10 2412to248-2By10 3011to3013 3031to3033 3051to3053 3-071to3073 3091to3093 3111to3113 3131to31-33 3151to3153 3171to3173 3191to3193 3211t-o3213 3231to3233 3251to3253 4101to4112 4-201to4224 5001to5004	PZ Negative Factor=1.00
1002	(FE) uniform	9012to9016 9022to9026 9032to9036 9042to9-046 9052to9056 9062to9066 9072to9076 908-2to9086 9092to9096 9102to9106 9112to9116 9122to9126	PZ=-6.3(kN/m2)
1003	(FE) uniform	9011to9121By10 9017to9127By10	PZ=-3.5(kN/m2)
2001	(FE) uniform	9013to9015 9023to9025 9033to9035 9043to9-045 9053to9055 9063to9065 9073to9075 908-3to9085 9093to9095 9103to9105 9113to9115 9123to9125	PZ=-1.4(kN/m2)
2002	(FE) uniform	9011to9121By10 9017to9127By10	PZ=-1.0(kN/m2)
2003	(FE) uniform	9012to9122By10 9016to9126By10	PZ=-6.7(kN/m2)
2004	(FE) linear on edges	9011_EDGE(1) 9017_EDGE(2) 9021_EDGE(1) 9027_EDGE(2) 9031_EDGE(1) 9037_EDGE(2) 9041_EDGE(1) 9047_EDGE(2) 9051_EDGE(1) 9057_EDGE(2) 9061_EDGE(1) 9067_EDGE(2) 9071_EDGE(1) 9077_EDGE(2) 9081_EDGE(1) 9087_EDGE(2) 9091_EDGE(1) 9097_EDGE(2) 9101_EDGE(1) 9107_EDGE(2) 9111_EDGE(1) 9117_EDGE(2) 9121_EDGE(1) 9127_EDGE(2)	PZ=-1.0(kN/m)
3000	(FE) uniform	9011to9017 9021to9027 9031to9037 9041to9-047 9051to9057 9061to9067 9071to9077 908-1to9087 9091to9097 9101to9107 9111to9117 9121to9127	PZ=-0.5(kN/m2)
4000	(FE) uniform	9013to9123By10	PZ=-9.0(kN/m2)
4000	(FE) uniform	9014to9124By10 9015to9125By10	PZ=-2.5(kN/m2)
4001	(FE) uniform	9013 9023	PZ=-9.0(kN/m2)
4001	(FE) uniform	9014 9015 9024 9025	PZ=-2.5(kN/m2)
4002	(FE) uniform	9023 9033	PZ=-9.0(kN/m2)
4002	(FE) uniform	9024 9025 9034 9035	PZ=-2.5(kN/m2)
4003	(FE) uniform	9033 9043	PZ=-9.0(kN/m2)
4003	(FE) uniform	9034 9035 9044 9045	PZ=-2.5(kN/m2)
4004	(FE) uniform	9043 9053	PZ=-9.0(kN/m2)
4004	(FE) uniform	9044 9045 9054 9055	PZ=-2.5(kN/m2)
4005	(FE) uniform	9053 9063	PZ=-9.0(kN/m2)
4005	(FE) uniform	9054 9055 9064 9065	PZ=-2.5(kN/m2)
4006	(FE) uniform	9063 9073	PZ=-9.0(kN/m2)
4006	(FE) uniform	9064 9065 9074 9075	PZ=-2.5(kN/m2)
4007	(FE) uniform	9013 9023 9033	PZ=-9.0(kN/m2)
4007	(FE) uniform	9014 9015 9024 9025 9034 9035	PZ=-2.5(kN/m2)
4008	(FE) uniform	9023 9033 9043	PZ=-9.0(kN/m2)
4008	(FE) uniform	9024 9025 9034 9035 9044 9045	PZ=-2.5(kN/m2)
4009	(FE) uniform	9033 9043 9053	PZ=-9.0(kN/m2)
4009	(FE) uniform	9034 9035 9044 9045 9054 9055	PZ=-2.5(kN/m2)
4010	(FE) uniform	9043 9053 9063	PZ=-9.0(kN/m2)
4010	(FE) uniform	9044 9045 9054 9055 9064 9065	PZ=-2.5(kN/m2)

Case	Load type	List	Load values
4011	(FE) uniform	9053 9063 9073	PZ=-9.0(kN/m2)
4011	(FE) uniform	9054 9055 9064 9065 9074 9075	PZ=-2.5(kN/m2)
4012	(FE) uniform	9013to9063By10	PZ=-9.0(kN/m2)
4012	(FE) uniform	9014to9064By10 9015to9065By10	PZ=-2.5(kN/m2)
4013	(FE) uniform	9023to9073By10	PZ=-9.0(kN/m2)
4013	(FE) uniform	9024to9074By10 9025to9075By10	PZ=-2.5(kN/m2)
4014	(FE) uniform	9033to9083By10	PZ=-9.0(kN/m2)
4014	(FE) uniform	9034to9084By10 9035to9085By10	PZ=-2.5(kN/m2)
4015	(FE) uniform	9043to9093By10	PZ=-9.0(kN/m2)
4015	(FE) uniform	9044to9094By10 9045to9095By10	PZ=-2.5(kN/m2)
4100	(FE) uniform	9011to9121By10 9017to9127By10	PZ=-5.0(kN/m2)
4101	(FE) uniform	9011 9021	PZ=-5.0(kN/m2)
4102	(FE) uniform	9021 9031	PZ=-5.0(kN/m2)
4103	(FE) uniform	9031 9041	PZ=-5.0(kN/m2)
4104	(FE) uniform	9041 9051	PZ=-5.0(kN/m2)
4105	(FE) uniform	9051 9061	PZ=-5.0(kN/m2)
4106	(FE) uniform	9061 9071	PZ=-5.0(kN/m2)
4107	(FE) uniform	9011 9021 9031	PZ=-5.0(kN/m2)
4108	(FE) uniform	9021 9031 9041	PZ=-5.0(kN/m2)
4109	(FE) uniform	9031 9041 9051	PZ=-5.0(kN/m2)
4110	(FE) uniform	9041 9051 9061	PZ=-5.0(kN/m2)
4111	(FE) uniform	9051 9061 9071	PZ=-5.0(kN/m2)
4112	(FE) uniform	9011to9061By10	PZ=-5.0(kN/m2)
4113	(FE) uniform	9021to9071By10	PZ=-5.0(kN/m2)
4114	(FE) uniform	9031to9081By10	PZ=-5.0(kN/m2)
4115	(FE) uniform	9041to9091By10	PZ=-5.0(kN/m2)
5000	uniform load	4101to4106	PX=21.9(kN/m)
5001	member force	9911	FZ=-300.0(kN) X=0.001(m)
5001	member force	9911	FZ=-300.0(kN) X=1.200(m)
5001	member force	9921	FZ=-200.0(kN) X=0.001(m)
5001	member force	9921	FZ=-200.0(kN) X=1.200(m)
5002	member force	9921	FZ=-200.0(kN) X=2.970(m)
5002	member force	9922	FZ=-200.0(kN) X=0.600(m)
5002	member force	9911	FZ=-300.0(kN) X=2.970(m)
5002	member force	9912	FZ=-300.0(kN) X=0.600(m)
5003	member force	9923	FZ=-200.0(kN) X=0.600(m)
5003	member force	9922	FZ=-200.0(kN) X=2.990(m)
5003	member force	9913	FZ=-300.0(kN) X=0.600(m)
5003	member force	9912	FZ=-300.0(kN) X=2.990(m)
5004	member force	9924	FZ=-200.0(kN) X=0.600(m)
5004	member force	9923	FZ=-200.0(kN) X=3.050(m)
5004	member force	9914	FZ=-300.0(kN) X=0.600(m)
5004	member force	9913	FZ=-300.0(kN) X=3.050(m)
5005	member force	9925	FZ=-200.0(kN) X=0.600(m)
5005	member force	9924	FZ=-200.0(kN) X=3.050(m)
5005	member force	9915	FZ=-300.0(kN) X=0.600(m)
5005	member force	9914	FZ=-300.0(kN) X=3.050(m)
5006	member force	9916	FZ=-300.0(kN) X=0.600(m)
5006	member force	9915	FZ=-300.0(kN) X=3.050(m)
5006	member force	9925	FZ=-200.0(kN) X=3.050(m)
5006	member force	9926	FZ=-200.0(kN) X=0.600(m)
5007	member force	9926	FZ=-200.0(kN) X=3.050(m)

Case	Load type	List	Load values
5007	member force	9927	FZ=-200.0(kN) X=0.600(m)
5007	member force	9917	FZ=-300.0(kN) X=0.600(m)
5007	member force	9916	FZ=-300.0(kN) X=3.050(m)
6011	thermal load	1101to1172 2101to2172	TX=50.0(°C)
6011	thermal load	1201to1272 2201to2272 5001to5004	TX=65.0(°C)
6011	thermal load	1301to1311 1411to1481By10 1412to1482By10 2301to2311 2411to2481By10 2412to2482By10	TX=70.0(°C)
6012	thermal load	1101to1172 2101to2172	TX=-31.0(°C)
6012	thermal load	1201to1272 2201to2272 5001to5004	TX=-46.0(°C)
6012	thermal load	1301to1311 1411to1481By10 1412to1482By10 2301to2311 2411to2481By10 2412to2482By10	TX=-41.0(°C)
6021	thermal load	1101to1172 1201to1272 2101to2172 2201to2-272 5001to5004	TZ=18.0(°C)
6022	thermal load	1101to1172 1201to1272 2101to2172 2201to2-272 5001to5004	TZ=-13.0(°C)
7001	uniform load	1101to1172	PY=2.6(kN/m)
7001	uniform load	1201to1272 2201to2272	PY=1.3(kN/m)
7001	uniform load	1101to1172 2101to2172	PZ=4.3(kN/m)
7001	uniform load	1101to1172	PZ=3.6(kN/m)
7001	uniform load	2101to2172	PZ=-3.6(kN/m)
7002	uniform load	2101to2172	PY=-2.5(kN/m)
7002	uniform load	1201to1272 2201to2272	PY=-1.3(kN/m)
7002	uniform load	1101to1172 2101to2172	PZ=4.3(kN/m)
7002	uniform load	2101to2172	PZ=3.6(kN/m)
7002	uniform load	1101to1172	PZ=-3.6(kN/m)
7003	uniform load	1101to1172 2101to2172	PX=0.5(kN/m)
7003	uniform load	1201to1272 2201to2272	PX=0.3(kN/m)
7003	uniform load	1101to1172 2101to2172	PX=0.5(kN/m)
7003	uniform load	1201to1272 2201to2272	PX=0.3(kN/m)
7003	uniform load	5001to5004	PX=1.3(kN/m)
7004	uniform load	1101to1172 2101to2172	PX=-0.5(kN/m)
7004	uniform load	1201to1272 2201to2272	PX=-0.3(kN/m)
7004	uniform load	5001to5004	PX=-1.3(kN/m)
7011	uniform load	1101to1172	PY=1.9(kN/m)
7011	uniform load	1201to1272 2201to2272	PY=1.3(kN/m)
7011	uniform load	1101to1172 2101to2172	PZ=4.3(kN/m)
7011	uniform load	1101to1172	PZ=3.6(kN/m)
7011	uniform load	2101to2172	PZ=-3.6(kN/m)
7012	uniform load	2101to2172	PY=-1.9(kN/m)
7012	uniform load	1201to1272 2201to2272	PY=-1.3(kN/m)
7012	uniform load	1101to1172 2101to2172	PZ=4.3(kN/m)
7012	uniform load	2101to2172	PZ=3.6(kN/m)
7012	uniform load	1101to1172	PZ=-3.6(kN/m)
7013	uniform load	1101to1172 2101to2172	PX=0.4(kN/m)
7013	uniform load	1201to1272 2201to2272	PX=0.3(kN/m)
7013	uniform load	5001to5004	PX=1.3(kN/m)
7014	uniform load	1101to1172 2101to2172	PX=-0.4(kN/m)
7014	uniform load	1201to1272 2201to2272	PX=-0.3(kN/m)
7014	uniform load	5001to5004	PX=-1.3(kN/m)

Combinations

Combinations	Name	Analysis type	Combination type
6101 (C)	TEMP-01	Linear Combination	SLS
6102 (C)	TEMP-02	Linear Combination	SLS
6103 (C)	TEMP-03	Linear Combination	SLS
6104 (C)	TEMP-04	Linear Combination	SLS
6105 (C)	TEMP-05	Linear Combination	SLS
6106 (C)	TEMP-06	Linear Combination	SLS
6107 (C)	TEMP-07	Linear Combination	SLS
6108 (C)	TEMP-08	Linear Combination	SLS
9001 (C)	CPERMmin	Linear Combination	SLS
9002 (C)	CPERMmax	Linear Combination	SLS
9100	ELU-BUCK_QTOT	Combination of buckling cases	ULS
9101 (C)	ELU-BUCK_01	Linear Combination	ULS
9102 (C)	ELU-BUCK_02	Linear Combination	ULS
9103 (C)	ELU-BUCK_03	Linear Combination	ULS
9104 (C)	ELU-BUCK_04	Linear Combination	ULS
10001 (C)	10001	Linear Combination	ULS
10002 (C)	10002	Linear Combination	ULS
10003 (C)	10003	Linear Combination	ULS
10004 (C)	10004	Linear Combination	ULS
10005 (C)	10005	Linear Combination	ULS
10006 (C)	10006	Linear Combination	ULS
10007 (C)	10007	Linear Combination	ULS
10008 (C)	10008	Linear Combination	ULS
10009 (C)	10009	Linear Combination	ULS
10010 (C)	10010	Linear Combination	ULS
10011 (C)	10011	Linear Combination	ULS
10012 (C)	10012	Linear Combination	ULS
10013 (C)	10013	Linear Combination	ULS
10014 (C)	10014	Linear Combination	ULS
10015 (C)	10015	Linear Combination	ULS
10016 (C)	10016	Linear Combination	ULS
10017 (C)	10017	Linear Combination	ULS
10018 (C)	10018	Linear Combination	ULS
10019 (C)	10019	Linear Combination	ULS
10020 (C)	10020	Linear Combination	ULS
10021 (C)	10021	Linear Combination	ULS
10022 (C)	10022	Linear Combination	ULS
10023 (C)	10023	Linear Combination	ULS
10024 (C)	10024	Linear Combination	ULS
10025 (C)	10025	Linear Combination	ULS
10026 (C)	10026	Linear Combination	ULS
10027 (C)	10027	Linear Combination	ULS
10028 (C)	10028	Linear Combination	ULS
10029 (C)	10029	Linear Combination	ULS
10030 (C)	10030	Linear Combination	ULS
10031 (C)	10031	Linear Combination	ULS
10032 (C)	10032	Linear Combination	ULS
10033 (C)	10033	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
10034 (C)	10034	Linear Combination	ULS
10035 (C)	10035	Linear Combination	ULS
10036 (C)	10036	Linear Combination	ULS
10037 (C)	10037	Linear Combination	ULS
10038 (C)	10038	Linear Combination	ULS
10039 (C)	10039	Linear Combination	ULS
10040 (C)	10040	Linear Combination	ULS
10041 (C)	10041	Linear Combination	ULS
10042 (C)	10042	Linear Combination	ULS
10043 (C)	10043	Linear Combination	ULS
10044 (C)	10044	Linear Combination	ULS
10045 (C)	10045	Linear Combination	ULS
10046 (C)	10046	Linear Combination	ULS
10047 (C)	10047	Linear Combination	ULS
10048 (C)	10048	Linear Combination	ULS
10049 (C)	10049	Linear Combination	ULS
10050 (C)	10050	Linear Combination	ULS
10051 (C)	10051	Linear Combination	ULS
10052 (C)	10052	Linear Combination	ULS
10053 (C)	10053	Linear Combination	ULS
10054 (C)	10054	Linear Combination	ULS
10055 (C)	10055	Linear Combination	ULS
10056 (C)	10056	Linear Combination	ULS
10057 (C)	10057	Linear Combination	ULS
10058 (C)	10058	Linear Combination	ULS
10059 (C)	10059	Linear Combination	ULS
10060 (C)	10060	Linear Combination	ULS
10061 (C)	10061	Linear Combination	ULS
10062 (C)	10062	Linear Combination	ULS
10063 (C)	10063	Linear Combination	ULS
10064 (C)	10064	Linear Combination	ULS
10065 (C)	10065	Linear Combination	ULS
10066 (C)	10066	Linear Combination	ULS
10067 (C)	10067	Linear Combination	ULS
10068 (C)	10068	Linear Combination	ULS
10069 (C)	10069	Linear Combination	ULS
10070 (C)	10070	Linear Combination	ULS
10071 (C)	10071	Linear Combination	ULS
10072 (C)	10072	Linear Combination	ULS
10073 (C)	10073	Linear Combination	ULS
10074 (C)	10074	Linear Combination	ULS
10075 (C)	10075	Linear Combination	ULS
10076 (C)	10076	Linear Combination	ULS
10077 (C)	10077	Linear Combination	ULS
10078 (C)	10078	Linear Combination	ULS
10079 (C)	10079	Linear Combination	ULS
10080 (C)	10080	Linear Combination	ULS
10081 (C)	10081	Linear Combination	ULS
10082 (C)	10082	Linear Combination	ULS
10083 (C)	10083	Linear Combination	ULS
10084 (C)	10084	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10085 (C)	10085	Linear Combination	ULS
10086 (C)	10086	Linear Combination	ULS
10087 (C)	10087	Linear Combination	ULS
10088 (C)	10088	Linear Combination	ULS
10089 (C)	10089	Linear Combination	ULS
10090 (C)	10090	Linear Combination	ULS
10091 (C)	10091	Linear Combination	ULS
10092 (C)	10092	Linear Combination	ULS
10093 (C)	10093	Linear Combination	ULS
10094 (C)	10094	Linear Combination	ULS
10095 (C)	10095	Linear Combination	ULS
10096 (C)	10096	Linear Combination	ULS
10097 (C)	10097	Linear Combination	ULS
10098 (C)	10098	Linear Combination	ULS
10099 (C)	10099	Linear Combination	ULS
10100 (C)	10100	Linear Combination	ULS
10101 (C)	10101	Linear Combination	ULS
10102 (C)	10102	Linear Combination	ULS
10103 (C)	10103	Linear Combination	ULS
10104 (C)	10104	Linear Combination	ULS
10105 (C)	10105	Linear Combination	ULS
10106 (C)	10106	Linear Combination	ULS
10107 (C)	10107	Linear Combination	ULS
10108 (C)	10108	Linear Combination	ULS
10109 (C)	10109	Linear Combination	ULS
10110 (C)	10110	Linear Combination	ULS
10111 (C)	10111	Linear Combination	ULS
10112 (C)	10112	Linear Combination	ULS
10113 (C)	10113	Linear Combination	ULS
10114 (C)	10114	Linear Combination	ULS
10115 (C)	10115	Linear Combination	ULS
10116 (C)	10116	Linear Combination	ULS
10117 (C)	10117	Linear Combination	ULS
10118 (C)	10118	Linear Combination	ULS
10119 (C)	10119	Linear Combination	ULS
10120 (C)	10120	Linear Combination	ULS
10121 (C)	10121	Linear Combination	ULS
10122 (C)	10122	Linear Combination	ULS
10123 (C)	10123	Linear Combination	ULS
10124 (C)	10124	Linear Combination	ULS
10125 (C)	10125	Linear Combination	ULS
10126 (C)	10126	Linear Combination	ULS
10127 (C)	10127	Linear Combination	ULS
10128 (C)	10128	Linear Combination	ULS
10129 (C)	10129	Linear Combination	ULS
10130 (C)	10130	Linear Combination	ULS
10131 (C)	10131	Linear Combination	ULS
10132 (C)	10132	Linear Combination	ULS
10133 (C)	10133	Linear Combination	ULS
10134 (C)	10134	Linear Combination	ULS
10135 (C)	10135	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
10136 (C)	10136	Linear Combination	ULS
10137 (C)	10137	Linear Combination	ULS
10138 (C)	10138	Linear Combination	ULS
10139 (C)	10139	Linear Combination	ULS
10140 (C)	10140	Linear Combination	ULS
10141 (C)	10141	Linear Combination	ULS
10142 (C)	10142	Linear Combination	ULS
10143 (C)	10143	Linear Combination	ULS
10144 (C)	10144	Linear Combination	ULS
10145 (C)	10145	Linear Combination	ULS
10146 (C)	10146	Linear Combination	ULS
10147 (C)	10147	Linear Combination	ULS
10148 (C)	10148	Linear Combination	ULS
10149 (C)	10149	Linear Combination	ULS
10150 (C)	10150	Linear Combination	ULS
10151 (C)	10151	Linear Combination	ULS
10152 (C)	10152	Linear Combination	ULS
10153 (C)	10153	Linear Combination	ULS
10154 (C)	10154	Linear Combination	ULS
10155 (C)	10155	Linear Combination	ULS
10156 (C)	10156	Linear Combination	ULS
10157 (C)	10157	Linear Combination	ULS
10158 (C)	10158	Linear Combination	ULS
10159 (C)	10159	Linear Combination	ULS
10160 (C)	10160	Linear Combination	ULS
10161 (C)	10161	Linear Combination	ULS
10162 (C)	10162	Linear Combination	ULS
10163 (C)	10163	Linear Combination	ULS
10164 (C)	10164	Linear Combination	ULS
10165 (C)	10165	Linear Combination	ULS
10166 (C)	10166	Linear Combination	ULS
10167 (C)	10167	Linear Combination	ULS
10168 (C)	10168	Linear Combination	ULS
10169 (C)	10169	Linear Combination	ULS
10170 (C)	10170	Linear Combination	ULS
10171 (C)	10171	Linear Combination	ULS
10172 (C)	10172	Linear Combination	ULS
10173 (C)	10173	Linear Combination	ULS
10174 (C)	10174	Linear Combination	ULS
10175 (C)	10175	Linear Combination	ULS
10176 (C)	10176	Linear Combination	ULS
10177 (C)	10177	Linear Combination	ULS
10178 (C)	10178	Linear Combination	ULS
10179 (C)	10179	Linear Combination	ULS
10180 (C)	10180	Linear Combination	ULS
10181 (C)	10181	Linear Combination	ULS
10182 (C)	10182	Linear Combination	ULS
10183 (C)	10183	Linear Combination	ULS
10184 (C)	10184	Linear Combination	ULS
10185 (C)	10185	Linear Combination	ULS
10186 (C)	10186	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10187 (C)	10187	Linear Combination	ULS
10188 (C)	10188	Linear Combination	ULS
10189 (C)	10189	Linear Combination	ULS
10190 (C)	10190	Linear Combination	ULS
10191 (C)	10191	Linear Combination	ULS
10192 (C)	10192	Linear Combination	ULS
10193 (C)	10193	Linear Combination	ULS
10194 (C)	10194	Linear Combination	ULS
10195 (C)	10195	Linear Combination	ULS
10196 (C)	10196	Linear Combination	ULS
10197 (C)	10197	Linear Combination	ULS
10198 (C)	10198	Linear Combination	ULS
10199 (C)	10199	Linear Combination	ULS
10200 (C)	10200	Linear Combination	ULS
10201 (C)	10201	Linear Combination	ULS
10202 (C)	10202	Linear Combination	ULS
10203 (C)	10203	Linear Combination	ULS
10204 (C)	10204	Linear Combination	ULS
10205 (C)	10205	Linear Combination	ULS
10206 (C)	10206	Linear Combination	ULS
10207 (C)	10207	Linear Combination	ULS
10208 (C)	10208	Linear Combination	ULS
10209 (C)	10209	Linear Combination	ULS
10210 (C)	10210	Linear Combination	ULS
10211 (C)	10211	Linear Combination	ULS
10212 (C)	10212	Linear Combination	ULS
10213 (C)	10213	Linear Combination	ULS
10214 (C)	10214	Linear Combination	ULS
10215 (C)	10215	Linear Combination	ULS
10216 (C)	10216	Linear Combination	ULS
10217 (C)	10217	Linear Combination	ULS
10218 (C)	10218	Linear Combination	ULS
10219 (C)	10219	Linear Combination	ULS
10220 (C)	10220	Linear Combination	ULS
10221 (C)	10221	Linear Combination	ULS
10222 (C)	10222	Linear Combination	ULS
10223 (C)	10223	Linear Combination	ULS
10224 (C)	10224	Linear Combination	ULS
10225 (C)	10225	Linear Combination	ULS
10226 (C)	10226	Linear Combination	ULS
10227 (C)	10227	Linear Combination	ULS
10228 (C)	10228	Linear Combination	ULS
10229 (C)	10229	Linear Combination	ULS
10230 (C)	10230	Linear Combination	ULS
10231 (C)	10231	Linear Combination	ULS
10232 (C)	10232	Linear Combination	ULS
10233 (C)	10233	Linear Combination	ULS
10234 (C)	10234	Linear Combination	ULS
10235 (C)	10235	Linear Combination	ULS
10236 (C)	10236	Linear Combination	ULS
10237 (C)	10237	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
10238 (C)	10238	Linear Combination	ULS
10239 (C)	10239	Linear Combination	ULS
10240 (C)	10240	Linear Combination	ULS
10241 (C)	10241	Linear Combination	ULS
10242 (C)	10242	Linear Combination	ULS
10243 (C)	10243	Linear Combination	ULS
10244 (C)	10244	Linear Combination	ULS
10245 (C)	10245	Linear Combination	ULS
10246 (C)	10246	Linear Combination	ULS
10247 (C)	10247	Linear Combination	ULS
10248 (C)	10248	Linear Combination	ULS
10249 (C)	10249	Linear Combination	ULS
10250 (C)	10250	Linear Combination	ULS
10251 (C)	10251	Linear Combination	ULS
10252 (C)	10252	Linear Combination	ULS
10253 (C)	10253	Linear Combination	ULS
10254 (C)	10254	Linear Combination	ULS
10255 (C)	10255	Linear Combination	ULS
10256 (C)	10256	Linear Combination	ULS
10257 (C)	10257	Linear Combination	ULS
10258 (C)	10258	Linear Combination	ULS
10259 (C)	10259	Linear Combination	ULS
10260 (C)	10260	Linear Combination	ULS
10261 (C)	10261	Linear Combination	ULS
10262 (C)	10262	Linear Combination	ULS
10263 (C)	10263	Linear Combination	ULS
10264 (C)	10264	Linear Combination	ULS
10265 (C)	10265	Linear Combination	ULS
10266 (C)	10266	Linear Combination	ULS
10267 (C)	10267	Linear Combination	ULS
10268 (C)	10268	Linear Combination	ULS
10269 (C)	10269	Linear Combination	ULS
10270 (C)	10270	Linear Combination	ULS
10271 (C)	10271	Linear Combination	ULS
10272 (C)	10272	Linear Combination	ULS
10273 (C)	10273	Linear Combination	ULS
10274 (C)	10274	Linear Combination	ULS
10275 (C)	10275	Linear Combination	ULS
10276 (C)	10276	Linear Combination	ULS
10277 (C)	10277	Linear Combination	ULS
10278 (C)	10278	Linear Combination	ULS
10279 (C)	10279	Linear Combination	ULS
10280 (C)	10280	Linear Combination	ULS
10281 (C)	10281	Linear Combination	ULS
10282 (C)	10282	Linear Combination	ULS
10283 (C)	10283	Linear Combination	ULS
10284 (C)	10284	Linear Combination	ULS
10285 (C)	10285	Linear Combination	ULS
10286 (C)	10286	Linear Combination	ULS
10287 (C)	10287	Linear Combination	ULS
10288 (C)	10288	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10289 (C)	10289	Linear Combination	ULS
10290 (C)	10290	Linear Combination	ULS
10291 (C)	10291	Linear Combination	ULS
10292 (C)	10292	Linear Combination	ULS
10293 (C)	10293	Linear Combination	ULS
10294 (C)	10294	Linear Combination	ULS
10295 (C)	10295	Linear Combination	ULS
10296 (C)	10296	Linear Combination	ULS
10297 (C)	10297	Linear Combination	ULS
10298 (C)	10298	Linear Combination	ULS
10299 (C)	10299	Linear Combination	ULS
10300 (C)	10300	Linear Combination	ULS
10301 (C)	10301	Linear Combination	ULS
10302 (C)	10302	Linear Combination	ULS
10303 (C)	10303	Linear Combination	ULS
10304 (C)	10304	Linear Combination	ULS
10305 (C)	10305	Linear Combination	ULS
10306 (C)	10306	Linear Combination	ULS
10307 (C)	10307	Linear Combination	ULS
10308 (C)	10308	Linear Combination	ULS
10309 (C)	10309	Linear Combination	ULS
10310 (C)	10310	Linear Combination	ULS
10311 (C)	10311	Linear Combination	ULS
10312 (C)	10312	Linear Combination	ULS
10313 (C)	10313	Linear Combination	ULS
10314 (C)	10314	Linear Combination	ULS
10315 (C)	10315	Linear Combination	ULS
10316 (C)	10316	Linear Combination	ULS
10317 (C)	10317	Linear Combination	ULS
10318 (C)	10318	Linear Combination	ULS
10319 (C)	10319	Linear Combination	ULS
10320 (C)	10320	Linear Combination	ULS
10321 (C)	10321	Linear Combination	ULS
10322 (C)	10322	Linear Combination	ULS
10323 (C)	10323	Linear Combination	ULS
10324 (C)	10324	Linear Combination	ULS
10325 (C)	10325	Linear Combination	ULS
10326 (C)	10326	Linear Combination	ULS
10327 (C)	10327	Linear Combination	ULS
10328 (C)	10328	Linear Combination	ULS
10329 (C)	10329	Linear Combination	ULS
10330 (C)	10330	Linear Combination	ULS
10331 (C)	10331	Linear Combination	ULS
10332 (C)	10332	Linear Combination	ULS
10333 (C)	10333	Linear Combination	ULS
10334 (C)	10334	Linear Combination	ULS
10335 (C)	10335	Linear Combination	ULS
10336 (C)	10336	Linear Combination	ULS
10337 (C)	10337	Linear Combination	ULS
10338 (C)	10338	Linear Combination	ULS
10339 (C)	10339	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10340 (C)	10340	Linear Combination	ULS
10341 (C)	10341	Linear Combination	ULS
10342 (C)	10342	Linear Combination	ULS
10343 (C)	10343	Linear Combination	ULS
10344 (C)	10344	Linear Combination	ULS
10345 (C)	10345	Linear Combination	ULS
10346 (C)	10346	Linear Combination	ULS
10347 (C)	10347	Linear Combination	ULS
10348 (C)	10348	Linear Combination	ULS
10349 (C)	10349	Linear Combination	ULS
10350 (C)	10350	Linear Combination	ULS
10351 (C)	10351	Linear Combination	ULS
10352 (C)	10352	Linear Combination	ULS
10353 (C)	10353	Linear Combination	ULS
10354 (C)	10354	Linear Combination	ULS
10355 (C)	10355	Linear Combination	ULS
10356 (C)	10356	Linear Combination	ULS
10357 (C)	10357	Linear Combination	ULS
10358 (C)	10358	Linear Combination	ULS
10359 (C)	10359	Linear Combination	ULS
10360 (C)	10360	Linear Combination	ULS
10361 (C)	10361	Linear Combination	ULS
10362 (C)	10362	Linear Combination	ULS
10363 (C)	10363	Linear Combination	ULS
10364 (C)	10364	Linear Combination	ULS
10365 (C)	10365	Linear Combination	ULS
10366 (C)	10366	Linear Combination	ULS
10367 (C)	10367	Linear Combination	ULS
10368 (C)	10368	Linear Combination	ULS
10369 (C)	10369	Linear Combination	ULS
10370 (C)	10370	Linear Combination	ULS
10371 (C)	10371	Linear Combination	ULS
10372 (C)	10372	Linear Combination	ULS
10373 (C)	10373	Linear Combination	ULS
10374 (C)	10374	Linear Combination	ULS
10375 (C)	10375	Linear Combination	ULS
10376 (C)	10376	Linear Combination	ULS
10377 (C)	10377	Linear Combination	ULS
10378 (C)	10378	Linear Combination	ULS
10379 (C)	10379	Linear Combination	ULS
10380 (C)	10380	Linear Combination	ULS
10381 (C)	10381	Linear Combination	ULS
10382 (C)	10382	Linear Combination	ULS
10383 (C)	10383	Linear Combination	ULS
10384 (C)	10384	Linear Combination	ULS
10385 (C)	10385	Linear Combination	ULS
10386 (C)	10386	Linear Combination	ULS
10387 (C)	10387	Linear Combination	ULS
10388 (C)	10388	Linear Combination	ULS
10389 (C)	10389	Linear Combination	ULS
10390 (C)	10390	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10391 (C)	10391	Linear Combination	ULS
10392 (C)	10392	Linear Combination	ULS
10393 (C)	10393	Linear Combination	ULS
10394 (C)	10394	Linear Combination	ULS
10395 (C)	10395	Linear Combination	ULS
10396 (C)	10396	Linear Combination	ULS
10397 (C)	10397	Linear Combination	ULS
10398 (C)	10398	Linear Combination	ULS
10399 (C)	10399	Linear Combination	ULS
10400 (C)	10400	Linear Combination	ULS
10401 (C)	10401	Linear Combination	ULS
10402 (C)	10402	Linear Combination	ULS
10403 (C)	10403	Linear Combination	ULS
10404 (C)	10404	Linear Combination	ULS
10405 (C)	10405	Linear Combination	ULS
10406 (C)	10406	Linear Combination	ULS
10407 (C)	10407	Linear Combination	ULS
10408 (C)	10408	Linear Combination	ULS
10409 (C)	10409	Linear Combination	ULS
10410 (C)	10410	Linear Combination	ULS
10411 (C)	10411	Linear Combination	ULS
10412 (C)	10412	Linear Combination	ULS
10413 (C)	10413	Linear Combination	ULS
10414 (C)	10414	Linear Combination	ULS
10415 (C)	10415	Linear Combination	ULS
10416 (C)	10416	Linear Combination	ULS
10417 (C)	10417	Linear Combination	ULS
10418 (C)	10418	Linear Combination	ULS
10419 (C)	10419	Linear Combination	ULS
10420 (C)	10420	Linear Combination	ULS
10421 (C)	10421	Linear Combination	ULS
10422 (C)	10422	Linear Combination	ULS
10423 (C)	10423	Linear Combination	ULS
10424 (C)	10424	Linear Combination	ULS
10425 (C)	10425	Linear Combination	ULS
10426 (C)	10426	Linear Combination	ULS
10427 (C)	10427	Linear Combination	ULS
10428 (C)	10428	Linear Combination	ULS
10429 (C)	10429	Linear Combination	ULS
10430 (C)	10430	Linear Combination	ULS
10431 (C)	10431	Linear Combination	ULS
10432 (C)	10432	Linear Combination	ULS
10433 (C)	10433	Linear Combination	ULS
10434 (C)	10434	Linear Combination	ULS
10435 (C)	10435	Linear Combination	ULS
10436 (C)	10436	Linear Combination	ULS
10437 (C)	10437	Linear Combination	ULS
10438 (C)	10438	Linear Combination	ULS
10439 (C)	10439	Linear Combination	ULS
10440 (C)	10440	Linear Combination	ULS
10441 (C)	10441	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10442 (C)	10442	Linear Combination	ULS
10443 (C)	10443	Linear Combination	ULS
10444 (C)	10444	Linear Combination	ULS
10445 (C)	10445	Linear Combination	ULS
10446 (C)	10446	Linear Combination	ULS
10447 (C)	10447	Linear Combination	ULS
10448 (C)	10448	Linear Combination	ULS
10449 (C)	10449	Linear Combination	ULS
10450 (C)	10450	Linear Combination	ULS
10451 (C)	10451	Linear Combination	ULS
10452 (C)	10452	Linear Combination	ULS
10453 (C)	10453	Linear Combination	ULS
10454 (C)	10454	Linear Combination	ULS
10455 (C)	10455	Linear Combination	ULS
10456 (C)	10456	Linear Combination	ULS
10457 (C)	10457	Linear Combination	ULS
10458 (C)	10458	Linear Combination	ULS
10459 (C)	10459	Linear Combination	ULS
10460 (C)	10460	Linear Combination	ULS
10461 (C)	10461	Linear Combination	ULS
10462 (C)	10462	Linear Combination	ULS
10463 (C)	10463	Linear Combination	ULS
10464 (C)	10464	Linear Combination	ULS
10465 (C)	10465	Linear Combination	ULS
10466 (C)	10466	Linear Combination	ULS
10467 (C)	10467	Linear Combination	ULS
10468 (C)	10468	Linear Combination	ULS
10469 (C)	10469	Linear Combination	ULS
10470 (C)	10470	Linear Combination	ULS
10471 (C)	10471	Linear Combination	ULS
10472 (C)	10472	Linear Combination	ULS
10473 (C)	10473	Linear Combination	ULS
10474 (C)	10474	Linear Combination	ULS
10475 (C)	10475	Linear Combination	ULS
10476 (C)	10476	Linear Combination	ULS
10477 (C)	10477	Linear Combination	ULS
10478 (C)	10478	Linear Combination	ULS
10479 (C)	10479	Linear Combination	ULS
10480 (C)	10480	Linear Combination	ULS
10481 (C)	10481	Linear Combination	ULS
10482 (C)	10482	Linear Combination	ULS
10483 (C)	10483	Linear Combination	ULS
10484 (C)	10484	Linear Combination	ULS
10485 (C)	10485	Linear Combination	ULS
10486 (C)	10486	Linear Combination	ULS
10487 (C)	10487	Linear Combination	ULS
10488 (C)	10488	Linear Combination	ULS
10489 (C)	10489	Linear Combination	ULS
10490 (C)	10490	Linear Combination	ULS
10491 (C)	10491	Linear Combination	ULS
10492 (C)	10492	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10493 (C)	10493	Linear Combination	ULS
10494 (C)	10494	Linear Combination	ULS
10495 (C)	10495	Linear Combination	ULS
10496 (C)	10496	Linear Combination	ULS
10497 (C)	10497	Linear Combination	ULS
10498 (C)	10498	Linear Combination	ULS
10499 (C)	10499	Linear Combination	ULS
10500 (C)	10500	Linear Combination	ULS
10501 (C)	10501	Linear Combination	ULS
10502 (C)	10502	Linear Combination	ULS
10503 (C)	10503	Linear Combination	ULS
10504 (C)	10504	Linear Combination	ULS
10505 (C)	10505	Linear Combination	ULS
10506 (C)	10506	Linear Combination	ULS
10507 (C)	10507	Linear Combination	ULS
10508 (C)	10508	Linear Combination	ULS
10509 (C)	10509	Linear Combination	ULS
10510 (C)	10510	Linear Combination	ULS
10511 (C)	10511	Linear Combination	ULS
10512 (C)	10512	Linear Combination	ULS
10513 (C)	10513	Linear Combination	ULS
10514 (C)	10514	Linear Combination	ULS
10515 (C)	10515	Linear Combination	ULS
10516 (C)	10516	Linear Combination	ULS
10517 (C)	10517	Linear Combination	ULS
10518 (C)	10518	Linear Combination	ULS
10519 (C)	10519	Linear Combination	ULS
10520 (C)	10520	Linear Combination	ULS
10521 (C)	10521	Linear Combination	ULS
10522 (C)	10522	Linear Combination	ULS
10523 (C)	10523	Linear Combination	ULS
10524 (C)	10524	Linear Combination	ULS
10525 (C)	10525	Linear Combination	ULS
10526 (C)	10526	Linear Combination	ULS
10527 (C)	10527	Linear Combination	ULS
10528 (C)	10528	Linear Combination	ULS
10529 (C)	10529	Linear Combination	ULS
10530 (C)	10530	Linear Combination	ULS
10531 (C)	10531	Linear Combination	ULS
10532 (C)	10532	Linear Combination	ULS
10533 (C)	10533	Linear Combination	ULS
10534 (C)	10534	Linear Combination	ULS
10535 (C)	10535	Linear Combination	ULS
10536 (C)	10536	Linear Combination	ULS
10537 (C)	10537	Linear Combination	ULS
10538 (C)	10538	Linear Combination	ULS
10539 (C)	10539	Linear Combination	ULS
10540 (C)	10540	Linear Combination	ULS
10541 (C)	10541	Linear Combination	ULS
10542 (C)	10542	Linear Combination	ULS
10543 (C)	10543	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10544 (C)	10544	Linear Combination	ULS
10545 (C)	10545	Linear Combination	ULS
10546 (C)	10546	Linear Combination	ULS
10547 (C)	10547	Linear Combination	ULS
10548 (C)	10548	Linear Combination	ULS
10549 (C)	10549	Linear Combination	ULS
10550 (C)	10550	Linear Combination	ULS
10551 (C)	10551	Linear Combination	ULS
10552 (C)	10552	Linear Combination	ULS
10553 (C)	10553	Linear Combination	ULS
10554 (C)	10554	Linear Combination	ULS
10555 (C)	10555	Linear Combination	ULS
10556 (C)	10556	Linear Combination	ULS
10557 (C)	10557	Linear Combination	ULS
10558 (C)	10558	Linear Combination	ULS
10559 (C)	10559	Linear Combination	ULS
10560 (C)	10560	Linear Combination	ULS
10561 (C)	10561	Linear Combination	ULS
10562 (C)	10562	Linear Combination	ULS
10563 (C)	10563	Linear Combination	ULS
10564 (C)	10564	Linear Combination	ULS
10565 (C)	10565	Linear Combination	ULS
10566 (C)	10566	Linear Combination	ULS
10567 (C)	10567	Linear Combination	ULS
10568 (C)	10568	Linear Combination	ULS
10569 (C)	10569	Linear Combination	ULS
10570 (C)	10570	Linear Combination	ULS
10571 (C)	10571	Linear Combination	ULS
10572 (C)	10572	Linear Combination	ULS
10573 (C)	10573	Linear Combination	ULS
10574 (C)	10574	Linear Combination	ULS
10575 (C)	10575	Linear Combination	ULS
10576 (C)	10576	Linear Combination	ULS
10577 (C)	10577	Linear Combination	ULS
10578 (C)	10578	Linear Combination	ULS
10579 (C)	10579	Linear Combination	ULS
10580 (C)	10580	Linear Combination	ULS
10581 (C)	10581	Linear Combination	ULS
10582 (C)	10582	Linear Combination	ULS
10583 (C)	10583	Linear Combination	ULS
10584 (C)	10584	Linear Combination	ULS
10585 (C)	10585	Linear Combination	ULS
10586 (C)	10586	Linear Combination	ULS
10587 (C)	10587	Linear Combination	ULS
10588 (C)	10588	Linear Combination	ULS
10589 (C)	10589	Linear Combination	ULS
10590 (C)	10590	Linear Combination	ULS
10591 (C)	10591	Linear Combination	ULS
10592 (C)	10592	Linear Combination	ULS
10593 (C)	10593	Linear Combination	ULS
10594 (C)	10594	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10595 (C)	10595	Linear Combination	ULS
10596 (C)	10596	Linear Combination	ULS
10597 (C)	10597	Linear Combination	ULS
10598 (C)	10598	Linear Combination	ULS
10599 (C)	10599	Linear Combination	ULS
10600 (C)	10600	Linear Combination	ULS
10601 (C)	10601	Linear Combination	ULS
10602 (C)	10602	Linear Combination	ULS
10603 (C)	10603	Linear Combination	ULS
10604 (C)	10604	Linear Combination	ULS
10605 (C)	10605	Linear Combination	ULS
10606 (C)	10606	Linear Combination	ULS
10607 (C)	10607	Linear Combination	ULS
10608 (C)	10608	Linear Combination	ULS
10609 (C)	10609	Linear Combination	ULS
10610 (C)	10610	Linear Combination	ULS
10611 (C)	10611	Linear Combination	ULS
10612 (C)	10612	Linear Combination	ULS
10613 (C)	10613	Linear Combination	ULS
10614 (C)	10614	Linear Combination	ULS
10615 (C)	10615	Linear Combination	ULS
10616 (C)	10616	Linear Combination	ULS
10617 (C)	10617	Linear Combination	ULS
10618 (C)	10618	Linear Combination	ULS
10619 (C)	10619	Linear Combination	ULS
10620 (C)	10620	Linear Combination	ULS
10621 (C)	10621	Linear Combination	ULS
10622 (C)	10622	Linear Combination	ULS
10623 (C)	10623	Linear Combination	ULS
10624 (C)	10624	Linear Combination	ULS
10625 (C)	10625	Linear Combination	ULS
10626 (C)	10626	Linear Combination	ULS
10627 (C)	10627	Linear Combination	ULS
10628 (C)	10628	Linear Combination	ULS
10629 (C)	10629	Linear Combination	ULS
10630 (C)	10630	Linear Combination	ULS
10631 (C)	10631	Linear Combination	ULS
10632 (C)	10632	Linear Combination	ULS
10633 (C)	10633	Linear Combination	ULS
10634 (C)	10634	Linear Combination	ULS
10635 (C)	10635	Linear Combination	ULS
10636 (C)	10636	Linear Combination	ULS
10637 (C)	10637	Linear Combination	ULS
10638 (C)	10638	Linear Combination	ULS
10639 (C)	10639	Linear Combination	ULS
10640 (C)	10640	Linear Combination	ULS
10641 (C)	10641	Linear Combination	ULS
10642 (C)	10642	Linear Combination	ULS
10643 (C)	10643	Linear Combination	ULS
10644 (C)	10644	Linear Combination	ULS
10645 (C)	10645	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10646 (C)	10646	Linear Combination	ULS
10647 (C)	10647	Linear Combination	ULS
10648 (C)	10648	Linear Combination	ULS
10649 (C)	10649	Linear Combination	ULS
10650 (C)	10650	Linear Combination	ULS
10651 (C)	10651	Linear Combination	ULS
10652 (C)	10652	Linear Combination	ULS
10653 (C)	10653	Linear Combination	ULS
10654 (C)	10654	Linear Combination	ULS
10655 (C)	10655	Linear Combination	ULS
10656 (C)	10656	Linear Combination	ULS
10657 (C)	10657	Linear Combination	ULS
10658 (C)	10658	Linear Combination	ULS
10659 (C)	10659	Linear Combination	ULS
10660 (C)	10660	Linear Combination	ULS
10661 (C)	10661	Linear Combination	ULS
10662 (C)	10662	Linear Combination	ULS
10663 (C)	10663	Linear Combination	ULS
10664 (C)	10664	Linear Combination	ULS
10665 (C)	10665	Linear Combination	ULS
10666 (C)	10666	Linear Combination	ULS
10667 (C)	10667	Linear Combination	ULS
10668 (C)	10668	Linear Combination	ULS
10669 (C)	10669	Linear Combination	ULS
10670 (C)	10670	Linear Combination	ULS
10671 (C)	10671	Linear Combination	ULS
10672 (C)	10672	Linear Combination	ULS
10673 (C)	10673	Linear Combination	ULS
10674 (C)	10674	Linear Combination	ULS
10675 (C)	10675	Linear Combination	ULS
10676 (C)	10676	Linear Combination	ULS
10677 (C)	10677	Linear Combination	ULS
10678 (C)	10678	Linear Combination	ULS
10679 (C)	10679	Linear Combination	ULS
10680 (C)	10680	Linear Combination	ULS
10681 (C)	10681	Linear Combination	ULS
10682 (C)	10682	Linear Combination	ULS
10683 (C)	10683	Linear Combination	ULS
10684 (C)	10684	Linear Combination	ULS
10685 (C)	10685	Linear Combination	ULS
10686 (C)	10686	Linear Combination	ULS
10687 (C)	10687	Linear Combination	ULS
10688 (C)	10688	Linear Combination	ULS
10689 (C)	10689	Linear Combination	ULS
10690 (C)	10690	Linear Combination	ULS
10691 (C)	10691	Linear Combination	ULS
10692 (C)	10692	Linear Combination	ULS
10693 (C)	10693	Linear Combination	ULS
10694 (C)	10694	Linear Combination	ULS
10695 (C)	10695	Linear Combination	ULS
10696 (C)	10696	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10697 (C)	10697	Linear Combination	ULS
10698 (C)	10698	Linear Combination	ULS
10699 (C)	10699	Linear Combination	ULS
10700 (C)	10700	Linear Combination	ULS
10701 (C)	10701	Linear Combination	ULS
10702 (C)	10702	Linear Combination	ULS
10703 (C)	10703	Linear Combination	ULS
10704 (C)	10704	Linear Combination	ULS
10705 (C)	10705	Linear Combination	ULS
10706 (C)	10706	Linear Combination	ULS
10707 (C)	10707	Linear Combination	ULS
10708 (C)	10708	Linear Combination	ULS
10709 (C)	10709	Linear Combination	ULS
10710 (C)	10710	Linear Combination	ULS
10711 (C)	10711	Linear Combination	ULS
10712 (C)	10712	Linear Combination	ULS
10713 (C)	10713	Linear Combination	ULS
10714 (C)	10714	Linear Combination	ULS
10715 (C)	10715	Linear Combination	ULS
10716 (C)	10716	Linear Combination	ULS
10717 (C)	10717	Linear Combination	ULS
10718 (C)	10718	Linear Combination	ULS
10719 (C)	10719	Linear Combination	ULS
10720 (C)	10720	Linear Combination	ULS
10721 (C)	10721	Linear Combination	ULS
10722 (C)	10722	Linear Combination	ULS
10723 (C)	10723	Linear Combination	ULS
10724 (C)	10724	Linear Combination	ULS
10725 (C)	10725	Linear Combination	ULS
10726 (C)	10726	Linear Combination	ULS
10727 (C)	10727	Linear Combination	ULS
10728 (C)	10728	Linear Combination	ULS
10729 (C)	10729	Linear Combination	ULS
10730 (C)	10730	Linear Combination	ULS
10731 (C)	10731	Linear Combination	ULS
10732 (C)	10732	Linear Combination	ULS
10733 (C)	10733	Linear Combination	ULS
10734 (C)	10734	Linear Combination	ULS
10735 (C)	10735	Linear Combination	ULS
10736 (C)	10736	Linear Combination	ULS
10737 (C)	10737	Linear Combination	ULS
10738 (C)	10738	Linear Combination	ULS
10739 (C)	10739	Linear Combination	ULS
10740 (C)	10740	Linear Combination	ULS
10741 (C)	10741	Linear Combination	ULS
10742 (C)	10742	Linear Combination	ULS
10743 (C)	10743	Linear Combination	ULS
10744 (C)	10744	Linear Combination	ULS
10745 (C)	10745	Linear Combination	ULS
10746 (C)	10746	Linear Combination	ULS
10747 (C)	10747	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10748 (C)	10748	Linear Combination	ULS
10749 (C)	10749	Linear Combination	ULS
10750 (C)	10750	Linear Combination	ULS
10751 (C)	10751	Linear Combination	ULS
10752 (C)	10752	Linear Combination	ULS
10753 (C)	10753	Linear Combination	ULS
10754 (C)	10754	Linear Combination	ULS
10755 (C)	10755	Linear Combination	ULS
10756 (C)	10756	Linear Combination	ULS
10757 (C)	10757	Linear Combination	ULS
10758 (C)	10758	Linear Combination	ULS
10759 (C)	10759	Linear Combination	ULS
10760 (C)	10760	Linear Combination	ULS
10761 (C)	10761	Linear Combination	ULS
10762 (C)	10762	Linear Combination	ULS
10763 (C)	10763	Linear Combination	ULS
10764 (C)	10764	Linear Combination	ULS
10765 (C)	10765	Linear Combination	ULS
10766 (C)	10766	Linear Combination	ULS
10767 (C)	10767	Linear Combination	ULS
10768 (C)	10768	Linear Combination	ULS
10769 (C)	10769	Linear Combination	ULS
10770 (C)	10770	Linear Combination	ULS
10771 (C)	10771	Linear Combination	ULS
10772 (C)	10772	Linear Combination	ULS
10773 (C)	10773	Linear Combination	ULS
10774 (C)	10774	Linear Combination	ULS
10775 (C)	10775	Linear Combination	ULS
10776 (C)	10776	Linear Combination	ULS
10777 (C)	10777	Linear Combination	ULS
10778 (C)	10778	Linear Combination	ULS
10779 (C)	10779	Linear Combination	ULS
10780 (C)	10780	Linear Combination	ULS
10781 (C)	10781	Linear Combination	ULS
10782 (C)	10782	Linear Combination	ULS
10783 (C)	10783	Linear Combination	ULS
10784 (C)	10784	Linear Combination	ULS
10785 (C)	10785	Linear Combination	ULS
10786 (C)	10786	Linear Combination	ULS
10787 (C)	10787	Linear Combination	ULS
10788 (C)	10788	Linear Combination	ULS
10789 (C)	10789	Linear Combination	ULS
10790 (C)	10790	Linear Combination	ULS
10791 (C)	10791	Linear Combination	ULS
10792 (C)	10792	Linear Combination	ULS
10793 (C)	10793	Linear Combination	ULS
10794 (C)	10794	Linear Combination	ULS
10795 (C)	10795	Linear Combination	ULS
10796 (C)	10796	Linear Combination	ULS
10797 (C)	10797	Linear Combination	ULS
10798 (C)	10798	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10799 (C)	10799	Linear Combination	ULS
10800 (C)	10800	Linear Combination	ULS
10801 (C)	10801	Linear Combination	ULS
10802 (C)	10802	Linear Combination	ULS
10803 (C)	10803	Linear Combination	ULS
10804 (C)	10804	Linear Combination	ULS
10805 (C)	10805	Linear Combination	ULS
10806 (C)	10806	Linear Combination	ULS
10807 (C)	10807	Linear Combination	ULS
10808 (C)	10808	Linear Combination	ULS
10809 (C)	10809	Linear Combination	ULS
10810 (C)	10810	Linear Combination	ULS
10811 (C)	10811	Linear Combination	ULS
10812 (C)	10812	Linear Combination	ULS
10813 (C)	10813	Linear Combination	ULS
10814 (C)	10814	Linear Combination	ULS
10815 (C)	10815	Linear Combination	ULS
10816 (C)	10816	Linear Combination	ULS
10817 (C)	10817	Linear Combination	ULS
10818 (C)	10818	Linear Combination	ULS
10819 (C)	10819	Linear Combination	ULS
10820 (C)	10820	Linear Combination	ULS
10821 (C)	10821	Linear Combination	ULS
10822 (C)	10822	Linear Combination	ULS
10823 (C)	10823	Linear Combination	ULS
10824 (C)	10824	Linear Combination	ULS
10825 (C)	10825	Linear Combination	ULS
10826 (C)	10826	Linear Combination	ULS
10827 (C)	10827	Linear Combination	ULS
10828 (C)	10828	Linear Combination	ULS
10829 (C)	10829	Linear Combination	ULS
10830 (C)	10830	Linear Combination	ULS
10831 (C)	10831	Linear Combination	ULS
10832 (C)	10832	Linear Combination	ULS
10833 (C)	10833	Linear Combination	ULS
10834 (C)	10834	Linear Combination	ULS
10835 (C)	10835	Linear Combination	ULS
10836 (C)	10836	Linear Combination	ULS
10837 (C)	10837	Linear Combination	ULS
10838 (C)	10838	Linear Combination	ULS
10839 (C)	10839	Linear Combination	ULS
10840 (C)	10840	Linear Combination	ULS
10841 (C)	10841	Linear Combination	ULS
10842 (C)	10842	Linear Combination	ULS
10843 (C)	10843	Linear Combination	ULS
10844 (C)	10844	Linear Combination	ULS
10845 (C)	10845	Linear Combination	ULS
10846 (C)	10846	Linear Combination	ULS
10847 (C)	10847	Linear Combination	ULS
10848 (C)	10848	Linear Combination	ULS
10849 (C)	10849	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10850 (C)	10850	Linear Combination	ULS
10851 (C)	10851	Linear Combination	ULS
10852 (C)	10852	Linear Combination	ULS
10853 (C)	10853	Linear Combination	ULS
10854 (C)	10854	Linear Combination	ULS
10855 (C)	10855	Linear Combination	ULS
10856 (C)	10856	Linear Combination	ULS
10857 (C)	10857	Linear Combination	ULS
10858 (C)	10858	Linear Combination	ULS
10859 (C)	10859	Linear Combination	ULS
10860 (C)	10860	Linear Combination	ULS
10861 (C)	10861	Linear Combination	ULS
10862 (C)	10862	Linear Combination	ULS
10863 (C)	10863	Linear Combination	ULS
10864 (C)	10864	Linear Combination	ULS
10865 (C)	10865	Linear Combination	ULS
10866 (C)	10866	Linear Combination	ULS
10867 (C)	10867	Linear Combination	ULS
10868 (C)	10868	Linear Combination	ULS
10869 (C)	10869	Linear Combination	ULS
10870 (C)	10870	Linear Combination	ULS
10871 (C)	10871	Linear Combination	ULS
10872 (C)	10872	Linear Combination	ULS
10873 (C)	10873	Linear Combination	ULS
10874 (C)	10874	Linear Combination	ULS
10875 (C)	10875	Linear Combination	ULS
10876 (C)	10876	Linear Combination	ULS
10877 (C)	10877	Linear Combination	ULS
10878 (C)	10878	Linear Combination	ULS
10879 (C)	10879	Linear Combination	ULS
10880 (C)	10880	Linear Combination	ULS
10881 (C)	10881	Linear Combination	ULS
10882 (C)	10882	Linear Combination	ULS
10883 (C)	10883	Linear Combination	ULS
10884 (C)	10884	Linear Combination	ULS
10885 (C)	10885	Linear Combination	ULS
10886 (C)	10886	Linear Combination	ULS
10887 (C)	10887	Linear Combination	ULS
10888 (C)	10888	Linear Combination	ULS
10889 (C)	10889	Linear Combination	ULS
10890 (C)	10890	Linear Combination	ULS
10891 (C)	10891	Linear Combination	ULS
10892 (C)	10892	Linear Combination	ULS
10893 (C)	10893	Linear Combination	ULS
10894 (C)	10894	Linear Combination	ULS
10895 (C)	10895	Linear Combination	ULS
10896 (C)	10896	Linear Combination	ULS
10897 (C)	11001	Linear Combination	ULS
10898 (C)	11002	Linear Combination	ULS
10899 (C)	11003	Linear Combination	ULS
10900 (C)	11004	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
10901 (C)	11005	Linear Combination	ULS
10902 (C)	11006	Linear Combination	ULS
10903 (C)	11007	Linear Combination	ULS
10904 (C)	11008	Linear Combination	ULS
10905 (C)	11009	Linear Combination	ULS
10906 (C)	11010	Linear Combination	ULS
10907 (C)	11011	Linear Combination	ULS
10908 (C)	11012	Linear Combination	ULS
10909 (C)	11013	Linear Combination	ULS
10910 (C)	11014	Linear Combination	ULS
10911 (C)	11015	Linear Combination	ULS
10912 (C)	11016	Linear Combination	ULS
10913 (C)	11017	Linear Combination	ULS
10914 (C)	11018	Linear Combination	ULS
10915 (C)	11019	Linear Combination	ULS
10916 (C)	11020	Linear Combination	ULS
10917 (C)	11021	Linear Combination	ULS
10918 (C)	11022	Linear Combination	ULS
10919 (C)	11023	Linear Combination	ULS
10920 (C)	11024	Linear Combination	ULS
10921 (C)	11025	Linear Combination	ULS
10922 (C)	11026	Linear Combination	ULS
10923 (C)	11027	Linear Combination	ULS
10924 (C)	11028	Linear Combination	ULS
10925 (C)	11029	Linear Combination	ULS
10926 (C)	11030	Linear Combination	ULS
10927 (C)	11031	Linear Combination	ULS
10928 (C)	11032	Linear Combination	ULS
10929 (C)	11033	Linear Combination	ULS
10930 (C)	11034	Linear Combination	ULS
10931 (C)	11035	Linear Combination	ULS
10932 (C)	11036	Linear Combination	ULS
10933 (C)	11037	Linear Combination	ULS
10934 (C)	11038	Linear Combination	ULS
10935 (C)	11039	Linear Combination	ULS
10936 (C)	11040	Linear Combination	ULS
10937 (C)	11041	Linear Combination	ULS
10938 (C)	11042	Linear Combination	ULS
10939 (C)	11043	Linear Combination	ULS
10940 (C)	11044	Linear Combination	ULS
10941 (C)	11045	Linear Combination	ULS
10942 (C)	11046	Linear Combination	ULS
10943 (C)	11047	Linear Combination	ULS
10944 (C)	11048	Linear Combination	ULS
10945 (C)	11049	Linear Combination	ULS
10946 (C)	11050	Linear Combination	ULS
10947 (C)	11051	Linear Combination	ULS
10948 (C)	11052	Linear Combination	ULS
10949 (C)	11053	Linear Combination	ULS
10950 (C)	11054	Linear Combination	ULS
10951 (C)	11055	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
10952 (C)	11056	Linear Combination	ULS
10953 (C)	11057	Linear Combination	ULS
10954 (C)	11058	Linear Combination	ULS
10955 (C)	11059	Linear Combination	ULS
10956 (C)	11060	Linear Combination	ULS
10957 (C)	11061	Linear Combination	ULS
10958 (C)	11062	Linear Combination	ULS
10959 (C)	11063	Linear Combination	ULS
10960 (C)	11064	Linear Combination	ULS
10961 (C)	11065	Linear Combination	ULS
10962 (C)	11066	Linear Combination	ULS
10963 (C)	11067	Linear Combination	ULS
10964 (C)	11068	Linear Combination	ULS
10965 (C)	11069	Linear Combination	ULS
10966 (C)	11070	Linear Combination	ULS
10967 (C)	11071	Linear Combination	ULS
10968 (C)	11072	Linear Combination	ULS
10969 (C)	11073	Linear Combination	ULS
10970 (C)	11074	Linear Combination	ULS
10971 (C)	11075	Linear Combination	ULS
10972 (C)	11076	Linear Combination	ULS
10973 (C)	11077	Linear Combination	ULS
10974 (C)	11078	Linear Combination	ULS
10975 (C)	11079	Linear Combination	ULS
10976 (C)	11080	Linear Combination	ULS
10977 (C)	11081	Linear Combination	ULS
10978 (C)	11082	Linear Combination	ULS
10979 (C)	11083	Linear Combination	ULS
10980 (C)	11084	Linear Combination	ULS
10981 (C)	11085	Linear Combination	ULS
10982 (C)	11086	Linear Combination	ULS
10983 (C)	11087	Linear Combination	ULS
10984 (C)	11088	Linear Combination	ULS
10985 (C)	11089	Linear Combination	ULS
10986 (C)	11090	Linear Combination	ULS
10987 (C)	11091	Linear Combination	ULS
10988 (C)	11092	Linear Combination	ULS
10989 (C)	11093	Linear Combination	ULS
10990 (C)	11094	Linear Combination	ULS
10991 (C)	11095	Linear Combination	ULS
10992 (C)	11096	Linear Combination	ULS
10993 (C)	11097	Linear Combination	ULS
10994 (C)	11098	Linear Combination	ULS
10995 (C)	11099	Linear Combination	ULS
10996 (C)	11100	Linear Combination	ULS
10997 (C)	11101	Linear Combination	ULS
10998 (C)	11102	Linear Combination	ULS
10999 (C)	11103	Linear Combination	ULS
11000 (C)	11104	Linear Combination	ULS
11001 (C)	11105	Linear Combination	ULS
11002 (C)	11106	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11003 (C)	11107	Linear Combination	ULS
11004 (C)	11108	Linear Combination	ULS
11005 (C)	11109	Linear Combination	ULS
11006 (C)	11110	Linear Combination	ULS
11007 (C)	11111	Linear Combination	ULS
11008 (C)	11112	Linear Combination	ULS
11009 (C)	11113	Linear Combination	ULS
11010 (C)	11114	Linear Combination	ULS
11011 (C)	11115	Linear Combination	ULS
11012 (C)	11116	Linear Combination	ULS
11013 (C)	11117	Linear Combination	ULS
11014 (C)	11118	Linear Combination	ULS
11015 (C)	11119	Linear Combination	ULS
11016 (C)	11120	Linear Combination	ULS
11017 (C)	11121	Linear Combination	ULS
11018 (C)	11122	Linear Combination	ULS
11019 (C)	11123	Linear Combination	ULS
11020 (C)	11124	Linear Combination	ULS
11021 (C)	11125	Linear Combination	ULS
11022 (C)	11126	Linear Combination	ULS
11023 (C)	11127	Linear Combination	ULS
11024 (C)	11128	Linear Combination	ULS
11025 (C)	11129	Linear Combination	ULS
11026 (C)	11130	Linear Combination	ULS
11027 (C)	11131	Linear Combination	ULS
11028 (C)	11132	Linear Combination	ULS
11029 (C)	11133	Linear Combination	ULS
11030 (C)	11134	Linear Combination	ULS
11031 (C)	11135	Linear Combination	ULS
11032 (C)	11136	Linear Combination	ULS
11033 (C)	11137	Linear Combination	ULS
11034 (C)	11138	Linear Combination	ULS
11035 (C)	11139	Linear Combination	ULS
11036 (C)	11140	Linear Combination	ULS
11037 (C)	11141	Linear Combination	ULS
11038 (C)	11142	Linear Combination	ULS
11039 (C)	11143	Linear Combination	ULS
11040 (C)	11144	Linear Combination	ULS
11041 (C)	11145	Linear Combination	ULS
11042 (C)	11146	Linear Combination	ULS
11043 (C)	11147	Linear Combination	ULS
11044 (C)	11148	Linear Combination	ULS
11045 (C)	11149	Linear Combination	ULS
11046 (C)	11150	Linear Combination	ULS
11047 (C)	11151	Linear Combination	ULS
11048 (C)	11152	Linear Combination	ULS
11049 (C)	11153	Linear Combination	ULS
11050 (C)	11154	Linear Combination	ULS
11051 (C)	11155	Linear Combination	ULS
11052 (C)	11156	Linear Combination	ULS
11053 (C)	11157	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
11054 (C)	11158	Linear Combination	ULS
11055 (C)	11159	Linear Combination	ULS
11056 (C)	11160	Linear Combination	ULS
11057 (C)	11161	Linear Combination	ULS
11058 (C)	11162	Linear Combination	ULS
11059 (C)	11163	Linear Combination	ULS
11060 (C)	11164	Linear Combination	ULS
11061 (C)	11165	Linear Combination	ULS
11062 (C)	11166	Linear Combination	ULS
11063 (C)	11167	Linear Combination	ULS
11064 (C)	11168	Linear Combination	ULS
11065 (C)	11169	Linear Combination	ULS
11066 (C)	11170	Linear Combination	ULS
11067 (C)	11171	Linear Combination	ULS
11068 (C)	11172	Linear Combination	ULS
11069 (C)	11173	Linear Combination	ULS
11070 (C)	11174	Linear Combination	ULS
11071 (C)	11175	Linear Combination	ULS
11072 (C)	11176	Linear Combination	ULS
11073 (C)	11177	Linear Combination	ULS
11074 (C)	11178	Linear Combination	ULS
11075 (C)	11179	Linear Combination	ULS
11076 (C)	11180	Linear Combination	ULS
11077 (C)	11181	Linear Combination	ULS
11078 (C)	11182	Linear Combination	ULS
11079 (C)	11183	Linear Combination	ULS
11080 (C)	11184	Linear Combination	ULS
11081 (C)	11185	Linear Combination	ULS
11082 (C)	11186	Linear Combination	ULS
11083 (C)	11187	Linear Combination	ULS
11084 (C)	11188	Linear Combination	ULS
11085 (C)	11189	Linear Combination	ULS
11086 (C)	11190	Linear Combination	ULS
11087 (C)	11191	Linear Combination	ULS
11088 (C)	11192	Linear Combination	ULS
11089 (C)	11193	Linear Combination	ULS
11090 (C)	11194	Linear Combination	ULS
11091 (C)	11195	Linear Combination	ULS
11092 (C)	11196	Linear Combination	ULS
11093 (C)	11197	Linear Combination	ULS
11094 (C)	11198	Linear Combination	ULS
11095 (C)	11199	Linear Combination	ULS
11096 (C)	11200	Linear Combination	ULS
11097 (C)	11201	Linear Combination	ULS
11098 (C)	11202	Linear Combination	ULS
11099 (C)	11203	Linear Combination	ULS
11100 (C)	11204	Linear Combination	ULS
11101 (C)	11205	Linear Combination	ULS
11102 (C)	11206	Linear Combination	ULS
11103 (C)	11207	Linear Combination	ULS
11104 (C)	11208	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11105 (C)	11209	Linear Combination	ULS
11106 (C)	11210	Linear Combination	ULS
11107 (C)	11211	Linear Combination	ULS
11108 (C)	11212	Linear Combination	ULS
11109 (C)	11213	Linear Combination	ULS
11110 (C)	11214	Linear Combination	ULS
11111 (C)	11215	Linear Combination	ULS
11112 (C)	11216	Linear Combination	ULS
11113 (C)	11217	Linear Combination	ULS
11114 (C)	11218	Linear Combination	ULS
11115 (C)	11219	Linear Combination	ULS
11116 (C)	11220	Linear Combination	ULS
11117 (C)	11221	Linear Combination	ULS
11118 (C)	11222	Linear Combination	ULS
11119 (C)	11223	Linear Combination	ULS
11120 (C)	11224	Linear Combination	ULS
11121 (C)	11225	Linear Combination	ULS
11122 (C)	11226	Linear Combination	ULS
11123 (C)	11227	Linear Combination	ULS
11124 (C)	11228	Linear Combination	ULS
11125 (C)	11229	Linear Combination	ULS
11126 (C)	11230	Linear Combination	ULS
11127 (C)	11231	Linear Combination	ULS
11128 (C)	11232	Linear Combination	ULS
11129 (C)	11233	Linear Combination	ULS
11130 (C)	11234	Linear Combination	ULS
11131 (C)	11235	Linear Combination	ULS
11132 (C)	11236	Linear Combination	ULS
11133 (C)	11237	Linear Combination	ULS
11134 (C)	11238	Linear Combination	ULS
11135 (C)	11239	Linear Combination	ULS
11136 (C)	11240	Linear Combination	ULS
11137 (C)	11241	Linear Combination	ULS
11138 (C)	11242	Linear Combination	ULS
11139 (C)	11243	Linear Combination	ULS
11140 (C)	11244	Linear Combination	ULS
11141 (C)	11245	Linear Combination	ULS
11142 (C)	11246	Linear Combination	ULS
11143 (C)	11247	Linear Combination	ULS
11144 (C)	11248	Linear Combination	ULS
11145 (C)	11249	Linear Combination	ULS
11146 (C)	11250	Linear Combination	ULS
11147 (C)	11251	Linear Combination	ULS
11148 (C)	11252	Linear Combination	ULS
11149 (C)	11253	Linear Combination	ULS
11150 (C)	11254	Linear Combination	ULS
11151 (C)	11255	Linear Combination	ULS
11152 (C)	11256	Linear Combination	ULS
11153 (C)	11257	Linear Combination	ULS
11154 (C)	11258	Linear Combination	ULS
11155 (C)	11259	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11156 (C)	11260	Linear Combination	ULS
11157 (C)	11261	Linear Combination	ULS
11158 (C)	11262	Linear Combination	ULS
11159 (C)	11263	Linear Combination	ULS
11160 (C)	11264	Linear Combination	ULS
11161 (C)	11265	Linear Combination	ULS
11162 (C)	11266	Linear Combination	ULS
11163 (C)	11267	Linear Combination	ULS
11164 (C)	11268	Linear Combination	ULS
11165 (C)	11269	Linear Combination	ULS
11166 (C)	11270	Linear Combination	ULS
11167 (C)	11271	Linear Combination	ULS
11168 (C)	11272	Linear Combination	ULS
11169 (C)	11273	Linear Combination	ULS
11170 (C)	11274	Linear Combination	ULS
11171 (C)	11275	Linear Combination	ULS
11172 (C)	11276	Linear Combination	ULS
11173 (C)	11277	Linear Combination	ULS
11174 (C)	11278	Linear Combination	ULS
11175 (C)	11279	Linear Combination	ULS
11176 (C)	11280	Linear Combination	ULS
11177 (C)	11281	Linear Combination	ULS
11178 (C)	11282	Linear Combination	ULS
11179 (C)	11283	Linear Combination	ULS
11180 (C)	11284	Linear Combination	ULS
11181 (C)	11285	Linear Combination	ULS
11182 (C)	11286	Linear Combination	ULS
11183 (C)	11287	Linear Combination	ULS
11184 (C)	11288	Linear Combination	ULS
11185 (C)	11289	Linear Combination	ULS
11186 (C)	11290	Linear Combination	ULS
11187 (C)	11291	Linear Combination	ULS
11188 (C)	11292	Linear Combination	ULS
11189 (C)	11293	Linear Combination	ULS
11190 (C)	11294	Linear Combination	ULS
11191 (C)	11295	Linear Combination	ULS
11192 (C)	11296	Linear Combination	ULS
11193 (C)	11297	Linear Combination	ULS
11194 (C)	11298	Linear Combination	ULS
11195 (C)	11299	Linear Combination	ULS
11196 (C)	11300	Linear Combination	ULS
11197 (C)	11301	Linear Combination	ULS
11198 (C)	11302	Linear Combination	ULS
11199 (C)	11303	Linear Combination	ULS
11200 (C)	11304	Linear Combination	ULS
11201 (C)	11305	Linear Combination	ULS
11202 (C)	11306	Linear Combination	ULS
11203 (C)	11307	Linear Combination	ULS
11204 (C)	11308	Linear Combination	ULS
11205 (C)	11309	Linear Combination	ULS
11206 (C)	11310	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11207 (C)	11311	Linear Combination	ULS
11208 (C)	11312	Linear Combination	ULS
11209 (C)	11313	Linear Combination	ULS
11210 (C)	11314	Linear Combination	ULS
11211 (C)	11315	Linear Combination	ULS
11212 (C)	11316	Linear Combination	ULS
11213 (C)	11317	Linear Combination	ULS
11214 (C)	11318	Linear Combination	ULS
11215 (C)	11319	Linear Combination	ULS
11216 (C)	11320	Linear Combination	ULS
11217 (C)	11321	Linear Combination	ULS
11218 (C)	11322	Linear Combination	ULS
11219 (C)	11323	Linear Combination	ULS
11220 (C)	11324	Linear Combination	ULS
11221 (C)	11325	Linear Combination	ULS
11222 (C)	11326	Linear Combination	ULS
11223 (C)	11327	Linear Combination	ULS
11224 (C)	11328	Linear Combination	ULS
11225 (C)	11329	Linear Combination	ULS
11226 (C)	11330	Linear Combination	ULS
11227 (C)	11331	Linear Combination	ULS
11228 (C)	11332	Linear Combination	ULS
11229 (C)	11333	Linear Combination	ULS
11230 (C)	11334	Linear Combination	ULS
11231 (C)	11335	Linear Combination	ULS
11232 (C)	11336	Linear Combination	ULS
11233 (C)	11337	Linear Combination	ULS
11234 (C)	11338	Linear Combination	ULS
11235 (C)	11339	Linear Combination	ULS
11236 (C)	11340	Linear Combination	ULS
11237 (C)	11341	Linear Combination	ULS
11238 (C)	11342	Linear Combination	ULS
11239 (C)	11343	Linear Combination	ULS
11240 (C)	11344	Linear Combination	ULS
11241 (C)	11345	Linear Combination	ULS
11242 (C)	11346	Linear Combination	ULS
11243 (C)	11347	Linear Combination	ULS
11244 (C)	11348	Linear Combination	ULS
11245 (C)	11349	Linear Combination	ULS
11246 (C)	11350	Linear Combination	ULS
11247 (C)	11351	Linear Combination	ULS
11248 (C)	11352	Linear Combination	ULS
11249 (C)	11353	Linear Combination	ULS
11250 (C)	11354	Linear Combination	ULS
11251 (C)	11355	Linear Combination	ULS
11252 (C)	11356	Linear Combination	ULS
11253 (C)	11357	Linear Combination	ULS
11254 (C)	11358	Linear Combination	ULS
11255 (C)	11359	Linear Combination	ULS
11256 (C)	11360	Linear Combination	ULS
11257 (C)	11361	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11258 (C)	11362	Linear Combination	ULS
11259 (C)	11363	Linear Combination	ULS
11260 (C)	11364	Linear Combination	ULS
11261 (C)	11365	Linear Combination	ULS
11262 (C)	11366	Linear Combination	ULS
11263 (C)	11367	Linear Combination	ULS
11264 (C)	11368	Linear Combination	ULS
11265 (C)	11369	Linear Combination	ULS
11266 (C)	11370	Linear Combination	ULS
11267 (C)	11371	Linear Combination	ULS
11268 (C)	11372	Linear Combination	ULS
11269 (C)	11373	Linear Combination	ULS
11270 (C)	11374	Linear Combination	ULS
11271 (C)	11375	Linear Combination	ULS
11272 (C)	11376	Linear Combination	ULS
11273 (C)	11377	Linear Combination	ULS
11274 (C)	11378	Linear Combination	ULS
11275 (C)	11379	Linear Combination	ULS
11276 (C)	11380	Linear Combination	ULS
11277 (C)	11381	Linear Combination	ULS
11278 (C)	11382	Linear Combination	ULS
11279 (C)	11383	Linear Combination	ULS
11280 (C)	11384	Linear Combination	ULS
11281 (C)	11385	Linear Combination	ULS
11282 (C)	11386	Linear Combination	ULS
11283 (C)	11387	Linear Combination	ULS
11284 (C)	11388	Linear Combination	ULS
11285 (C)	11389	Linear Combination	ULS
11286 (C)	11390	Linear Combination	ULS
11287 (C)	11391	Linear Combination	ULS
11288 (C)	11392	Linear Combination	ULS
11289 (C)	11393	Linear Combination	ULS
11290 (C)	11394	Linear Combination	ULS
11291 (C)	11395	Linear Combination	ULS
11292 (C)	11396	Linear Combination	ULS
11293 (C)	11397	Linear Combination	ULS
11294 (C)	11398	Linear Combination	ULS
11295 (C)	11399	Linear Combination	ULS
11296 (C)	11400	Linear Combination	ULS
11297 (C)	11401	Linear Combination	ULS
11298 (C)	11402	Linear Combination	ULS
11299 (C)	11403	Linear Combination	ULS
11300 (C)	11404	Linear Combination	ULS
11301 (C)	11405	Linear Combination	ULS
11302 (C)	11406	Linear Combination	ULS
11303 (C)	11407	Linear Combination	ULS
11304 (C)	11408	Linear Combination	ULS
11305 (C)	11409	Linear Combination	ULS
11306 (C)	11410	Linear Combination	ULS
11307 (C)	11411	Linear Combination	ULS
11308 (C)	11412	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11309 (C)	11413	Linear Combination	ULS
11310 (C)	11414	Linear Combination	ULS
11311 (C)	11415	Linear Combination	ULS
11312 (C)	11416	Linear Combination	ULS
11313 (C)	11417	Linear Combination	ULS
11314 (C)	11418	Linear Combination	ULS
11315 (C)	11419	Linear Combination	ULS
11316 (C)	11420	Linear Combination	ULS
11317 (C)	11421	Linear Combination	ULS
11318 (C)	11422	Linear Combination	ULS
11319 (C)	11423	Linear Combination	ULS
11320 (C)	11424	Linear Combination	ULS
11321 (C)	11425	Linear Combination	ULS
11322 (C)	11426	Linear Combination	ULS
11323 (C)	11427	Linear Combination	ULS
11324 (C)	11428	Linear Combination	ULS
11325 (C)	11429	Linear Combination	ULS
11326 (C)	11430	Linear Combination	ULS
11327 (C)	11431	Linear Combination	ULS
11328 (C)	11432	Linear Combination	ULS
11329 (C)	11433	Linear Combination	ULS
11330 (C)	11434	Linear Combination	ULS
11331 (C)	11435	Linear Combination	ULS
11332 (C)	11436	Linear Combination	ULS
11333 (C)	11437	Linear Combination	ULS
11334 (C)	11438	Linear Combination	ULS
11335 (C)	11439	Linear Combination	ULS
11336 (C)	11440	Linear Combination	ULS
11337 (C)	11441	Linear Combination	ULS
11338 (C)	11442	Linear Combination	ULS
11339 (C)	11443	Linear Combination	ULS
11340 (C)	11444	Linear Combination	ULS
11341 (C)	11445	Linear Combination	ULS
11342 (C)	11446	Linear Combination	ULS
11343 (C)	11447	Linear Combination	ULS
11344 (C)	11448	Linear Combination	ULS
11345 (C)	11449	Linear Combination	ULS
11346 (C)	11450	Linear Combination	ULS
11347 (C)	11451	Linear Combination	ULS
11348 (C)	11452	Linear Combination	ULS
11349 (C)	11453	Linear Combination	ULS
11350 (C)	11454	Linear Combination	ULS
11351 (C)	11455	Linear Combination	ULS
11352 (C)	11456	Linear Combination	ULS
11353 (C)	11457	Linear Combination	ULS
11354 (C)	11458	Linear Combination	ULS
11355 (C)	11459	Linear Combination	ULS
11356 (C)	11460	Linear Combination	ULS
11357 (C)	11461	Linear Combination	ULS
11358 (C)	11462	Linear Combination	ULS
11359 (C)	11463	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11360 (C)	11464	Linear Combination	ULS
11361 (C)	11465	Linear Combination	ULS
11362 (C)	11466	Linear Combination	ULS
11363 (C)	11467	Linear Combination	ULS
11364 (C)	11468	Linear Combination	ULS
11365 (C)	11469	Linear Combination	ULS
11366 (C)	11470	Linear Combination	ULS
11367 (C)	11471	Linear Combination	ULS
11368 (C)	11472	Linear Combination	ULS
11369 (C)	11473	Linear Combination	ULS
11370 (C)	11474	Linear Combination	ULS
11371 (C)	11475	Linear Combination	ULS
11372 (C)	11476	Linear Combination	ULS
11373 (C)	11477	Linear Combination	ULS
11374 (C)	11478	Linear Combination	ULS
11375 (C)	11479	Linear Combination	ULS
11376 (C)	11480	Linear Combination	ULS
11377 (C)	11481	Linear Combination	ULS
11378 (C)	11482	Linear Combination	ULS
11379 (C)	11483	Linear Combination	ULS
11380 (C)	11484	Linear Combination	ULS
11381 (C)	11485	Linear Combination	ULS
11382 (C)	11486	Linear Combination	ULS
11383 (C)	11487	Linear Combination	ULS
11384 (C)	11488	Linear Combination	ULS
11385 (C)	11489	Linear Combination	ULS
11386 (C)	11490	Linear Combination	ULS
11387 (C)	11491	Linear Combination	ULS
11388 (C)	11492	Linear Combination	ULS
11389 (C)	11493	Linear Combination	ULS
11390 (C)	11494	Linear Combination	ULS
11391 (C)	11495	Linear Combination	ULS
11392 (C)	11496	Linear Combination	ULS
11393 (C)	11497	Linear Combination	ULS
11394 (C)	11498	Linear Combination	ULS
11395 (C)	11499	Linear Combination	ULS
11396 (C)	11500	Linear Combination	ULS
11397 (C)	11501	Linear Combination	ULS
11398 (C)	11502	Linear Combination	ULS
11399 (C)	11503	Linear Combination	ULS
11400 (C)	11504	Linear Combination	ULS
11401 (C)	11505	Linear Combination	ULS
11402 (C)	11506	Linear Combination	ULS
11403 (C)	11507	Linear Combination	ULS
11404 (C)	11508	Linear Combination	ULS
11405 (C)	11509	Linear Combination	ULS
11406 (C)	11510	Linear Combination	ULS
11407 (C)	11511	Linear Combination	ULS
11408 (C)	11512	Linear Combination	ULS
11409 (C)	11513	Linear Combination	ULS
11410 (C)	11514	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11411 (C)	11515	Linear Combination	ULS
11412 (C)	11516	Linear Combination	ULS
11413 (C)	11517	Linear Combination	ULS
11414 (C)	11518	Linear Combination	ULS
11415 (C)	11519	Linear Combination	ULS
11416 (C)	11520	Linear Combination	ULS
11417 (C)	11521	Linear Combination	ULS
11418 (C)	11522	Linear Combination	ULS
11419 (C)	11523	Linear Combination	ULS
11420 (C)	11524	Linear Combination	ULS
11421 (C)	11525	Linear Combination	ULS
11422 (C)	11526	Linear Combination	ULS
11423 (C)	11527	Linear Combination	ULS
11424 (C)	11528	Linear Combination	ULS
11425 (C)	11529	Linear Combination	ULS
11426 (C)	11530	Linear Combination	ULS
11427 (C)	11531	Linear Combination	ULS
11428 (C)	11532	Linear Combination	ULS
11429 (C)	11533	Linear Combination	ULS
11430 (C)	11534	Linear Combination	ULS
11431 (C)	11535	Linear Combination	ULS
11432 (C)	11536	Linear Combination	ULS
11433 (C)	11537	Linear Combination	ULS
11434 (C)	11538	Linear Combination	ULS
11435 (C)	11539	Linear Combination	ULS
11436 (C)	11540	Linear Combination	ULS
11437 (C)	11541	Linear Combination	ULS
11438 (C)	11542	Linear Combination	ULS
11439 (C)	11543	Linear Combination	ULS
11440 (C)	11544	Linear Combination	ULS
11441 (C)	11545	Linear Combination	ULS
11442 (C)	11546	Linear Combination	ULS
11443 (C)	11547	Linear Combination	ULS
11444 (C)	11548	Linear Combination	ULS
11445 (C)	11549	Linear Combination	ULS
11446 (C)	11550	Linear Combination	ULS
11447 (C)	11551	Linear Combination	ULS
11448 (C)	11552	Linear Combination	ULS
11449 (C)	11553	Linear Combination	ULS
11450 (C)	11554	Linear Combination	ULS
11451 (C)	11555	Linear Combination	ULS
11452 (C)	11556	Linear Combination	ULS
11453 (C)	11557	Linear Combination	ULS
11454 (C)	11558	Linear Combination	ULS
11455 (C)	11559	Linear Combination	ULS
11456 (C)	11560	Linear Combination	ULS
11457 (C)	11561	Linear Combination	ULS
11458 (C)	11562	Linear Combination	ULS
11459 (C)	11563	Linear Combination	ULS
11460 (C)	11564	Linear Combination	ULS
11461 (C)	11565	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11462 (C)	11566	Linear Combination	ULS
11463 (C)	11567	Linear Combination	ULS
11464 (C)	11568	Linear Combination	ULS
11465 (C)	11569	Linear Combination	ULS
11466 (C)	11570	Linear Combination	ULS
11467 (C)	11571	Linear Combination	ULS
11468 (C)	11572	Linear Combination	ULS
11469 (C)	11573	Linear Combination	ULS
11470 (C)	11574	Linear Combination	ULS
11471 (C)	11575	Linear Combination	ULS
11472 (C)	11576	Linear Combination	ULS
11473 (C)	11577	Linear Combination	ULS
11474 (C)	11578	Linear Combination	ULS
11475 (C)	11579	Linear Combination	ULS
11476 (C)	11580	Linear Combination	ULS
11477 (C)	11581	Linear Combination	ULS
11478 (C)	11582	Linear Combination	ULS
11479 (C)	11583	Linear Combination	ULS
11480 (C)	11584	Linear Combination	ULS
11481 (C)	11585	Linear Combination	ULS
11482 (C)	11586	Linear Combination	ULS
11483 (C)	11587	Linear Combination	ULS
11484 (C)	11588	Linear Combination	ULS
11485 (C)	11589	Linear Combination	ULS
11486 (C)	11590	Linear Combination	ULS
11487 (C)	11591	Linear Combination	ULS
11488 (C)	11592	Linear Combination	ULS
11489 (C)	11593	Linear Combination	ULS
11490 (C)	11594	Linear Combination	ULS
11491 (C)	11595	Linear Combination	ULS
11492 (C)	11596	Linear Combination	ULS
11493 (C)	11597	Linear Combination	ULS
11494 (C)	11598	Linear Combination	ULS
11495 (C)	11599	Linear Combination	ULS
11496 (C)	11600	Linear Combination	ULS
11497 (C)	11601	Linear Combination	ULS
11498 (C)	11602	Linear Combination	ULS
11499 (C)	11603	Linear Combination	ULS
11500 (C)	11604	Linear Combination	ULS
11501 (C)	11605	Linear Combination	ULS
11502 (C)	11606	Linear Combination	ULS
11503 (C)	11607	Linear Combination	ULS
11504 (C)	11608	Linear Combination	ULS
11505 (C)	11609	Linear Combination	ULS
11506 (C)	11610	Linear Combination	ULS
11507 (C)	11611	Linear Combination	ULS
11508 (C)	11612	Linear Combination	ULS
11509 (C)	11613	Linear Combination	ULS
11510 (C)	11614	Linear Combination	ULS
11511 (C)	11615	Linear Combination	ULS
11512 (C)	11616	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11513 (C)	11617	Linear Combination	ULS
11514 (C)	11618	Linear Combination	ULS
11515 (C)	11619	Linear Combination	ULS
11516 (C)	11620	Linear Combination	ULS
11517 (C)	11621	Linear Combination	ULS
11518 (C)	11622	Linear Combination	ULS
11519 (C)	11623	Linear Combination	ULS
11520 (C)	11624	Linear Combination	ULS
11521 (C)	11625	Linear Combination	ULS
11522 (C)	11626	Linear Combination	ULS
11523 (C)	11627	Linear Combination	ULS
11524 (C)	11628	Linear Combination	ULS
11525 (C)	11629	Linear Combination	ULS
11526 (C)	11630	Linear Combination	ULS
11527 (C)	11631	Linear Combination	ULS
11528 (C)	11632	Linear Combination	ULS
11529 (C)	11633	Linear Combination	ULS
11530 (C)	11634	Linear Combination	ULS
11531 (C)	11635	Linear Combination	ULS
11532 (C)	11636	Linear Combination	ULS
11533 (C)	11637	Linear Combination	ULS
11534 (C)	11638	Linear Combination	ULS
11535 (C)	11639	Linear Combination	ULS
11536 (C)	11640	Linear Combination	ULS
11537 (C)	11641	Linear Combination	ULS
11538 (C)	11642	Linear Combination	ULS
11539 (C)	11643	Linear Combination	ULS
11540 (C)	11644	Linear Combination	ULS
11541 (C)	11645	Linear Combination	ULS
11542 (C)	11646	Linear Combination	ULS
11543 (C)	11647	Linear Combination	ULS
11544 (C)	11648	Linear Combination	ULS
11545 (C)	11649	Linear Combination	ULS
11546 (C)	11650	Linear Combination	ULS
11547 (C)	11651	Linear Combination	ULS
11548 (C)	11652	Linear Combination	ULS
11549 (C)	11653	Linear Combination	ULS
11550 (C)	11654	Linear Combination	ULS
11551 (C)	11655	Linear Combination	ULS
11552 (C)	11656	Linear Combination	ULS
11553 (C)	11657	Linear Combination	ULS
11554 (C)	11658	Linear Combination	ULS
11555 (C)	11659	Linear Combination	ULS
11556 (C)	11660	Linear Combination	ULS
11557 (C)	11661	Linear Combination	ULS
11558 (C)	11662	Linear Combination	ULS
11559 (C)	11663	Linear Combination	ULS
11560 (C)	11664	Linear Combination	ULS
11561 (C)	11665	Linear Combination	ULS
11562 (C)	11666	Linear Combination	ULS
11563 (C)	11667	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11564 (C)	11668	Linear Combination	ULS
11565 (C)	11669	Linear Combination	ULS
11566 (C)	11670	Linear Combination	ULS
11567 (C)	11671	Linear Combination	ULS
11568 (C)	11672	Linear Combination	ULS
11569 (C)	11673	Linear Combination	ULS
11570 (C)	11674	Linear Combination	ULS
11571 (C)	11675	Linear Combination	ULS
11572 (C)	11676	Linear Combination	ULS
11573 (C)	11677	Linear Combination	ULS
11574 (C)	11678	Linear Combination	ULS
11575 (C)	11679	Linear Combination	ULS
11576 (C)	11680	Linear Combination	ULS
11577 (C)	11681	Linear Combination	ULS
11578 (C)	11682	Linear Combination	ULS
11579 (C)	11683	Linear Combination	ULS
11580 (C)	11684	Linear Combination	ULS
11581 (C)	11685	Linear Combination	ULS
11582 (C)	11686	Linear Combination	ULS
11583 (C)	11687	Linear Combination	ULS
11584 (C)	11688	Linear Combination	ULS
11585 (C)	11689	Linear Combination	ULS
11586 (C)	11690	Linear Combination	ULS
11587 (C)	11691	Linear Combination	ULS
11588 (C)	11692	Linear Combination	ULS
11589 (C)	11693	Linear Combination	ULS
11590 (C)	11694	Linear Combination	ULS
11591 (C)	11695	Linear Combination	ULS
11592 (C)	11696	Linear Combination	ULS
11593 (C)	11697	Linear Combination	ULS
11594 (C)	11698	Linear Combination	ULS
11595 (C)	11699	Linear Combination	ULS
11596 (C)	11700	Linear Combination	ULS
11597 (C)	11701	Linear Combination	ULS
11598 (C)	11702	Linear Combination	ULS
11599 (C)	11703	Linear Combination	ULS
11600 (C)	11704	Linear Combination	ULS
11601 (C)	11705	Linear Combination	ULS
11602 (C)	11706	Linear Combination	ULS
11603 (C)	11707	Linear Combination	ULS
11604 (C)	11708	Linear Combination	ULS
11605 (C)	11709	Linear Combination	ULS
11606 (C)	11710	Linear Combination	ULS
11607 (C)	11711	Linear Combination	ULS
11608 (C)	11712	Linear Combination	ULS
11609 (C)	11713	Linear Combination	ULS
11610 (C)	11714	Linear Combination	ULS
11611 (C)	11715	Linear Combination	ULS
11612 (C)	11716	Linear Combination	ULS
11613 (C)	11717	Linear Combination	ULS
11614 (C)	11718	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11615 (C)	11719	Linear Combination	ULS
11616 (C)	11720	Linear Combination	ULS
11617 (C)	11721	Linear Combination	ULS
11618 (C)	11722	Linear Combination	ULS
11619 (C)	11723	Linear Combination	ULS
11620 (C)	11724	Linear Combination	ULS
11621 (C)	11725	Linear Combination	ULS
11622 (C)	11726	Linear Combination	ULS
11623 (C)	11727	Linear Combination	ULS
11624 (C)	11728	Linear Combination	ULS
11625 (C)	11729	Linear Combination	ULS
11626 (C)	11730	Linear Combination	ULS
11627 (C)	11731	Linear Combination	ULS
11628 (C)	11732	Linear Combination	ULS
11629 (C)	11733	Linear Combination	ULS
11630 (C)	11734	Linear Combination	ULS
11631 (C)	11735	Linear Combination	ULS
11632 (C)	11736	Linear Combination	ULS
11633 (C)	11737	Linear Combination	ULS
11634 (C)	11738	Linear Combination	ULS
11635 (C)	11739	Linear Combination	ULS
11636 (C)	11740	Linear Combination	ULS
11637 (C)	11741	Linear Combination	ULS
11638 (C)	11742	Linear Combination	ULS
11639 (C)	11743	Linear Combination	ULS
11640 (C)	11744	Linear Combination	ULS
11641 (C)	11745	Linear Combination	ULS
11642 (C)	11746	Linear Combination	ULS
11643 (C)	11747	Linear Combination	ULS
11644 (C)	11748	Linear Combination	ULS
11645 (C)	11749	Linear Combination	ULS
11646 (C)	11750	Linear Combination	ULS
11647 (C)	11751	Linear Combination	ULS
11648 (C)	11752	Linear Combination	ULS
11649 (C)	11753	Linear Combination	ULS
11650 (C)	11754	Linear Combination	ULS
11651 (C)	11755	Linear Combination	ULS
11652 (C)	11756	Linear Combination	ULS
11653 (C)	11757	Linear Combination	ULS
11654 (C)	11758	Linear Combination	ULS
11655 (C)	11759	Linear Combination	ULS
11656 (C)	11760	Linear Combination	ULS
11657 (C)	11761	Linear Combination	ULS
11658 (C)	11762	Linear Combination	ULS
11659 (C)	11763	Linear Combination	ULS
11660 (C)	11764	Linear Combination	ULS
11661 (C)	11765	Linear Combination	ULS
11662 (C)	11766	Linear Combination	ULS
11663 (C)	11767	Linear Combination	ULS
11664 (C)	11768	Linear Combination	ULS
11665 (C)	11769	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11666 (C)	11770	Linear Combination	ULS
11667 (C)	11771	Linear Combination	ULS
11668 (C)	11772	Linear Combination	ULS
11669 (C)	11773	Linear Combination	ULS
11670 (C)	11774	Linear Combination	ULS
11671 (C)	11775	Linear Combination	ULS
11672 (C)	11776	Linear Combination	ULS
11673 (C)	11777	Linear Combination	ULS
11674 (C)	11778	Linear Combination	ULS
11675 (C)	11779	Linear Combination	ULS
11676 (C)	11780	Linear Combination	ULS
11677 (C)	11781	Linear Combination	ULS
11678 (C)	11782	Linear Combination	ULS
11679 (C)	11783	Linear Combination	ULS
11680 (C)	11784	Linear Combination	ULS
11681 (C)	11785	Linear Combination	ULS
11682 (C)	11786	Linear Combination	ULS
11683 (C)	11787	Linear Combination	ULS
11684 (C)	11788	Linear Combination	ULS
11685 (C)	11789	Linear Combination	ULS
11686 (C)	11790	Linear Combination	ULS
11687 (C)	11791	Linear Combination	ULS
11688 (C)	11792	Linear Combination	ULS
11689 (C)	11793	Linear Combination	ULS
11690 (C)	11794	Linear Combination	ULS
11691 (C)	11795	Linear Combination	ULS
11692 (C)	11796	Linear Combination	ULS
11693 (C)	11797	Linear Combination	ULS
11694 (C)	11798	Linear Combination	ULS
11695 (C)	11799	Linear Combination	ULS
11696 (C)	11800	Linear Combination	ULS
11697 (C)	11801	Linear Combination	ULS
11698 (C)	11802	Linear Combination	ULS
11699 (C)	11803	Linear Combination	ULS
11700 (C)	11804	Linear Combination	ULS
11701 (C)	11805	Linear Combination	ULS
11702 (C)	11806	Linear Combination	ULS
11703 (C)	11807	Linear Combination	ULS
11704 (C)	11808	Linear Combination	ULS
11705 (C)	11809	Linear Combination	ULS
11706 (C)	11810	Linear Combination	ULS
11707 (C)	11811	Linear Combination	ULS
11708 (C)	11812	Linear Combination	ULS
11709 (C)	11813	Linear Combination	ULS
11710 (C)	11814	Linear Combination	ULS
11711 (C)	11815	Linear Combination	ULS
11712 (C)	11816	Linear Combination	ULS
11713 (C)	11817	Linear Combination	ULS
11714 (C)	11818	Linear Combination	ULS
11715 (C)	11819	Linear Combination	ULS
11716 (C)	11820	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11717 (C)	11821	Linear Combination	ULS
11718 (C)	11822	Linear Combination	ULS
11719 (C)	11823	Linear Combination	ULS
11720 (C)	11824	Linear Combination	ULS
11721 (C)	11825	Linear Combination	ULS
11722 (C)	11826	Linear Combination	ULS
11723 (C)	11827	Linear Combination	ULS
11724 (C)	11828	Linear Combination	ULS
11725 (C)	11829	Linear Combination	ULS
11726 (C)	11830	Linear Combination	ULS
11727 (C)	11831	Linear Combination	ULS
11728 (C)	11832	Linear Combination	ULS
11729 (C)	11833	Linear Combination	ULS
11730 (C)	11834	Linear Combination	ULS
11731 (C)	11835	Linear Combination	ULS
11732 (C)	11836	Linear Combination	ULS
11733 (C)	11837	Linear Combination	ULS
11734 (C)	11838	Linear Combination	ULS
11735 (C)	11839	Linear Combination	ULS
11736 (C)	11840	Linear Combination	ULS
11737 (C)	11841	Linear Combination	ULS
11738 (C)	11842	Linear Combination	ULS
11739 (C)	11843	Linear Combination	ULS
11740 (C)	11844	Linear Combination	ULS
11741 (C)	11845	Linear Combination	ULS
11742 (C)	11846	Linear Combination	ULS
11743 (C)	11847	Linear Combination	ULS
11744 (C)	11848	Linear Combination	ULS
11745 (C)	11849	Linear Combination	ULS
11746 (C)	11850	Linear Combination	ULS
11747 (C)	11851	Linear Combination	ULS
11748 (C)	11852	Linear Combination	ULS
11749 (C)	11853	Linear Combination	ULS
11750 (C)	11854	Linear Combination	ULS
11751 (C)	11855	Linear Combination	ULS
11752 (C)	11856	Linear Combination	ULS
11753 (C)	11857	Linear Combination	ULS
11754 (C)	11858	Linear Combination	ULS
11755 (C)	11859	Linear Combination	ULS
11756 (C)	11860	Linear Combination	ULS
11757 (C)	11861	Linear Combination	ULS
11758 (C)	11862	Linear Combination	ULS
11759 (C)	11863	Linear Combination	ULS
11760 (C)	11864	Linear Combination	ULS
11761 (C)	11865	Linear Combination	ULS
11762 (C)	11866	Linear Combination	ULS
11763 (C)	11867	Linear Combination	ULS
11764 (C)	11868	Linear Combination	ULS
11765 (C)	11869	Linear Combination	ULS
11766 (C)	11870	Linear Combination	ULS
11767 (C)	11871	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11768 (C)	11872	Linear Combination	ULS
11769 (C)	11873	Linear Combination	ULS
11770 (C)	11874	Linear Combination	ULS
11771 (C)	11875	Linear Combination	ULS
11772 (C)	11876	Linear Combination	ULS
11773 (C)	11877	Linear Combination	ULS
11774 (C)	11878	Linear Combination	ULS
11775 (C)	11879	Linear Combination	ULS
11776 (C)	11880	Linear Combination	ULS
11777 (C)	11881	Linear Combination	ULS
11778 (C)	11882	Linear Combination	ULS
11779 (C)	11883	Linear Combination	ULS
11780 (C)	11884	Linear Combination	ULS
11781 (C)	11885	Linear Combination	ULS
11782 (C)	11886	Linear Combination	ULS
11783 (C)	11887	Linear Combination	ULS
11784 (C)	11888	Linear Combination	ULS
11785 (C)	11889	Linear Combination	ULS
11786 (C)	11890	Linear Combination	ULS
11787 (C)	11891	Linear Combination	ULS
11788 (C)	11892	Linear Combination	ULS
11789 (C)	11893	Linear Combination	ULS
11790 (C)	11894	Linear Combination	ULS
11791 (C)	11895	Linear Combination	ULS
11792 (C)	11896	Linear Combination	ULS
11793 (C)	11897	Linear Combination	ULS
11794 (C)	11898	Linear Combination	ULS
11795 (C)	11899	Linear Combination	ULS
11796 (C)	11900	Linear Combination	ULS
11797 (C)	11901	Linear Combination	ULS
11798 (C)	11902	Linear Combination	ULS
11799 (C)	11903	Linear Combination	ULS
11800 (C)	11904	Linear Combination	ULS
11801 (C)	11905	Linear Combination	ULS
11802 (C)	11906	Linear Combination	ULS
11803 (C)	11907	Linear Combination	ULS
11804 (C)	11908	Linear Combination	ULS
11805 (C)	11909	Linear Combination	ULS
11806 (C)	11910	Linear Combination	ULS
11807 (C)	11911	Linear Combination	ULS
11808 (C)	11912	Linear Combination	ULS
11809 (C)	11913	Linear Combination	ULS
11810 (C)	11914	Linear Combination	ULS
11811 (C)	11915	Linear Combination	ULS
11812 (C)	11916	Linear Combination	ULS
11813 (C)	11917	Linear Combination	ULS
11814 (C)	11918	Linear Combination	ULS
11815 (C)	11919	Linear Combination	ULS
11816 (C)	11920	Linear Combination	ULS
11817 (C)	11921	Linear Combination	ULS
11818 (C)	11922	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11819 (C)	11923	Linear Combination	ULS
11820 (C)	11924	Linear Combination	ULS
11821 (C)	11925	Linear Combination	ULS
11822 (C)	11926	Linear Combination	ULS
11823 (C)	11927	Linear Combination	ULS
11824 (C)	11928	Linear Combination	ULS
11825 (C)	11929	Linear Combination	ULS
11826 (C)	11930	Linear Combination	ULS
11827 (C)	11931	Linear Combination	ULS
11828 (C)	11932	Linear Combination	ULS
11829 (C)	11933	Linear Combination	ULS
11830 (C)	11934	Linear Combination	ULS
11831 (C)	11935	Linear Combination	ULS
11832 (C)	11936	Linear Combination	ULS
11833 (C)	11937	Linear Combination	ULS
11834 (C)	11938	Linear Combination	ULS
11835 (C)	11939	Linear Combination	ULS
11836 (C)	11940	Linear Combination	ULS
11837 (C)	11941	Linear Combination	ULS
11838 (C)	11942	Linear Combination	ULS
11839 (C)	11943	Linear Combination	ULS
11840 (C)	11944	Linear Combination	ULS
11841 (C)	11945	Linear Combination	ULS
11842 (C)	11946	Linear Combination	ULS
11843 (C)	11947	Linear Combination	ULS
11844 (C)	11948	Linear Combination	ULS
11845 (C)	11949	Linear Combination	ULS
11846 (C)	11950	Linear Combination	ULS
11847 (C)	11951	Linear Combination	ULS
11848 (C)	11952	Linear Combination	ULS
11849 (C)	11953	Linear Combination	ULS
11850 (C)	11954	Linear Combination	ULS
11851 (C)	11955	Linear Combination	ULS
11852 (C)	11956	Linear Combination	ULS
11853 (C)	11957	Linear Combination	ULS
11854 (C)	11958	Linear Combination	ULS
11855 (C)	11959	Linear Combination	ULS
11856 (C)	11960	Linear Combination	ULS
11857 (C)	11961	Linear Combination	ULS
11858 (C)	11962	Linear Combination	ULS
11859 (C)	11963	Linear Combination	ULS
11860 (C)	11964	Linear Combination	ULS
11861 (C)	11965	Linear Combination	ULS
11862 (C)	11966	Linear Combination	ULS
11863 (C)	11967	Linear Combination	ULS
11864 (C)	11968	Linear Combination	ULS
11865 (C)	11969	Linear Combination	ULS
11866 (C)	11970	Linear Combination	ULS
11867 (C)	11971	Linear Combination	ULS
11868 (C)	11972	Linear Combination	ULS
11869 (C)	11973	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11870 (C)	11974	Linear Combination	ULS
11871 (C)	11975	Linear Combination	ULS
11872 (C)	11976	Linear Combination	ULS
11873 (C)	11977	Linear Combination	ULS
11874 (C)	11978	Linear Combination	ULS
11875 (C)	11979	Linear Combination	ULS
11876 (C)	11980	Linear Combination	ULS
11877 (C)	11981	Linear Combination	ULS
11878 (C)	11982	Linear Combination	ULS
11879 (C)	11983	Linear Combination	ULS
11880 (C)	11984	Linear Combination	ULS
11881 (C)	11985	Linear Combination	ULS
11882 (C)	11986	Linear Combination	ULS
11883 (C)	11987	Linear Combination	ULS
11884 (C)	11988	Linear Combination	ULS
11885 (C)	11989	Linear Combination	ULS
11886 (C)	11990	Linear Combination	ULS
11887 (C)	11991	Linear Combination	ULS
11888 (C)	11992	Linear Combination	ULS
11889 (C)	11993	Linear Combination	ULS
11890 (C)	11994	Linear Combination	ULS
11891 (C)	11995	Linear Combination	ULS
11892 (C)	11996	Linear Combination	ULS
11893 (C)	11997	Linear Combination	ULS
11894 (C)	11998	Linear Combination	ULS
11895 (C)	11999	Linear Combination	ULS
11896 (C)	12000	Linear Combination	ULS
11897 (C)	12001	Linear Combination	ULS
11898 (C)	12002	Linear Combination	ULS
11899 (C)	12003	Linear Combination	ULS
11900 (C)	12004	Linear Combination	ULS
11901 (C)	12005	Linear Combination	ULS
11902 (C)	12006	Linear Combination	ULS
11903 (C)	12007	Linear Combination	ULS
11904 (C)	12008	Linear Combination	ULS
11905 (C)	12009	Linear Combination	ULS
11906 (C)	12010	Linear Combination	ULS
11907 (C)	12011	Linear Combination	ULS
11908 (C)	12012	Linear Combination	ULS
11909 (C)	12013	Linear Combination	ULS
11910 (C)	12014	Linear Combination	ULS
11911 (C)	12015	Linear Combination	ULS
11912 (C)	12016	Linear Combination	ULS
11913 (C)	12017	Linear Combination	ULS
11914 (C)	12018	Linear Combination	ULS
11915 (C)	12019	Linear Combination	ULS
11916 (C)	12020	Linear Combination	ULS
11917 (C)	12021	Linear Combination	ULS
11918 (C)	12022	Linear Combination	ULS
11919 (C)	12023	Linear Combination	ULS
11920 (C)	12024	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11921 (C)	12025	Linear Combination	ULS
11922 (C)	12026	Linear Combination	ULS
11923 (C)	12027	Linear Combination	ULS
11924 (C)	12028	Linear Combination	ULS
11925 (C)	12029	Linear Combination	ULS
11926 (C)	12030	Linear Combination	ULS
11927 (C)	12031	Linear Combination	ULS
11928 (C)	12032	Linear Combination	ULS
11929 (C)	12033	Linear Combination	ULS
11930 (C)	12034	Linear Combination	ULS
11931 (C)	12035	Linear Combination	ULS
11932 (C)	12036	Linear Combination	ULS
11933 (C)	12037	Linear Combination	ULS
11934 (C)	12038	Linear Combination	ULS
11935 (C)	12039	Linear Combination	ULS
11936 (C)	12040	Linear Combination	ULS
11937 (C)	12041	Linear Combination	ULS
11938 (C)	12042	Linear Combination	ULS
11939 (C)	12043	Linear Combination	ULS
11940 (C)	12044	Linear Combination	ULS
11941 (C)	12045	Linear Combination	ULS
11942 (C)	12046	Linear Combination	ULS
11943 (C)	12047	Linear Combination	ULS
11944 (C)	12048	Linear Combination	ULS
11945 (C)	12049	Linear Combination	ULS
11946 (C)	12050	Linear Combination	ULS
11947 (C)	12051	Linear Combination	ULS
11948 (C)	12052	Linear Combination	ULS
11949 (C)	12053	Linear Combination	ULS
11950 (C)	12054	Linear Combination	ULS
11951 (C)	12055	Linear Combination	ULS
11952 (C)	12056	Linear Combination	ULS
11953 (C)	12057	Linear Combination	ULS
11954 (C)	12058	Linear Combination	ULS
11955 (C)	12059	Linear Combination	ULS
11956 (C)	12060	Linear Combination	ULS
11957 (C)	12061	Linear Combination	ULS
11958 (C)	12062	Linear Combination	ULS
11959 (C)	12063	Linear Combination	ULS
11960 (C)	12064	Linear Combination	ULS
11961 (C)	12065	Linear Combination	ULS
11962 (C)	12066	Linear Combination	ULS
11963 (C)	12067	Linear Combination	ULS
11964 (C)	12068	Linear Combination	ULS
11965 (C)	12069	Linear Combination	ULS
11966 (C)	12070	Linear Combination	ULS
11967 (C)	12071	Linear Combination	ULS
11968 (C)	12072	Linear Combination	ULS
11969 (C)	12073	Linear Combination	ULS
11970 (C)	12074	Linear Combination	ULS
11971 (C)	12075	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
11972 (C)	12076	Linear Combination	ULS
11973 (C)	12077	Linear Combination	ULS
11974 (C)	12078	Linear Combination	ULS
11975 (C)	12079	Linear Combination	ULS
11976 (C)	12080	Linear Combination	ULS
11977 (C)	12081	Linear Combination	ULS
11978 (C)	12082	Linear Combination	ULS
11979 (C)	12083	Linear Combination	ULS
11980 (C)	12084	Linear Combination	ULS
11981 (C)	12085	Linear Combination	ULS
11982 (C)	12086	Linear Combination	ULS
11983 (C)	12087	Linear Combination	ULS
11984 (C)	12088	Linear Combination	ULS
11985 (C)	12089	Linear Combination	ULS
11986 (C)	12090	Linear Combination	ULS
11987 (C)	12091	Linear Combination	ULS
11988 (C)	12092	Linear Combination	ULS
11989 (C)	12093	Linear Combination	ULS
11990 (C)	12094	Linear Combination	ULS
11991 (C)	12095	Linear Combination	ULS
11992 (C)	12096	Linear Combination	ULS
11993 (C)	12097	Linear Combination	ULS
11994 (C)	12098	Linear Combination	ULS
11995 (C)	12099	Linear Combination	ULS
11996 (C)	12100	Linear Combination	ULS
11997 (C)	12101	Linear Combination	ULS
11998 (C)	12102	Linear Combination	ULS
11999 (C)	12103	Linear Combination	ULS
12000 (C)	12104	Linear Combination	ULS
12001 (C)	12105	Linear Combination	ULS
12002 (C)	12106	Linear Combination	ULS
12003 (C)	12107	Linear Combination	ULS
12004 (C)	12108	Linear Combination	ULS
12005 (C)	12109	Linear Combination	ULS
12006 (C)	12110	Linear Combination	ULS
12007 (C)	12111	Linear Combination	ULS
12008 (C)	12112	Linear Combination	ULS
12009 (C)	12113	Linear Combination	ULS
12010 (C)	12114	Linear Combination	ULS
12011 (C)	12115	Linear Combination	ULS
12012 (C)	12116	Linear Combination	ULS
12013 (C)	12117	Linear Combination	ULS
12014 (C)	12118	Linear Combination	ULS
12015 (C)	12119	Linear Combination	ULS
12016 (C)	12120	Linear Combination	ULS
12017 (C)	12121	Linear Combination	ULS
12018 (C)	12122	Linear Combination	ULS
12019 (C)	12123	Linear Combination	ULS
12020 (C)	12124	Linear Combination	ULS
12021 (C)	12125	Linear Combination	ULS
12022 (C)	12126	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12023 (C)	12127	Linear Combination	ULS
12024 (C)	12128	Linear Combination	ULS
12025 (C)	12129	Linear Combination	ULS
12026 (C)	12130	Linear Combination	ULS
12027 (C)	12131	Linear Combination	ULS
12028 (C)	12132	Linear Combination	ULS
12029 (C)	12133	Linear Combination	ULS
12030 (C)	12134	Linear Combination	ULS
12031 (C)	12135	Linear Combination	ULS
12032 (C)	12136	Linear Combination	ULS
12033 (C)	12137	Linear Combination	ULS
12034 (C)	12138	Linear Combination	ULS
12035 (C)	12139	Linear Combination	ULS
12036 (C)	12140	Linear Combination	ULS
12037 (C)	12141	Linear Combination	ULS
12038 (C)	12142	Linear Combination	ULS
12039 (C)	12143	Linear Combination	ULS
12040 (C)	12144	Linear Combination	ULS
12041 (C)	12145	Linear Combination	ULS
12042 (C)	12146	Linear Combination	ULS
12043 (C)	12147	Linear Combination	ULS
12044 (C)	12148	Linear Combination	ULS
12045 (C)	12149	Linear Combination	ULS
12046 (C)	12150	Linear Combination	ULS
12047 (C)	12151	Linear Combination	ULS
12048 (C)	12152	Linear Combination	ULS
12049 (C)	12153	Linear Combination	ULS
12050 (C)	12154	Linear Combination	ULS
12051 (C)	12155	Linear Combination	ULS
12052 (C)	12156	Linear Combination	ULS
12053 (C)	12157	Linear Combination	ULS
12054 (C)	12158	Linear Combination	ULS
12055 (C)	12159	Linear Combination	ULS
12056 (C)	12160	Linear Combination	ULS
12057 (C)	12161	Linear Combination	ULS
12058 (C)	12162	Linear Combination	ULS
12059 (C)	12163	Linear Combination	ULS
12060 (C)	12164	Linear Combination	ULS
12061 (C)	12165	Linear Combination	ULS
12062 (C)	12166	Linear Combination	ULS
12063 (C)	12167	Linear Combination	ULS
12064 (C)	12168	Linear Combination	ULS
12065 (C)	12169	Linear Combination	ULS
12066 (C)	12170	Linear Combination	ULS
12067 (C)	12171	Linear Combination	ULS
12068 (C)	12172	Linear Combination	ULS
12069 (C)	12173	Linear Combination	ULS
12070 (C)	12174	Linear Combination	ULS
12071 (C)	12175	Linear Combination	ULS
12072 (C)	12176	Linear Combination	ULS
12073 (C)	12177	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
12074 (C)	12178	Linear Combination	ULS
12075 (C)	12179	Linear Combination	ULS
12076 (C)	12180	Linear Combination	ULS
12077 (C)	12181	Linear Combination	ULS
12078 (C)	12182	Linear Combination	ULS
12079 (C)	12183	Linear Combination	ULS
12080 (C)	12184	Linear Combination	ULS
12081 (C)	12185	Linear Combination	ULS
12082 (C)	12186	Linear Combination	ULS
12083 (C)	12187	Linear Combination	ULS
12084 (C)	12188	Linear Combination	ULS
12085 (C)	12189	Linear Combination	ULS
12086 (C)	12190	Linear Combination	ULS
12087 (C)	12191	Linear Combination	ULS
12088 (C)	12192	Linear Combination	ULS
12089 (C)	12193	Linear Combination	ULS
12090 (C)	12194	Linear Combination	ULS
12091 (C)	12195	Linear Combination	ULS
12092 (C)	12196	Linear Combination	ULS
12093 (C)	12197	Linear Combination	ULS
12094 (C)	12198	Linear Combination	ULS
12095 (C)	12199	Linear Combination	ULS
12096 (C)	12200	Linear Combination	ULS
12097 (C)	12201	Linear Combination	ULS
12098 (C)	12202	Linear Combination	ULS
12099 (C)	12203	Linear Combination	ULS
12100 (C)	12204	Linear Combination	ULS
12101 (C)	12205	Linear Combination	ULS
12102 (C)	12206	Linear Combination	ULS
12103 (C)	12207	Linear Combination	ULS
12104 (C)	12208	Linear Combination	ULS
12105 (C)	12209	Linear Combination	ULS
12106 (C)	12210	Linear Combination	ULS
12107 (C)	12211	Linear Combination	ULS
12108 (C)	12212	Linear Combination	ULS
12109 (C)	12213	Linear Combination	ULS
12110 (C)	12214	Linear Combination	ULS
12111 (C)	12215	Linear Combination	ULS
12112 (C)	12216	Linear Combination	ULS
12113 (C)	12217	Linear Combination	ULS
12114 (C)	12218	Linear Combination	ULS
12115 (C)	12219	Linear Combination	ULS
12116 (C)	12220	Linear Combination	ULS
12117 (C)	12221	Linear Combination	ULS
12118 (C)	12222	Linear Combination	ULS
12119 (C)	12223	Linear Combination	ULS
12120 (C)	12224	Linear Combination	ULS
12121 (C)	12225	Linear Combination	ULS
12122 (C)	12226	Linear Combination	ULS
12123 (C)	12227	Linear Combination	ULS
12124 (C)	12228	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12125 (C)	12229	Linear Combination	ULS
12126 (C)	12230	Linear Combination	ULS
12127 (C)	12231	Linear Combination	ULS
12128 (C)	12232	Linear Combination	ULS
12129 (C)	12233	Linear Combination	ULS
12130 (C)	12234	Linear Combination	ULS
12131 (C)	12235	Linear Combination	ULS
12132 (C)	12236	Linear Combination	ULS
12133 (C)	12237	Linear Combination	ULS
12134 (C)	12238	Linear Combination	ULS
12135 (C)	12239	Linear Combination	ULS
12136 (C)	12240	Linear Combination	ULS
12137 (C)	12241	Linear Combination	ULS
12138 (C)	12242	Linear Combination	ULS
12139 (C)	12243	Linear Combination	ULS
12140 (C)	12244	Linear Combination	ULS
12141 (C)	12245	Linear Combination	ULS
12142 (C)	12246	Linear Combination	ULS
12143 (C)	12247	Linear Combination	ULS
12144 (C)	12248	Linear Combination	ULS
12145 (C)	12249	Linear Combination	ULS
12146 (C)	12250	Linear Combination	ULS
12147 (C)	12251	Linear Combination	ULS
12148 (C)	12252	Linear Combination	ULS
12149 (C)	12253	Linear Combination	ULS
12150 (C)	12254	Linear Combination	ULS
12151 (C)	12255	Linear Combination	ULS
12152 (C)	12256	Linear Combination	ULS
12153 (C)	12257	Linear Combination	ULS
12154 (C)	12258	Linear Combination	ULS
12155 (C)	12259	Linear Combination	ULS
12156 (C)	12260	Linear Combination	ULS
12157 (C)	12261	Linear Combination	ULS
12158 (C)	12262	Linear Combination	ULS
12159 (C)	12263	Linear Combination	ULS
12160 (C)	12264	Linear Combination	ULS
12161 (C)	12265	Linear Combination	ULS
12162 (C)	12266	Linear Combination	ULS
12163 (C)	12267	Linear Combination	ULS
12164 (C)	12268	Linear Combination	ULS
12165 (C)	12269	Linear Combination	ULS
12166 (C)	12270	Linear Combination	ULS
12167 (C)	12271	Linear Combination	ULS
12168 (C)	12272	Linear Combination	ULS
12169 (C)	12273	Linear Combination	ULS
12170 (C)	12274	Linear Combination	ULS
12171 (C)	12275	Linear Combination	ULS
12172 (C)	12276	Linear Combination	ULS
12173 (C)	12277	Linear Combination	ULS
12174 (C)	12278	Linear Combination	ULS
12175 (C)	12279	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12176 (C)	12280	Linear Combination	ULS
12177 (C)	12281	Linear Combination	ULS
12178 (C)	12282	Linear Combination	ULS
12179 (C)	12283	Linear Combination	ULS
12180 (C)	12284	Linear Combination	ULS
12181 (C)	12285	Linear Combination	ULS
12182 (C)	12286	Linear Combination	ULS
12183 (C)	12287	Linear Combination	ULS
12184 (C)	12288	Linear Combination	ULS
12185 (C)	12289	Linear Combination	ULS
12186 (C)	12290	Linear Combination	ULS
12187 (C)	12291	Linear Combination	ULS
12188 (C)	12292	Linear Combination	ULS
12189 (C)	12293	Linear Combination	ULS
12190 (C)	12294	Linear Combination	ULS
12191 (C)	12295	Linear Combination	ULS
12192 (C)	12296	Linear Combination	ULS
12193 (C)	12297	Linear Combination	ULS
12194 (C)	12298	Linear Combination	ULS
12195 (C)	12299	Linear Combination	ULS
12196 (C)	12300	Linear Combination	ULS
12197 (C)	12301	Linear Combination	ULS
12198 (C)	12302	Linear Combination	ULS
12199 (C)	12303	Linear Combination	ULS
12200 (C)	12304	Linear Combination	ULS
12201 (C)	12305	Linear Combination	ULS
12202 (C)	12306	Linear Combination	ULS
12203 (C)	12307	Linear Combination	ULS
12204 (C)	12308	Linear Combination	ULS
12205 (C)	12309	Linear Combination	ULS
12206 (C)	12310	Linear Combination	ULS
12207 (C)	12311	Linear Combination	ULS
12208 (C)	12312	Linear Combination	ULS
12209 (C)	12313	Linear Combination	ULS
12210 (C)	12314	Linear Combination	ULS
12211 (C)	12315	Linear Combination	ULS
12212 (C)	12316	Linear Combination	ULS
12213 (C)	12317	Linear Combination	ULS
12214 (C)	12318	Linear Combination	ULS
12215 (C)	12319	Linear Combination	ULS
12216 (C)	12320	Linear Combination	ULS
12217 (C)	12321	Linear Combination	ULS
12218 (C)	12322	Linear Combination	ULS
12219 (C)	12323	Linear Combination	ULS
12220 (C)	12324	Linear Combination	ULS
12221 (C)	12325	Linear Combination	ULS
12222 (C)	12326	Linear Combination	ULS
12223 (C)	12327	Linear Combination	ULS
12224 (C)	12328	Linear Combination	ULS
12225 (C)	12329	Linear Combination	ULS
12226 (C)	12330	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12227 (C)	12331	Linear Combination	ULS
12228 (C)	12332	Linear Combination	ULS
12229 (C)	12333	Linear Combination	ULS
12230 (C)	12334	Linear Combination	ULS
12231 (C)	12335	Linear Combination	ULS
12232 (C)	12336	Linear Combination	ULS
12233 (C)	12337	Linear Combination	ULS
12234 (C)	12338	Linear Combination	ULS
12235 (C)	12339	Linear Combination	ULS
12236 (C)	12340	Linear Combination	ULS
12237 (C)	12341	Linear Combination	ULS
12238 (C)	12342	Linear Combination	ULS
12239 (C)	12343	Linear Combination	ULS
12240 (C)	12344	Linear Combination	ULS
12241 (C)	12345	Linear Combination	ULS
12242 (C)	12346	Linear Combination	ULS
12243 (C)	12347	Linear Combination	ULS
12244 (C)	12348	Linear Combination	ULS
12245 (C)	12349	Linear Combination	ULS
12246 (C)	12350	Linear Combination	ULS
12247 (C)	12351	Linear Combination	ULS
12248 (C)	12352	Linear Combination	ULS
12249 (C)	12353	Linear Combination	ULS
12250 (C)	12354	Linear Combination	ULS
12251 (C)	12355	Linear Combination	ULS
12252 (C)	12356	Linear Combination	ULS
12253 (C)	12357	Linear Combination	ULS
12254 (C)	12358	Linear Combination	ULS
12255 (C)	12359	Linear Combination	ULS
12256 (C)	12360	Linear Combination	ULS
12257 (C)	12361	Linear Combination	ULS
12258 (C)	12362	Linear Combination	ULS
12259 (C)	12363	Linear Combination	ULS
12260 (C)	12364	Linear Combination	ULS
12261 (C)	12365	Linear Combination	ULS
12262 (C)	12366	Linear Combination	ULS
12263 (C)	12367	Linear Combination	ULS
12264 (C)	12368	Linear Combination	ULS
12265 (C)	12369	Linear Combination	ULS
12266 (C)	12370	Linear Combination	ULS
12267 (C)	12371	Linear Combination	ULS
12268 (C)	12372	Linear Combination	ULS
12269 (C)	12373	Linear Combination	ULS
12270 (C)	12374	Linear Combination	ULS
12271 (C)	12375	Linear Combination	ULS
12272 (C)	12376	Linear Combination	ULS
12273 (C)	12377	Linear Combination	ULS
12274 (C)	12378	Linear Combination	ULS
12275 (C)	12379	Linear Combination	ULS
12276 (C)	12380	Linear Combination	ULS
12277 (C)	12381	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12278 (C)	12382	Linear Combination	ULS
12279 (C)	12383	Linear Combination	ULS
12280 (C)	12384	Linear Combination	ULS
12281 (C)	12385	Linear Combination	ULS
12282 (C)	12386	Linear Combination	ULS
12283 (C)	12387	Linear Combination	ULS
12284 (C)	12388	Linear Combination	ULS
12285 (C)	12389	Linear Combination	ULS
12286 (C)	12390	Linear Combination	ULS
12287 (C)	12391	Linear Combination	ULS
12288 (C)	12392	Linear Combination	ULS
12289 (C)	12393	Linear Combination	ULS
12290 (C)	12394	Linear Combination	ULS
12291 (C)	12395	Linear Combination	ULS
12292 (C)	12396	Linear Combination	ULS
12293 (C)	12397	Linear Combination	ULS
12294 (C)	12398	Linear Combination	ULS
12295 (C)	12399	Linear Combination	ULS
12296 (C)	12400	Linear Combination	ULS
12297 (C)	12401	Linear Combination	ULS
12298 (C)	12402	Linear Combination	ULS
12299 (C)	12403	Linear Combination	ULS
12300 (C)	12404	Linear Combination	ULS
12301 (C)	12405	Linear Combination	ULS
12302 (C)	12406	Linear Combination	ULS
12303 (C)	12407	Linear Combination	ULS
12304 (C)	12408	Linear Combination	ULS
12305 (C)	12409	Linear Combination	ULS
12306 (C)	12410	Linear Combination	ULS
12307 (C)	12411	Linear Combination	ULS
12308 (C)	12412	Linear Combination	ULS
12309 (C)	12413	Linear Combination	ULS
12310 (C)	12414	Linear Combination	ULS
12311 (C)	12415	Linear Combination	ULS
12312 (C)	12416	Linear Combination	ULS
12313 (C)	12417	Linear Combination	ULS
12314 (C)	12418	Linear Combination	ULS
12315 (C)	12419	Linear Combination	ULS
12316 (C)	12420	Linear Combination	ULS
12317 (C)	12421	Linear Combination	ULS
12318 (C)	12422	Linear Combination	ULS
12319 (C)	12423	Linear Combination	ULS
12320 (C)	12424	Linear Combination	ULS
12321 (C)	12425	Linear Combination	ULS
12322 (C)	12426	Linear Combination	ULS
12323 (C)	12427	Linear Combination	ULS
12324 (C)	12428	Linear Combination	ULS
12325 (C)	12429	Linear Combination	ULS
12326 (C)	12430	Linear Combination	ULS
12327 (C)	12431	Linear Combination	ULS
12328 (C)	12432	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12329 (C)	12433	Linear Combination	ULS
12330 (C)	12434	Linear Combination	ULS
12331 (C)	12435	Linear Combination	ULS
12332 (C)	12436	Linear Combination	ULS
12333 (C)	12437	Linear Combination	ULS
12334 (C)	12438	Linear Combination	ULS
12335 (C)	12439	Linear Combination	ULS
12336 (C)	12440	Linear Combination	ULS
12337 (C)	12441	Linear Combination	ULS
12338 (C)	12442	Linear Combination	ULS
12339 (C)	12443	Linear Combination	ULS
12340 (C)	12444	Linear Combination	ULS
12341 (C)	12445	Linear Combination	ULS
12342 (C)	12446	Linear Combination	ULS
12343 (C)	12447	Linear Combination	ULS
12344 (C)	12448	Linear Combination	ULS
12345 (C)	12449	Linear Combination	ULS
12346 (C)	12450	Linear Combination	ULS
12347 (C)	12451	Linear Combination	ULS
12348 (C)	12452	Linear Combination	ULS
12349 (C)	12453	Linear Combination	ULS
12350 (C)	12454	Linear Combination	ULS
12351 (C)	12455	Linear Combination	ULS
12352 (C)	12456	Linear Combination	ULS
12353 (C)	12457	Linear Combination	ULS
12354 (C)	12458	Linear Combination	ULS
12355 (C)	12459	Linear Combination	ULS
12356 (C)	12460	Linear Combination	ULS
12357 (C)	12461	Linear Combination	ULS
12358 (C)	12462	Linear Combination	ULS
12359 (C)	12463	Linear Combination	ULS
12360 (C)	12464	Linear Combination	ULS
12361 (C)	12465	Linear Combination	ULS
12362 (C)	12466	Linear Combination	ULS
12363 (C)	12467	Linear Combination	ULS
12364 (C)	12468	Linear Combination	ULS
12365 (C)	12469	Linear Combination	ULS
12366 (C)	12470	Linear Combination	ULS
12367 (C)	12471	Linear Combination	ULS
12368 (C)	12472	Linear Combination	ULS
12369 (C)	12473	Linear Combination	ULS
12370 (C)	12474	Linear Combination	ULS
12371 (C)	12475	Linear Combination	ULS
12372 (C)	12476	Linear Combination	ULS
12373 (C)	12477	Linear Combination	ULS
12374 (C)	12478	Linear Combination	ULS
12375 (C)	12479	Linear Combination	ULS
12376 (C)	12480	Linear Combination	ULS
12377 (C)	12481	Linear Combination	ULS
12378 (C)	12482	Linear Combination	ULS
12379 (C)	12483	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12380 (C)	12484	Linear Combination	ULS
12381 (C)	12485	Linear Combination	ULS
12382 (C)	12486	Linear Combination	ULS
12383 (C)	12487	Linear Combination	ULS
12384 (C)	12488	Linear Combination	ULS
12385 (C)	12489	Linear Combination	ULS
12386 (C)	12490	Linear Combination	ULS
12387 (C)	12491	Linear Combination	ULS
12388 (C)	12492	Linear Combination	ULS
12389 (C)	12493	Linear Combination	ULS
12390 (C)	12494	Linear Combination	ULS
12391 (C)	12495	Linear Combination	ULS
12392 (C)	12496	Linear Combination	ULS
12393 (C)	12497	Linear Combination	ULS
12394 (C)	12498	Linear Combination	ULS
12395 (C)	12499	Linear Combination	ULS
12396 (C)	12500	Linear Combination	ULS
12397 (C)	12501	Linear Combination	ULS
12398 (C)	12502	Linear Combination	ULS
12399 (C)	12503	Linear Combination	ULS
12400 (C)	12504	Linear Combination	ULS
12401 (C)	12505	Linear Combination	ULS
12402 (C)	12506	Linear Combination	ULS
12403 (C)	12507	Linear Combination	ULS
12404 (C)	12508	Linear Combination	ULS
12405 (C)	12509	Linear Combination	ULS
12406 (C)	12510	Linear Combination	ULS
12407 (C)	12511	Linear Combination	ULS
12408 (C)	12512	Linear Combination	ULS
12409 (C)	12513	Linear Combination	ULS
12410 (C)	12514	Linear Combination	ULS
12411 (C)	12515	Linear Combination	ULS
12412 (C)	12516	Linear Combination	ULS
12413 (C)	12517	Linear Combination	ULS
12414 (C)	12518	Linear Combination	ULS
12415 (C)	12519	Linear Combination	ULS
12416 (C)	12520	Linear Combination	ULS
12417 (C)	12521	Linear Combination	ULS
12418 (C)	12522	Linear Combination	ULS
12419 (C)	12523	Linear Combination	ULS
12420 (C)	12524	Linear Combination	ULS
12421 (C)	12525	Linear Combination	ULS
12422 (C)	12526	Linear Combination	ULS
12423 (C)	12527	Linear Combination	ULS
12424 (C)	12528	Linear Combination	ULS
12425 (C)	12529	Linear Combination	ULS
12426 (C)	12530	Linear Combination	ULS
12427 (C)	12531	Linear Combination	ULS
12428 (C)	12532	Linear Combination	ULS
12429 (C)	12533	Linear Combination	ULS
12430 (C)	12534	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12431 (C)	12535	Linear Combination	ULS
12432 (C)	12536	Linear Combination	ULS
12433 (C)	12537	Linear Combination	ULS
12434 (C)	12538	Linear Combination	ULS
12435 (C)	12539	Linear Combination	ULS
12436 (C)	12540	Linear Combination	ULS
12437 (C)	12541	Linear Combination	ULS
12438 (C)	12542	Linear Combination	ULS
12439 (C)	12543	Linear Combination	ULS
12440 (C)	12544	Linear Combination	ULS
12441 (C)	12545	Linear Combination	ULS
12442 (C)	12546	Linear Combination	ULS
12443 (C)	12547	Linear Combination	ULS
12444 (C)	12548	Linear Combination	ULS
12445 (C)	12549	Linear Combination	ULS
12446 (C)	12550	Linear Combination	ULS
12447 (C)	12551	Linear Combination	ULS
12448 (C)	12552	Linear Combination	ULS
12449 (C)	12553	Linear Combination	ULS
12450 (C)	12554	Linear Combination	ULS
12451 (C)	12555	Linear Combination	ULS
12452 (C)	12556	Linear Combination	ULS
12453 (C)	12557	Linear Combination	ULS
12454 (C)	12558	Linear Combination	ULS
12455 (C)	12559	Linear Combination	ULS
12456 (C)	12560	Linear Combination	ULS
12457 (C)	12561	Linear Combination	ULS
12458 (C)	12562	Linear Combination	ULS
12459 (C)	12563	Linear Combination	ULS
12460 (C)	12564	Linear Combination	ULS
12461 (C)	12565	Linear Combination	ULS
12462 (C)	12566	Linear Combination	ULS
12463 (C)	12567	Linear Combination	ULS
12464 (C)	12568	Linear Combination	ULS
12465 (C)	12569	Linear Combination	ULS
12466 (C)	12570	Linear Combination	ULS
12467 (C)	12571	Linear Combination	ULS
12468 (C)	12572	Linear Combination	ULS
12469 (C)	12573	Linear Combination	ULS
12470 (C)	12574	Linear Combination	ULS
12471 (C)	12575	Linear Combination	ULS
12472 (C)	12576	Linear Combination	ULS
12473 (C)	12577	Linear Combination	ULS
12474 (C)	12578	Linear Combination	ULS
12475 (C)	12579	Linear Combination	ULS
12476 (C)	12580	Linear Combination	ULS
12477 (C)	12581	Linear Combination	ULS
12478 (C)	12582	Linear Combination	ULS
12479 (C)	12583	Linear Combination	ULS
12480 (C)	12584	Linear Combination	ULS
12481 (C)	12585	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12482 (C)	12586	Linear Combination	ULS
12483 (C)	12587	Linear Combination	ULS
12484 (C)	12588	Linear Combination	ULS
12485 (C)	12589	Linear Combination	ULS
12486 (C)	12590	Linear Combination	ULS
12487 (C)	12591	Linear Combination	ULS
12488 (C)	12592	Linear Combination	ULS
12489 (C)	12593	Linear Combination	ULS
12490 (C)	12594	Linear Combination	ULS
12491 (C)	12595	Linear Combination	ULS
12492 (C)	12596	Linear Combination	ULS
12493 (C)	12597	Linear Combination	ULS
12494 (C)	12598	Linear Combination	ULS
12495 (C)	12599	Linear Combination	ULS
12496 (C)	12600	Linear Combination	ULS
12497 (C)	12601	Linear Combination	ULS
12498 (C)	12602	Linear Combination	ULS
12499 (C)	12603	Linear Combination	ULS
12500 (C)	12604	Linear Combination	ULS
12501 (C)	12605	Linear Combination	ULS
12502 (C)	12606	Linear Combination	ULS
12503 (C)	12607	Linear Combination	ULS
12504 (C)	12608	Linear Combination	ULS
12505 (C)	12609	Linear Combination	ULS
12506 (C)	12610	Linear Combination	ULS
12507 (C)	12611	Linear Combination	ULS
12508 (C)	12612	Linear Combination	ULS
12509 (C)	12613	Linear Combination	ULS
12510 (C)	12614	Linear Combination	ULS
12511 (C)	12615	Linear Combination	ULS
12512 (C)	12616	Linear Combination	ULS
12513 (C)	12617	Linear Combination	ULS
12514 (C)	12618	Linear Combination	ULS
12515 (C)	12619	Linear Combination	ULS
12516 (C)	12620	Linear Combination	ULS
12517 (C)	12621	Linear Combination	ULS
12518 (C)	12622	Linear Combination	ULS
12519 (C)	12623	Linear Combination	ULS
12520 (C)	12624	Linear Combination	ULS
12521 (C)	12625	Linear Combination	ULS
12522 (C)	12626	Linear Combination	ULS
12523 (C)	12627	Linear Combination	ULS
12524 (C)	12628	Linear Combination	ULS
12525 (C)	12629	Linear Combination	ULS
12526 (C)	12630	Linear Combination	ULS
12527 (C)	12631	Linear Combination	ULS
12528 (C)	12632	Linear Combination	ULS
12529 (C)	12633	Linear Combination	ULS
12530 (C)	12634	Linear Combination	ULS
12531 (C)	12635	Linear Combination	ULS
12532 (C)	12636	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12533 (C)	12637	Linear Combination	ULS
12534 (C)	12638	Linear Combination	ULS
12535 (C)	12639	Linear Combination	ULS
12536 (C)	12640	Linear Combination	ULS
12537 (C)	12641	Linear Combination	ULS
12538 (C)	12642	Linear Combination	ULS
12539 (C)	12643	Linear Combination	ULS
12540 (C)	12644	Linear Combination	ULS
12541 (C)	12645	Linear Combination	ULS
12542 (C)	12646	Linear Combination	ULS
12543 (C)	12647	Linear Combination	ULS
12544 (C)	12648	Linear Combination	ULS
12545 (C)	12649	Linear Combination	ULS
12546 (C)	12650	Linear Combination	ULS
12547 (C)	12651	Linear Combination	ULS
12548 (C)	12652	Linear Combination	ULS
12549 (C)	12653	Linear Combination	ULS
12550 (C)	12654	Linear Combination	ULS
12551 (C)	12655	Linear Combination	ULS
12552 (C)	12656	Linear Combination	ULS
12553 (C)	12657	Linear Combination	ULS
12554 (C)	12658	Linear Combination	ULS
12555 (C)	12659	Linear Combination	ULS
12556 (C)	12660	Linear Combination	ULS
12557 (C)	12661	Linear Combination	ULS
12558 (C)	12662	Linear Combination	ULS
12559 (C)	12663	Linear Combination	ULS
12560 (C)	12664	Linear Combination	ULS
12561 (C)	12665	Linear Combination	ULS
12562 (C)	12666	Linear Combination	ULS
12563 (C)	12667	Linear Combination	ULS
12564 (C)	12668	Linear Combination	ULS
12565 (C)	12669	Linear Combination	ULS
12566 (C)	12670	Linear Combination	ULS
12567 (C)	12671	Linear Combination	ULS
12568 (C)	12672	Linear Combination	ULS
12569 (C)	12673	Linear Combination	ULS
12570 (C)	12674	Linear Combination	ULS
12571 (C)	12675	Linear Combination	ULS
12572 (C)	12676	Linear Combination	ULS
12573 (C)	12677	Linear Combination	ULS
12574 (C)	12678	Linear Combination	ULS
12575 (C)	12679	Linear Combination	ULS
12576 (C)	12680	Linear Combination	ULS
12577 (C)	12681	Linear Combination	ULS
12578 (C)	12682	Linear Combination	ULS
12579 (C)	12683	Linear Combination	ULS
12580 (C)	12684	Linear Combination	ULS
12581 (C)	12685	Linear Combination	ULS
12582 (C)	12686	Linear Combination	ULS
12583 (C)	12687	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
12584 (C)	12688	Linear Combination	ULS
12585 (C)	12689	Linear Combination	ULS
12586 (C)	12690	Linear Combination	ULS
12587 (C)	12691	Linear Combination	ULS
12588 (C)	12692	Linear Combination	ULS
12589 (C)	12693	Linear Combination	ULS
12590 (C)	12694	Linear Combination	ULS
12591 (C)	12695	Linear Combination	ULS
12592 (C)	12696	Linear Combination	ULS
12593 (C)	12697	Linear Combination	ULS
12594 (C)	12698	Linear Combination	ULS
12595 (C)	12699	Linear Combination	ULS
12596 (C)	12700	Linear Combination	ULS
12597 (C)	12701	Linear Combination	ULS
12598 (C)	12702	Linear Combination	ULS
12599 (C)	12703	Linear Combination	ULS
12600 (C)	12704	Linear Combination	ULS
12601 (C)	12705	Linear Combination	ULS
12602 (C)	12706	Linear Combination	ULS
12603 (C)	12707	Linear Combination	ULS
12604 (C)	12708	Linear Combination	ULS
12605 (C)	12709	Linear Combination	ULS
12606 (C)	12710	Linear Combination	ULS
12607 (C)	12711	Linear Combination	ULS
12608 (C)	12712	Linear Combination	ULS
12609 (C)	12713	Linear Combination	ULS
12610 (C)	12714	Linear Combination	ULS
12611 (C)	12715	Linear Combination	ULS
12612 (C)	12716	Linear Combination	ULS
12613 (C)	12717	Linear Combination	ULS
12614 (C)	12718	Linear Combination	ULS
12615 (C)	12719	Linear Combination	ULS
12616 (C)	12720	Linear Combination	ULS
12617 (C)	12721	Linear Combination	ULS
12618 (C)	12722	Linear Combination	ULS
12619 (C)	12723	Linear Combination	ULS
12620 (C)	12724	Linear Combination	ULS
12621 (C)	12725	Linear Combination	ULS
12622 (C)	12726	Linear Combination	ULS
12623 (C)	12727	Linear Combination	ULS
12624 (C)	12728	Linear Combination	ULS
12625 (C)	12729	Linear Combination	ULS
12626 (C)	12730	Linear Combination	ULS
12627 (C)	12731	Linear Combination	ULS
12628 (C)	12732	Linear Combination	ULS
12629 (C)	12733	Linear Combination	ULS
12630 (C)	12734	Linear Combination	ULS
12631 (C)	12735	Linear Combination	ULS
12632 (C)	12736	Linear Combination	ULS
12633 (C)	12737	Linear Combination	ULS
12634 (C)	12738	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12635 (C)	12739	Linear Combination	ULS
12636 (C)	12740	Linear Combination	ULS
12637 (C)	12741	Linear Combination	ULS
12638 (C)	12742	Linear Combination	ULS
12639 (C)	12743	Linear Combination	ULS
12640 (C)	12744	Linear Combination	ULS
12641 (C)	12745	Linear Combination	ULS
12642 (C)	12746	Linear Combination	ULS
12643 (C)	12747	Linear Combination	ULS
12644 (C)	12748	Linear Combination	ULS
12645 (C)	12749	Linear Combination	ULS
12646 (C)	12750	Linear Combination	ULS
12647 (C)	12751	Linear Combination	ULS
12648 (C)	12752	Linear Combination	ULS
12649 (C)	12753	Linear Combination	ULS
12650 (C)	12754	Linear Combination	ULS
12651 (C)	12755	Linear Combination	ULS
12652 (C)	12756	Linear Combination	ULS
12653 (C)	12757	Linear Combination	ULS
12654 (C)	12758	Linear Combination	ULS
12655 (C)	12759	Linear Combination	ULS
12656 (C)	12760	Linear Combination	ULS
12657 (C)	12761	Linear Combination	ULS
12658 (C)	12762	Linear Combination	ULS
12659 (C)	12763	Linear Combination	ULS
12660 (C)	12764	Linear Combination	ULS
12661 (C)	12765	Linear Combination	ULS
12662 (C)	12766	Linear Combination	ULS
12663 (C)	12767	Linear Combination	ULS
12664 (C)	12768	Linear Combination	ULS
12665 (C)	12769	Linear Combination	ULS
12666 (C)	12770	Linear Combination	ULS
12667 (C)	12771	Linear Combination	ULS
12668 (C)	12772	Linear Combination	ULS
12669 (C)	12773	Linear Combination	ULS
12670 (C)	12774	Linear Combination	ULS
12671 (C)	12775	Linear Combination	ULS
12672 (C)	12776	Linear Combination	ULS
12673 (C)	12777	Linear Combination	ULS
12674 (C)	12778	Linear Combination	ULS
12675 (C)	12779	Linear Combination	ULS
12676 (C)	12780	Linear Combination	ULS
12677 (C)	12781	Linear Combination	ULS
12678 (C)	12782	Linear Combination	ULS
12679 (C)	12783	Linear Combination	ULS
12680 (C)	12784	Linear Combination	ULS
12681 (C)	12785	Linear Combination	ULS
12682 (C)	12786	Linear Combination	ULS
12683 (C)	12787	Linear Combination	ULS
12684 (C)	12788	Linear Combination	ULS
12685 (C)	12789	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12686 (C)	12790	Linear Combination	ULS
12687 (C)	12791	Linear Combination	ULS
12688 (C)	12792	Linear Combination	ULS
12689 (C)	13001	Linear Combination	ULS
12690 (C)	13002	Linear Combination	ULS
12691 (C)	13003	Linear Combination	ULS
12692 (C)	13004	Linear Combination	ULS
12693 (C)	13005	Linear Combination	ULS
12694 (C)	13006	Linear Combination	ULS
12695 (C)	13007	Linear Combination	ULS
12696 (C)	13008	Linear Combination	ULS
12697 (C)	13009	Linear Combination	ULS
12698 (C)	13010	Linear Combination	ULS
12699 (C)	13011	Linear Combination	ULS
12700 (C)	13012	Linear Combination	ULS
12701 (C)	13013	Linear Combination	ULS
12702 (C)	13014	Linear Combination	ULS
12703 (C)	13015	Linear Combination	ULS
12704 (C)	13016	Linear Combination	ULS
12705 (C)	13017	Linear Combination	ULS
12706 (C)	13018	Linear Combination	ULS
12707 (C)	13019	Linear Combination	ULS
12708 (C)	13020	Linear Combination	ULS
12709 (C)	13021	Linear Combination	ULS
12710 (C)	13022	Linear Combination	ULS
12711 (C)	13023	Linear Combination	ULS
12712 (C)	13024	Linear Combination	ULS
12713 (C)	13025	Linear Combination	ULS
12714 (C)	13026	Linear Combination	ULS
12715 (C)	13027	Linear Combination	ULS
12716 (C)	13028	Linear Combination	ULS
12717 (C)	13029	Linear Combination	ULS
12718 (C)	13030	Linear Combination	ULS
12719 (C)	13031	Linear Combination	ULS
12720 (C)	13032	Linear Combination	ULS
12721 (C)	13033	Linear Combination	ULS
12722 (C)	13034	Linear Combination	ULS
12723 (C)	13035	Linear Combination	ULS
12724 (C)	13036	Linear Combination	ULS
12725 (C)	13037	Linear Combination	ULS
12726 (C)	13038	Linear Combination	ULS
12727 (C)	13039	Linear Combination	ULS
12728 (C)	13040	Linear Combination	ULS
12729 (C)	13041	Linear Combination	ULS
12730 (C)	13042	Linear Combination	ULS
12731 (C)	13043	Linear Combination	ULS
12732 (C)	13044	Linear Combination	ULS
12733 (C)	13045	Linear Combination	ULS
12734 (C)	13046	Linear Combination	ULS
12735 (C)	13047	Linear Combination	ULS
12736 (C)	13048	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12737 (C)	13049	Linear Combination	ULS
12738 (C)	13050	Linear Combination	ULS
12739 (C)	13051	Linear Combination	ULS
12740 (C)	13052	Linear Combination	ULS
12741 (C)	13053	Linear Combination	ULS
12742 (C)	13054	Linear Combination	ULS
12743 (C)	13055	Linear Combination	ULS
12744 (C)	13056	Linear Combination	ULS
12745 (C)	13057	Linear Combination	ULS
12746 (C)	13058	Linear Combination	ULS
12747 (C)	13059	Linear Combination	ULS
12748 (C)	13060	Linear Combination	ULS
12749 (C)	13061	Linear Combination	ULS
12750 (C)	13062	Linear Combination	ULS
12751 (C)	13063	Linear Combination	ULS
12752 (C)	13064	Linear Combination	ULS
12753 (C)	13065	Linear Combination	ULS
12754 (C)	13066	Linear Combination	ULS
12755 (C)	13067	Linear Combination	ULS
12756 (C)	13068	Linear Combination	ULS
12757 (C)	13069	Linear Combination	ULS
12758 (C)	13070	Linear Combination	ULS
12759 (C)	13071	Linear Combination	ULS
12760 (C)	13072	Linear Combination	ULS
12761 (C)	13073	Linear Combination	ULS
12762 (C)	13074	Linear Combination	ULS
12763 (C)	13075	Linear Combination	ULS
12764 (C)	13076	Linear Combination	ULS
12765 (C)	13077	Linear Combination	ULS
12766 (C)	13078	Linear Combination	ULS
12767 (C)	13079	Linear Combination	ULS
12768 (C)	13080	Linear Combination	ULS
12769 (C)	13081	Linear Combination	ULS
12770 (C)	13082	Linear Combination	ULS
12771 (C)	13083	Linear Combination	ULS
12772 (C)	13084	Linear Combination	ULS
12773 (C)	13085	Linear Combination	ULS
12774 (C)	13086	Linear Combination	ULS
12775 (C)	13087	Linear Combination	ULS
12776 (C)	13088	Linear Combination	ULS
12777 (C)	13089	Linear Combination	ULS
12778 (C)	13090	Linear Combination	ULS
12779 (C)	13091	Linear Combination	ULS
12780 (C)	13092	Linear Combination	ULS
12781 (C)	13093	Linear Combination	ULS
12782 (C)	13094	Linear Combination	ULS
12783 (C)	13095	Linear Combination	ULS
12784 (C)	13096	Linear Combination	ULS
12785 (C)	13097	Linear Combination	ULS
12786 (C)	13098	Linear Combination	ULS
12787 (C)	13099	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
12788 (C)	13100	Linear Combination	ULS
12789 (C)	13101	Linear Combination	ULS
12790 (C)	13102	Linear Combination	ULS
12791 (C)	13103	Linear Combination	ULS
12792 (C)	13104	Linear Combination	ULS
12793 (C)	13105	Linear Combination	ULS
12794 (C)	13106	Linear Combination	ULS
12795 (C)	13107	Linear Combination	ULS
12796 (C)	13108	Linear Combination	ULS
12797 (C)	13109	Linear Combination	ULS
12798 (C)	13110	Linear Combination	ULS
12799 (C)	13111	Linear Combination	ULS
12800 (C)	13112	Linear Combination	ULS
12801 (C)	13113	Linear Combination	ULS
12802 (C)	13114	Linear Combination	ULS
12803 (C)	13115	Linear Combination	ULS
12804 (C)	13116	Linear Combination	ULS
12805 (C)	13117	Linear Combination	ULS
12806 (C)	13118	Linear Combination	ULS
12807 (C)	13119	Linear Combination	ULS
12808 (C)	13120	Linear Combination	ULS
12809 (C)	13121	Linear Combination	ULS
12810 (C)	13122	Linear Combination	ULS
12811 (C)	13123	Linear Combination	ULS
12812 (C)	13124	Linear Combination	ULS
12813 (C)	13125	Linear Combination	ULS
12814 (C)	13126	Linear Combination	ULS
12815 (C)	13127	Linear Combination	ULS
12816 (C)	13128	Linear Combination	ULS
12817 (C)	13129	Linear Combination	ULS
12818 (C)	13130	Linear Combination	ULS
12819 (C)	13131	Linear Combination	ULS
12820 (C)	13132	Linear Combination	ULS
12821 (C)	13133	Linear Combination	ULS
12822 (C)	13134	Linear Combination	ULS
12823 (C)	13135	Linear Combination	ULS
12824 (C)	13136	Linear Combination	ULS
12825 (C)	13137	Linear Combination	ULS
12826 (C)	13138	Linear Combination	ULS
12827 (C)	13139	Linear Combination	ULS
12828 (C)	13140	Linear Combination	ULS
12829 (C)	13141	Linear Combination	ULS
12830 (C)	13142	Linear Combination	ULS
12831 (C)	13143	Linear Combination	ULS
12832 (C)	13144	Linear Combination	ULS
12833 (C)	13145	Linear Combination	ULS
12834 (C)	13146	Linear Combination	ULS
12835 (C)	13147	Linear Combination	ULS
12836 (C)	13148	Linear Combination	ULS
12837 (C)	13149	Linear Combination	ULS
12838 (C)	13150	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12839 (C)	13151	Linear Combination	ULS
12840 (C)	13152	Linear Combination	ULS
12841 (C)	13153	Linear Combination	ULS
12842 (C)	13154	Linear Combination	ULS
12843 (C)	13155	Linear Combination	ULS
12844 (C)	13156	Linear Combination	ULS
12845 (C)	13157	Linear Combination	ULS
12846 (C)	13158	Linear Combination	ULS
12847 (C)	13159	Linear Combination	ULS
12848 (C)	13160	Linear Combination	ULS
12849 (C)	13161	Linear Combination	ULS
12850 (C)	13162	Linear Combination	ULS
12851 (C)	13163	Linear Combination	ULS
12852 (C)	13164	Linear Combination	ULS
12853 (C)	13165	Linear Combination	ULS
12854 (C)	13166	Linear Combination	ULS
12855 (C)	13167	Linear Combination	ULS
12856 (C)	13168	Linear Combination	ULS
12857 (C)	13169	Linear Combination	ULS
12858 (C)	13170	Linear Combination	ULS
12859 (C)	13171	Linear Combination	ULS
12860 (C)	13172	Linear Combination	ULS
12861 (C)	13173	Linear Combination	ULS
12862 (C)	13174	Linear Combination	ULS
12863 (C)	13175	Linear Combination	ULS
12864 (C)	13176	Linear Combination	ULS
12865 (C)	13177	Linear Combination	ULS
12866 (C)	13178	Linear Combination	ULS
12867 (C)	13179	Linear Combination	ULS
12868 (C)	13180	Linear Combination	ULS
12869 (C)	13181	Linear Combination	ULS
12870 (C)	13182	Linear Combination	ULS
12871 (C)	13183	Linear Combination	ULS
12872 (C)	13184	Linear Combination	ULS
12873 (C)	13185	Linear Combination	ULS
12874 (C)	13186	Linear Combination	ULS
12875 (C)	13187	Linear Combination	ULS
12876 (C)	13188	Linear Combination	ULS
12877 (C)	13189	Linear Combination	ULS
12878 (C)	13190	Linear Combination	ULS
12879 (C)	13191	Linear Combination	ULS
12880 (C)	13192	Linear Combination	ULS
12881 (C)	13193	Linear Combination	ULS
12882 (C)	13194	Linear Combination	ULS
12883 (C)	13195	Linear Combination	ULS
12884 (C)	13196	Linear Combination	ULS
12885 (C)	13197	Linear Combination	ULS
12886 (C)	13198	Linear Combination	ULS
12887 (C)	13199	Linear Combination	ULS
12888 (C)	13200	Linear Combination	ULS
12889 (C)	13201	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12890 (C)	13202	Linear Combination	ULS
12891 (C)	13203	Linear Combination	ULS
12892 (C)	13204	Linear Combination	ULS
12893 (C)	13205	Linear Combination	ULS
12894 (C)	13206	Linear Combination	ULS
12895 (C)	13207	Linear Combination	ULS
12896 (C)	13208	Linear Combination	ULS
12897 (C)	13209	Linear Combination	ULS
12898 (C)	13210	Linear Combination	ULS
12899 (C)	13211	Linear Combination	ULS
12900 (C)	13212	Linear Combination	ULS
12901 (C)	13213	Linear Combination	ULS
12902 (C)	13214	Linear Combination	ULS
12903 (C)	13215	Linear Combination	ULS
12904 (C)	13216	Linear Combination	ULS
12905 (C)	13217	Linear Combination	ULS
12906 (C)	13218	Linear Combination	ULS
12907 (C)	13219	Linear Combination	ULS
12908 (C)	13220	Linear Combination	ULS
12909 (C)	13221	Linear Combination	ULS
12910 (C)	13222	Linear Combination	ULS
12911 (C)	13223	Linear Combination	ULS
12912 (C)	13224	Linear Combination	ULS
12913 (C)	13225	Linear Combination	ULS
12914 (C)	13226	Linear Combination	ULS
12915 (C)	13227	Linear Combination	ULS
12916 (C)	13228	Linear Combination	ULS
12917 (C)	13229	Linear Combination	ULS
12918 (C)	13230	Linear Combination	ULS
12919 (C)	13231	Linear Combination	ULS
12920 (C)	13232	Linear Combination	ULS
12921 (C)	13233	Linear Combination	ULS
12922 (C)	13234	Linear Combination	ULS
12923 (C)	13235	Linear Combination	ULS
12924 (C)	13236	Linear Combination	ULS
12925 (C)	13237	Linear Combination	ULS
12926 (C)	13238	Linear Combination	ULS
12927 (C)	13239	Linear Combination	ULS
12928 (C)	13240	Linear Combination	ULS
12929 (C)	13241	Linear Combination	ULS
12930 (C)	13242	Linear Combination	ULS
12931 (C)	13243	Linear Combination	ULS
12932 (C)	13244	Linear Combination	ULS
12933 (C)	13245	Linear Combination	ULS
12934 (C)	13246	Linear Combination	ULS
12935 (C)	13247	Linear Combination	ULS
12936 (C)	13248	Linear Combination	ULS
12937 (C)	13249	Linear Combination	ULS
12938 (C)	13250	Linear Combination	ULS
12939 (C)	13251	Linear Combination	ULS
12940 (C)	13252	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12941 (C)	13253	Linear Combination	ULS
12942 (C)	13254	Linear Combination	ULS
12943 (C)	13255	Linear Combination	ULS
12944 (C)	13256	Linear Combination	ULS
12945 (C)	13257	Linear Combination	ULS
12946 (C)	13258	Linear Combination	ULS
12947 (C)	13259	Linear Combination	ULS
12948 (C)	13260	Linear Combination	ULS
12949 (C)	13261	Linear Combination	ULS
12950 (C)	13262	Linear Combination	ULS
12951 (C)	13263	Linear Combination	ULS
12952 (C)	13264	Linear Combination	ULS
12953 (C)	13265	Linear Combination	ULS
12954 (C)	13266	Linear Combination	ULS
12955 (C)	13267	Linear Combination	ULS
12956 (C)	13268	Linear Combination	ULS
12957 (C)	13269	Linear Combination	ULS
12958 (C)	13270	Linear Combination	ULS
12959 (C)	13271	Linear Combination	ULS
12960 (C)	13272	Linear Combination	ULS
12961 (C)	13273	Linear Combination	ULS
12962 (C)	13274	Linear Combination	ULS
12963 (C)	13275	Linear Combination	ULS
12964 (C)	13276	Linear Combination	ULS
12965 (C)	13277	Linear Combination	ULS
12966 (C)	13278	Linear Combination	ULS
12967 (C)	13279	Linear Combination	ULS
12968 (C)	13280	Linear Combination	ULS
12969 (C)	13281	Linear Combination	ULS
12970 (C)	13282	Linear Combination	ULS
12971 (C)	13283	Linear Combination	ULS
12972 (C)	13284	Linear Combination	ULS
12973 (C)	13285	Linear Combination	ULS
12974 (C)	13286	Linear Combination	ULS
12975 (C)	13287	Linear Combination	ULS
12976 (C)	13288	Linear Combination	ULS
12977 (C)	13289	Linear Combination	ULS
12978 (C)	13290	Linear Combination	ULS
12979 (C)	13291	Linear Combination	ULS
12980 (C)	13292	Linear Combination	ULS
12981 (C)	13293	Linear Combination	ULS
12982 (C)	13294	Linear Combination	ULS
12983 (C)	13295	Linear Combination	ULS
12984 (C)	13296	Linear Combination	ULS
12985 (C)	13297	Linear Combination	ULS
12986 (C)	13298	Linear Combination	ULS
12987 (C)	13299	Linear Combination	ULS
12988 (C)	13300	Linear Combination	ULS
12989 (C)	13301	Linear Combination	ULS
12990 (C)	13302	Linear Combination	ULS
12991 (C)	13303	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
12992 (C)	13304	Linear Combination	ULS
12993 (C)	13305	Linear Combination	ULS
12994 (C)	13306	Linear Combination	ULS
12995 (C)	13307	Linear Combination	ULS
12996 (C)	13308	Linear Combination	ULS
12997 (C)	13309	Linear Combination	ULS
12998 (C)	13310	Linear Combination	ULS
12999 (C)	13311	Linear Combination	ULS
13000 (C)	13312	Linear Combination	ULS
13001 (C)	13313	Linear Combination	ULS
13002 (C)	13314	Linear Combination	ULS
13003 (C)	13315	Linear Combination	ULS
13004 (C)	13316	Linear Combination	ULS
13005 (C)	13317	Linear Combination	ULS
13006 (C)	13318	Linear Combination	ULS
13007 (C)	13319	Linear Combination	ULS
13008 (C)	13320	Linear Combination	ULS
13009 (C)	13321	Linear Combination	ULS
13010 (C)	13322	Linear Combination	ULS
13011 (C)	13323	Linear Combination	ULS
13012 (C)	13324	Linear Combination	ULS
13013 (C)	13325	Linear Combination	ULS
13014 (C)	13326	Linear Combination	ULS
13015 (C)	13327	Linear Combination	ULS
13016 (C)	13328	Linear Combination	ULS
13017 (C)	13329	Linear Combination	ULS
13018 (C)	13330	Linear Combination	ULS
13019 (C)	13331	Linear Combination	ULS
13020 (C)	13332	Linear Combination	ULS
13021 (C)	13333	Linear Combination	ULS
13022 (C)	13334	Linear Combination	ULS
13023 (C)	13335	Linear Combination	ULS
13024 (C)	13336	Linear Combination	ULS
13025 (C)	13337	Linear Combination	ULS
13026 (C)	13338	Linear Combination	ULS
13027 (C)	13339	Linear Combination	ULS
13028 (C)	13340	Linear Combination	ULS
13029 (C)	13341	Linear Combination	ULS
13030 (C)	13342	Linear Combination	ULS
13031 (C)	13343	Linear Combination	ULS
13032 (C)	13344	Linear Combination	ULS
13033 (C)	13345	Linear Combination	ULS
13034 (C)	13346	Linear Combination	ULS
13035 (C)	13347	Linear Combination	ULS
13036 (C)	13348	Linear Combination	ULS
13037 (C)	13349	Linear Combination	ULS
13038 (C)	13350	Linear Combination	ULS
13039 (C)	13351	Linear Combination	ULS
13040 (C)	13352	Linear Combination	ULS
13041 (C)	13353	Linear Combination	ULS
13042 (C)	13354	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13043 (C)	13355	Linear Combination	ULS
13044 (C)	13356	Linear Combination	ULS
13045 (C)	13357	Linear Combination	ULS
13046 (C)	13358	Linear Combination	ULS
13047 (C)	13359	Linear Combination	ULS
13048 (C)	13360	Linear Combination	ULS
13049 (C)	13361	Linear Combination	ULS
13050 (C)	13362	Linear Combination	ULS
13051 (C)	13363	Linear Combination	ULS
13052 (C)	13364	Linear Combination	ULS
13053 (C)	13365	Linear Combination	ULS
13054 (C)	13366	Linear Combination	ULS
13055 (C)	13367	Linear Combination	ULS
13056 (C)	13368	Linear Combination	ULS
13057 (C)	13369	Linear Combination	ULS
13058 (C)	13370	Linear Combination	ULS
13059 (C)	13371	Linear Combination	ULS
13060 (C)	13372	Linear Combination	ULS
13061 (C)	13373	Linear Combination	ULS
13062 (C)	13374	Linear Combination	ULS
13063 (C)	13375	Linear Combination	ULS
13064 (C)	13376	Linear Combination	ULS
13065 (C)	13377	Linear Combination	ULS
13066 (C)	13378	Linear Combination	ULS
13067 (C)	13379	Linear Combination	ULS
13068 (C)	13380	Linear Combination	ULS
13069 (C)	13381	Linear Combination	ULS
13070 (C)	13382	Linear Combination	ULS
13071 (C)	13383	Linear Combination	ULS
13072 (C)	13384	Linear Combination	ULS
13073 (C)	13385	Linear Combination	ULS
13074 (C)	13386	Linear Combination	ULS
13075 (C)	13387	Linear Combination	ULS
13076 (C)	13388	Linear Combination	ULS
13077 (C)	13389	Linear Combination	ULS
13078 (C)	13390	Linear Combination	ULS
13079 (C)	13391	Linear Combination	ULS
13080 (C)	13392	Linear Combination	ULS
13081 (C)	13393	Linear Combination	ULS
13082 (C)	13394	Linear Combination	ULS
13083 (C)	13395	Linear Combination	ULS
13084 (C)	13396	Linear Combination	ULS
13085 (C)	13397	Linear Combination	ULS
13086 (C)	13398	Linear Combination	ULS
13087 (C)	13399	Linear Combination	ULS
13088 (C)	13400	Linear Combination	ULS
13089 (C)	13401	Linear Combination	ULS
13090 (C)	13402	Linear Combination	ULS
13091 (C)	13403	Linear Combination	ULS
13092 (C)	13404	Linear Combination	ULS
13093 (C)	13405	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13094 (C)	13406	Linear Combination	ULS
13095 (C)	13407	Linear Combination	ULS
13096 (C)	13408	Linear Combination	ULS
13097 (C)	13409	Linear Combination	ULS
13098 (C)	13410	Linear Combination	ULS
13099 (C)	13411	Linear Combination	ULS
13100 (C)	13412	Linear Combination	ULS
13101 (C)	13413	Linear Combination	ULS
13102 (C)	13414	Linear Combination	ULS
13103 (C)	13415	Linear Combination	ULS
13104 (C)	13416	Linear Combination	ULS
13105 (C)	13417	Linear Combination	ULS
13106 (C)	13418	Linear Combination	ULS
13107 (C)	13419	Linear Combination	ULS
13108 (C)	13420	Linear Combination	ULS
13109 (C)	13421	Linear Combination	ULS
13110 (C)	13422	Linear Combination	ULS
13111 (C)	13423	Linear Combination	ULS
13112 (C)	13424	Linear Combination	ULS
13113 (C)	13425	Linear Combination	ULS
13114 (C)	13426	Linear Combination	ULS
13115 (C)	13427	Linear Combination	ULS
13116 (C)	13428	Linear Combination	ULS
13117 (C)	13429	Linear Combination	ULS
13118 (C)	13430	Linear Combination	ULS
13119 (C)	13431	Linear Combination	ULS
13120 (C)	13432	Linear Combination	ULS
13121 (C)	13433	Linear Combination	ULS
13122 (C)	13434	Linear Combination	ULS
13123 (C)	13435	Linear Combination	ULS
13124 (C)	13436	Linear Combination	ULS
13125 (C)	13437	Linear Combination	ULS
13126 (C)	13438	Linear Combination	ULS
13127 (C)	13439	Linear Combination	ULS
13128 (C)	13440	Linear Combination	ULS
13129 (C)	13441	Linear Combination	ULS
13130 (C)	13442	Linear Combination	ULS
13131 (C)	13443	Linear Combination	ULS
13132 (C)	13444	Linear Combination	ULS
13133 (C)	13445	Linear Combination	ULS
13134 (C)	13446	Linear Combination	ULS
13135 (C)	13447	Linear Combination	ULS
13136 (C)	13448	Linear Combination	ULS
13137 (C)	13449	Linear Combination	ULS
13138 (C)	13450	Linear Combination	ULS
13139 (C)	13451	Linear Combination	ULS
13140 (C)	13452	Linear Combination	ULS
13141 (C)	13453	Linear Combination	ULS
13142 (C)	13454	Linear Combination	ULS
13143 (C)	13455	Linear Combination	ULS
13144 (C)	13456	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13145 (C)	13457	Linear Combination	ULS
13146 (C)	13458	Linear Combination	ULS
13147 (C)	13459	Linear Combination	ULS
13148 (C)	13460	Linear Combination	ULS
13149 (C)	13461	Linear Combination	ULS
13150 (C)	13462	Linear Combination	ULS
13151 (C)	13463	Linear Combination	ULS
13152 (C)	13464	Linear Combination	ULS
13153 (C)	13465	Linear Combination	ULS
13154 (C)	13466	Linear Combination	ULS
13155 (C)	13467	Linear Combination	ULS
13156 (C)	13468	Linear Combination	ULS
13157 (C)	13469	Linear Combination	ULS
13158 (C)	13470	Linear Combination	ULS
13159 (C)	13471	Linear Combination	ULS
13160 (C)	13472	Linear Combination	ULS
13161 (C)	13473	Linear Combination	ULS
13162 (C)	13474	Linear Combination	ULS
13163 (C)	13475	Linear Combination	ULS
13164 (C)	13476	Linear Combination	ULS
13165 (C)	13477	Linear Combination	ULS
13166 (C)	13478	Linear Combination	ULS
13167 (C)	13479	Linear Combination	ULS
13168 (C)	13480	Linear Combination	ULS
13169 (C)	13481	Linear Combination	ULS
13170 (C)	13482	Linear Combination	ULS
13171 (C)	13483	Linear Combination	ULS
13172 (C)	13484	Linear Combination	ULS
13173 (C)	13485	Linear Combination	ULS
13174 (C)	13486	Linear Combination	ULS
13175 (C)	13487	Linear Combination	ULS
13176 (C)	13488	Linear Combination	ULS
13177 (C)	13489	Linear Combination	ULS
13178 (C)	13490	Linear Combination	ULS
13179 (C)	13491	Linear Combination	ULS
13180 (C)	13492	Linear Combination	ULS
13181 (C)	13493	Linear Combination	ULS
13182 (C)	13494	Linear Combination	ULS
13183 (C)	13495	Linear Combination	ULS
13184 (C)	13496	Linear Combination	ULS
13185 (C)	13497	Linear Combination	ULS
13186 (C)	13498	Linear Combination	ULS
13187 (C)	13499	Linear Combination	ULS
13188 (C)	13500	Linear Combination	ULS
13189 (C)	13501	Linear Combination	ULS
13190 (C)	13502	Linear Combination	ULS
13191 (C)	13503	Linear Combination	ULS
13192 (C)	13504	Linear Combination	ULS
13193 (C)	13505	Linear Combination	ULS
13194 (C)	13506	Linear Combination	ULS
13195 (C)	13507	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
13196 (C)	13508	Linear Combination	ULS
13197 (C)	13509	Linear Combination	ULS
13198 (C)	13510	Linear Combination	ULS
13199 (C)	13511	Linear Combination	ULS
13200 (C)	13512	Linear Combination	ULS
13201 (C)	13513	Linear Combination	ULS
13202 (C)	13514	Linear Combination	ULS
13203 (C)	13515	Linear Combination	ULS
13204 (C)	13516	Linear Combination	ULS
13205 (C)	13517	Linear Combination	ULS
13206 (C)	13518	Linear Combination	ULS
13207 (C)	13519	Linear Combination	ULS
13208 (C)	13520	Linear Combination	ULS
13209 (C)	13521	Linear Combination	ULS
13210 (C)	13522	Linear Combination	ULS
13211 (C)	13523	Linear Combination	ULS
13212 (C)	13524	Linear Combination	ULS
13213 (C)	13525	Linear Combination	ULS
13214 (C)	13526	Linear Combination	ULS
13215 (C)	13527	Linear Combination	ULS
13216 (C)	13528	Linear Combination	ULS
13217 (C)	13529	Linear Combination	ULS
13218 (C)	13530	Linear Combination	ULS
13219 (C)	13531	Linear Combination	ULS
13220 (C)	13532	Linear Combination	ULS
13221 (C)	13533	Linear Combination	ULS
13222 (C)	13534	Linear Combination	ULS
13223 (C)	13535	Linear Combination	ULS
13224 (C)	13536	Linear Combination	ULS
13225 (C)	13537	Linear Combination	ULS
13226 (C)	13538	Linear Combination	ULS
13227 (C)	13539	Linear Combination	ULS
13228 (C)	13540	Linear Combination	ULS
13229 (C)	13541	Linear Combination	ULS
13230 (C)	13542	Linear Combination	ULS
13231 (C)	13543	Linear Combination	ULS
13232 (C)	13544	Linear Combination	ULS
13233 (C)	13545	Linear Combination	ULS
13234 (C)	13546	Linear Combination	ULS
13235 (C)	13547	Linear Combination	ULS
13236 (C)	13548	Linear Combination	ULS
13237 (C)	13549	Linear Combination	ULS
13238 (C)	13550	Linear Combination	ULS
13239 (C)	13551	Linear Combination	ULS
13240 (C)	13552	Linear Combination	ULS
13241 (C)	13553	Linear Combination	ULS
13242 (C)	13554	Linear Combination	ULS
13243 (C)	13555	Linear Combination	ULS
13244 (C)	13556	Linear Combination	ULS
13245 (C)	13557	Linear Combination	ULS
13246 (C)	13558	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13247 (C)	13559	Linear Combination	ULS
13248 (C)	13560	Linear Combination	ULS
13249 (C)	13561	Linear Combination	ULS
13250 (C)	13562	Linear Combination	ULS
13251 (C)	13563	Linear Combination	ULS
13252 (C)	13564	Linear Combination	ULS
13253 (C)	13565	Linear Combination	ULS
13254 (C)	13566	Linear Combination	ULS
13255 (C)	13567	Linear Combination	ULS
13256 (C)	13568	Linear Combination	ULS
13257 (C)	13569	Linear Combination	ULS
13258 (C)	13570	Linear Combination	ULS
13259 (C)	13571	Linear Combination	ULS
13260 (C)	13572	Linear Combination	ULS
13261 (C)	13573	Linear Combination	ULS
13262 (C)	13574	Linear Combination	ULS
13263 (C)	13575	Linear Combination	ULS
13264 (C)	13576	Linear Combination	ULS
13265 (C)	13577	Linear Combination	ULS
13266 (C)	13578	Linear Combination	ULS
13267 (C)	13579	Linear Combination	ULS
13268 (C)	13580	Linear Combination	ULS
13269 (C)	13581	Linear Combination	ULS
13270 (C)	13582	Linear Combination	ULS
13271 (C)	13583	Linear Combination	ULS
13272 (C)	13584	Linear Combination	ULS
13273 (C)	13585	Linear Combination	ULS
13274 (C)	13586	Linear Combination	ULS
13275 (C)	13587	Linear Combination	ULS
13276 (C)	13588	Linear Combination	ULS
13277 (C)	13589	Linear Combination	ULS
13278 (C)	13590	Linear Combination	ULS
13279 (C)	13591	Linear Combination	ULS
13280 (C)	13592	Linear Combination	ULS
13281 (C)	13593	Linear Combination	ULS
13282 (C)	13594	Linear Combination	ULS
13283 (C)	13595	Linear Combination	ULS
13284 (C)	13596	Linear Combination	ULS
13285 (C)	13597	Linear Combination	ULS
13286 (C)	13598	Linear Combination	ULS
13287 (C)	13599	Linear Combination	ULS
13288 (C)	13600	Linear Combination	ULS
13289 (C)	13601	Linear Combination	ULS
13290 (C)	13602	Linear Combination	ULS
13291 (C)	13603	Linear Combination	ULS
13292 (C)	13604	Linear Combination	ULS
13293 (C)	13605	Linear Combination	ULS
13294 (C)	13606	Linear Combination	ULS
13295 (C)	13607	Linear Combination	ULS
13296 (C)	13608	Linear Combination	ULS
13297 (C)	13609	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13298 (C)	13610	Linear Combination	ULS
13299 (C)	13611	Linear Combination	ULS
13300 (C)	13612	Linear Combination	ULS
13301 (C)	13613	Linear Combination	ULS
13302 (C)	13614	Linear Combination	ULS
13303 (C)	13615	Linear Combination	ULS
13304 (C)	13616	Linear Combination	ULS
13305 (C)	13617	Linear Combination	ULS
13306 (C)	13618	Linear Combination	ULS
13307 (C)	13619	Linear Combination	ULS
13308 (C)	13620	Linear Combination	ULS
13309 (C)	13621	Linear Combination	ULS
13310 (C)	13622	Linear Combination	ULS
13311 (C)	13623	Linear Combination	ULS
13312 (C)	13624	Linear Combination	ULS
13313 (C)	13625	Linear Combination	ULS
13314 (C)	13626	Linear Combination	ULS
13315 (C)	13627	Linear Combination	ULS
13316 (C)	13628	Linear Combination	ULS
13317 (C)	13629	Linear Combination	ULS
13318 (C)	13630	Linear Combination	ULS
13319 (C)	13631	Linear Combination	ULS
13320 (C)	13632	Linear Combination	ULS
13321 (C)	13633	Linear Combination	ULS
13322 (C)	13634	Linear Combination	ULS
13323 (C)	13635	Linear Combination	ULS
13324 (C)	13636	Linear Combination	ULS
13325 (C)	13637	Linear Combination	ULS
13326 (C)	13638	Linear Combination	ULS
13327 (C)	13639	Linear Combination	ULS
13328 (C)	13640	Linear Combination	ULS
13329 (C)	13641	Linear Combination	ULS
13330 (C)	13642	Linear Combination	ULS
13331 (C)	13643	Linear Combination	ULS
13332 (C)	13644	Linear Combination	ULS
13333 (C)	13645	Linear Combination	ULS
13334 (C)	13646	Linear Combination	ULS
13335 (C)	13647	Linear Combination	ULS
13336 (C)	13648	Linear Combination	ULS
13337 (C)	13649	Linear Combination	ULS
13338 (C)	13650	Linear Combination	ULS
13339 (C)	13651	Linear Combination	ULS
13340 (C)	13652	Linear Combination	ULS
13341 (C)	13653	Linear Combination	ULS
13342 (C)	13654	Linear Combination	ULS
13343 (C)	13655	Linear Combination	ULS
13344 (C)	13656	Linear Combination	ULS
13345 (C)	13657	Linear Combination	ULS
13346 (C)	13658	Linear Combination	ULS
13347 (C)	13659	Linear Combination	ULS
13348 (C)	13660	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13349 (C)	13661	Linear Combination	ULS
13350 (C)	13662	Linear Combination	ULS
13351 (C)	13663	Linear Combination	ULS
13352 (C)	13664	Linear Combination	ULS
13353 (C)	13665	Linear Combination	ULS
13354 (C)	13666	Linear Combination	ULS
13355 (C)	13667	Linear Combination	ULS
13356 (C)	13668	Linear Combination	ULS
13357 (C)	13669	Linear Combination	ULS
13358 (C)	13670	Linear Combination	ULS
13359 (C)	13671	Linear Combination	ULS
13360 (C)	13672	Linear Combination	ULS
13361 (C)	13673	Linear Combination	ULS
13362 (C)	13674	Linear Combination	ULS
13363 (C)	13675	Linear Combination	ULS
13364 (C)	13676	Linear Combination	ULS
13365 (C)	13677	Linear Combination	ULS
13366 (C)	13678	Linear Combination	ULS
13367 (C)	13679	Linear Combination	ULS
13368 (C)	13680	Linear Combination	ULS
13369 (C)	13681	Linear Combination	ULS
13370 (C)	13682	Linear Combination	ULS
13371 (C)	13683	Linear Combination	ULS
13372 (C)	13684	Linear Combination	ULS
13373 (C)	13685	Linear Combination	ULS
13374 (C)	13686	Linear Combination	ULS
13375 (C)	13687	Linear Combination	ULS
13376 (C)	13688	Linear Combination	ULS
13377 (C)	13689	Linear Combination	ULS
13378 (C)	13690	Linear Combination	ULS
13379 (C)	13691	Linear Combination	ULS
13380 (C)	13692	Linear Combination	ULS
13381 (C)	13693	Linear Combination	ULS
13382 (C)	13694	Linear Combination	ULS
13383 (C)	13695	Linear Combination	ULS
13384 (C)	13696	Linear Combination	ULS
13385 (C)	13697	Linear Combination	ULS
13386 (C)	13698	Linear Combination	ULS
13387 (C)	13699	Linear Combination	ULS
13388 (C)	13700	Linear Combination	ULS
13389 (C)	13701	Linear Combination	ULS
13390 (C)	13702	Linear Combination	ULS
13391 (C)	13703	Linear Combination	ULS
13392 (C)	13704	Linear Combination	ULS
13393 (C)	13705	Linear Combination	ULS
13394 (C)	13706	Linear Combination	ULS
13395 (C)	13707	Linear Combination	ULS
13396 (C)	13708	Linear Combination	ULS
13397 (C)	13709	Linear Combination	ULS
13398 (C)	13710	Linear Combination	ULS
13399 (C)	13711	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
13400 (C)	13712	Linear Combination	ULS
13401 (C)	13713	Linear Combination	ULS
13402 (C)	13714	Linear Combination	ULS
13403 (C)	13715	Linear Combination	ULS
13404 (C)	13716	Linear Combination	ULS
13405 (C)	13717	Linear Combination	ULS
13406 (C)	13718	Linear Combination	ULS
13407 (C)	13719	Linear Combination	ULS
13408 (C)	13720	Linear Combination	ULS
13409 (C)	13721	Linear Combination	ULS
13410 (C)	13722	Linear Combination	ULS
13411 (C)	13723	Linear Combination	ULS
13412 (C)	13724	Linear Combination	ULS
13413 (C)	13725	Linear Combination	ULS
13414 (C)	13726	Linear Combination	ULS
13415 (C)	13727	Linear Combination	ULS
13416 (C)	13728	Linear Combination	ULS
13417 (C)	13729	Linear Combination	ULS
13418 (C)	13730	Linear Combination	ULS
13419 (C)	13731	Linear Combination	ULS
13420 (C)	13732	Linear Combination	ULS
13421 (C)	13733	Linear Combination	ULS
13422 (C)	13734	Linear Combination	ULS
13423 (C)	13735	Linear Combination	ULS
13424 (C)	13736	Linear Combination	ULS
13425 (C)	13737	Linear Combination	ULS
13426 (C)	13738	Linear Combination	ULS
13427 (C)	13739	Linear Combination	ULS
13428 (C)	13740	Linear Combination	ULS
13429 (C)	13741	Linear Combination	ULS
13430 (C)	13742	Linear Combination	ULS
13431 (C)	13743	Linear Combination	ULS
13432 (C)	13744	Linear Combination	ULS
13433 (C)	13745	Linear Combination	ULS
13434 (C)	13746	Linear Combination	ULS
13435 (C)	13747	Linear Combination	ULS
13436 (C)	13748	Linear Combination	ULS
13437 (C)	13749	Linear Combination	ULS
13438 (C)	13750	Linear Combination	ULS
13439 (C)	13751	Linear Combination	ULS
13440 (C)	13752	Linear Combination	ULS
13441 (C)	13753	Linear Combination	ULS
13442 (C)	13754	Linear Combination	ULS
13443 (C)	13755	Linear Combination	ULS
13444 (C)	13756	Linear Combination	ULS
13445 (C)	13757	Linear Combination	ULS
13446 (C)	13758	Linear Combination	ULS
13447 (C)	13759	Linear Combination	ULS
13448 (C)	13760	Linear Combination	ULS
13449 (C)	13761	Linear Combination	ULS
13450 (C)	13762	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13451 (C)	13763	Linear Combination	ULS
13452 (C)	13764	Linear Combination	ULS
13453 (C)	13765	Linear Combination	ULS
13454 (C)	13766	Linear Combination	ULS
13455 (C)	13767	Linear Combination	ULS
13456 (C)	13768	Linear Combination	ULS
13457 (C)	13769	Linear Combination	ULS
13458 (C)	13770	Linear Combination	ULS
13459 (C)	13771	Linear Combination	ULS
13460 (C)	13772	Linear Combination	ULS
13461 (C)	13773	Linear Combination	ULS
13462 (C)	13774	Linear Combination	ULS
13463 (C)	13775	Linear Combination	ULS
13464 (C)	13776	Linear Combination	ULS
13465 (C)	13777	Linear Combination	ULS
13466 (C)	13778	Linear Combination	ULS
13467 (C)	13779	Linear Combination	ULS
13468 (C)	13780	Linear Combination	ULS
13469 (C)	13781	Linear Combination	ULS
13470 (C)	13782	Linear Combination	ULS
13471 (C)	13783	Linear Combination	ULS
13472 (C)	13784	Linear Combination	ULS
13473 (C)	13785	Linear Combination	ULS
13474 (C)	13786	Linear Combination	ULS
13475 (C)	13787	Linear Combination	ULS
13476 (C)	13788	Linear Combination	ULS
13477 (C)	13789	Linear Combination	ULS
13478 (C)	13790	Linear Combination	ULS
13479 (C)	13791	Linear Combination	ULS
13480 (C)	13792	Linear Combination	ULS
13481 (C)	13793	Linear Combination	ULS
13482 (C)	13794	Linear Combination	ULS
13483 (C)	13795	Linear Combination	ULS
13484 (C)	13796	Linear Combination	ULS
13485 (C)	13797	Linear Combination	ULS
13486 (C)	13798	Linear Combination	ULS
13487 (C)	13799	Linear Combination	ULS
13488 (C)	13800	Linear Combination	ULS
13489 (C)	13801	Linear Combination	ULS
13490 (C)	13802	Linear Combination	ULS
13491 (C)	13803	Linear Combination	ULS
13492 (C)	13804	Linear Combination	ULS
13493 (C)	13805	Linear Combination	ULS
13494 (C)	13806	Linear Combination	ULS
13495 (C)	13807	Linear Combination	ULS
13496 (C)	13808	Linear Combination	ULS
13497 (C)	13809	Linear Combination	ULS
13498 (C)	13810	Linear Combination	ULS
13499 (C)	13811	Linear Combination	ULS
13500 (C)	13812	Linear Combination	ULS
13501 (C)	13813	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
13502 (C)	13814	Linear Combination	ULS
13503 (C)	13815	Linear Combination	ULS
13504 (C)	13816	Linear Combination	ULS
13505 (C)	13817	Linear Combination	ULS
13506 (C)	13818	Linear Combination	ULS
13507 (C)	13819	Linear Combination	ULS
13508 (C)	13820	Linear Combination	ULS
13509 (C)	13821	Linear Combination	ULS
13510 (C)	13822	Linear Combination	ULS
13511 (C)	13823	Linear Combination	ULS
13512 (C)	13824	Linear Combination	ULS
13513 (C)	13825	Linear Combination	ULS
13514 (C)	13826	Linear Combination	ULS
13515 (C)	13827	Linear Combination	ULS
13516 (C)	13828	Linear Combination	ULS
13517 (C)	13829	Linear Combination	ULS
13518 (C)	13830	Linear Combination	ULS
13519 (C)	13831	Linear Combination	ULS
13520 (C)	13832	Linear Combination	ULS
13521 (C)	13833	Linear Combination	ULS
13522 (C)	13834	Linear Combination	ULS
13523 (C)	13835	Linear Combination	ULS
13524 (C)	13836	Linear Combination	ULS
13525 (C)	13837	Linear Combination	ULS
13526 (C)	13838	Linear Combination	ULS
13527 (C)	13839	Linear Combination	ULS
13528 (C)	13840	Linear Combination	ULS
13529 (C)	13841	Linear Combination	ULS
13530 (C)	13842	Linear Combination	ULS
13531 (C)	13843	Linear Combination	ULS
13532 (C)	13844	Linear Combination	ULS
13533 (C)	13845	Linear Combination	ULS
13534 (C)	13846	Linear Combination	ULS
13535 (C)	13847	Linear Combination	ULS
13536 (C)	13848	Linear Combination	ULS
13537 (C)	13849	Linear Combination	ULS
13538 (C)	13850	Linear Combination	ULS
13539 (C)	13851	Linear Combination	ULS
13540 (C)	13852	Linear Combination	ULS
13541 (C)	13853	Linear Combination	ULS
13542 (C)	13854	Linear Combination	ULS
13543 (C)	13855	Linear Combination	ULS
13544 (C)	13856	Linear Combination	ULS
13545 (C)	13857	Linear Combination	ULS
13546 (C)	13858	Linear Combination	ULS
13547 (C)	13859	Linear Combination	ULS
13548 (C)	13860	Linear Combination	ULS
13549 (C)	13861	Linear Combination	ULS
13550 (C)	13862	Linear Combination	ULS
13551 (C)	13863	Linear Combination	ULS
13552 (C)	13864	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13553 (C)	13865	Linear Combination	ULS
13554 (C)	13866	Linear Combination	ULS
13555 (C)	13867	Linear Combination	ULS
13556 (C)	13868	Linear Combination	ULS
13557 (C)	13869	Linear Combination	ULS
13558 (C)	13870	Linear Combination	ULS
13559 (C)	13871	Linear Combination	ULS
13560 (C)	13872	Linear Combination	ULS
13561 (C)	13873	Linear Combination	ULS
13562 (C)	13874	Linear Combination	ULS
13563 (C)	13875	Linear Combination	ULS
13564 (C)	13876	Linear Combination	ULS
13565 (C)	13877	Linear Combination	ULS
13566 (C)	13878	Linear Combination	ULS
13567 (C)	13879	Linear Combination	ULS
13568 (C)	13880	Linear Combination	ULS
13569 (C)	13881	Linear Combination	ULS
13570 (C)	13882	Linear Combination	ULS
13571 (C)	13883	Linear Combination	ULS
13572 (C)	13884	Linear Combination	ULS
13573 (C)	13885	Linear Combination	ULS
13574 (C)	13886	Linear Combination	ULS
13575 (C)	13887	Linear Combination	ULS
13576 (C)	13888	Linear Combination	ULS
13577 (C)	13889	Linear Combination	ULS
13578 (C)	13890	Linear Combination	ULS
13579 (C)	13891	Linear Combination	ULS
13580 (C)	13892	Linear Combination	ULS
13581 (C)	13893	Linear Combination	ULS
13582 (C)	13894	Linear Combination	ULS
13583 (C)	13895	Linear Combination	ULS
13584 (C)	13896	Linear Combination	ULS
13585 (C)	13897	Linear Combination	ULS
13586 (C)	13898	Linear Combination	ULS
13587 (C)	13899	Linear Combination	ULS
13588 (C)	13900	Linear Combination	ULS
13589 (C)	13901	Linear Combination	ULS
13590 (C)	13902	Linear Combination	ULS
13591 (C)	13903	Linear Combination	ULS
13592 (C)	13904	Linear Combination	ULS
13593 (C)	13905	Linear Combination	ULS
13594 (C)	13906	Linear Combination	ULS
13595 (C)	13907	Linear Combination	ULS
13596 (C)	13908	Linear Combination	ULS
13597 (C)	13909	Linear Combination	ULS
13598 (C)	13910	Linear Combination	ULS
13599 (C)	13911	Linear Combination	ULS
13600 (C)	13912	Linear Combination	ULS
13601 (C)	13913	Linear Combination	ULS
13602 (C)	13914	Linear Combination	ULS
13603 (C)	13915	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13604 (C)	13916	Linear Combination	ULS
13605 (C)	13917	Linear Combination	ULS
13606 (C)	13918	Linear Combination	ULS
13607 (C)	13919	Linear Combination	ULS
13608 (C)	13920	Linear Combination	ULS
13609 (C)	13921	Linear Combination	ULS
13610 (C)	13922	Linear Combination	ULS
13611 (C)	13923	Linear Combination	ULS
13612 (C)	13924	Linear Combination	ULS
13613 (C)	13925	Linear Combination	ULS
13614 (C)	13926	Linear Combination	ULS
13615 (C)	13927	Linear Combination	ULS
13616 (C)	13928	Linear Combination	ULS
13617 (C)	13929	Linear Combination	ULS
13618 (C)	13930	Linear Combination	ULS
13619 (C)	13931	Linear Combination	ULS
13620 (C)	13932	Linear Combination	ULS
13621 (C)	13933	Linear Combination	ULS
13622 (C)	13934	Linear Combination	ULS
13623 (C)	13935	Linear Combination	ULS
13624 (C)	13936	Linear Combination	ULS
13625 (C)	13937	Linear Combination	ULS
13626 (C)	13938	Linear Combination	ULS
13627 (C)	13939	Linear Combination	ULS
13628 (C)	13940	Linear Combination	ULS
13629 (C)	13941	Linear Combination	ULS
13630 (C)	13942	Linear Combination	ULS
13631 (C)	13943	Linear Combination	ULS
13632 (C)	13944	Linear Combination	ULS
13633 (C)	13945	Linear Combination	ULS
13634 (C)	13946	Linear Combination	ULS
13635 (C)	13947	Linear Combination	ULS
13636 (C)	13948	Linear Combination	ULS
13637 (C)	13949	Linear Combination	ULS
13638 (C)	13950	Linear Combination	ULS
13639 (C)	13951	Linear Combination	ULS
13640 (C)	13952	Linear Combination	ULS
13641 (C)	13953	Linear Combination	ULS
13642 (C)	13954	Linear Combination	ULS
13643 (C)	13955	Linear Combination	ULS
13644 (C)	13956	Linear Combination	ULS
13645 (C)	13957	Linear Combination	ULS
13646 (C)	13958	Linear Combination	ULS
13647 (C)	13959	Linear Combination	ULS
13648 (C)	13960	Linear Combination	ULS
13649 (C)	13961	Linear Combination	ULS
13650 (C)	13962	Linear Combination	ULS
13651 (C)	13963	Linear Combination	ULS
13652 (C)	13964	Linear Combination	ULS
13653 (C)	13965	Linear Combination	ULS
13654 (C)	13966	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13655 (C)	13967	Linear Combination	ULS
13656 (C)	13968	Linear Combination	ULS
13657 (C)	13969	Linear Combination	ULS
13658 (C)	13970	Linear Combination	ULS
13659 (C)	13971	Linear Combination	ULS
13660 (C)	13972	Linear Combination	ULS
13661 (C)	13973	Linear Combination	ULS
13662 (C)	13974	Linear Combination	ULS
13663 (C)	13975	Linear Combination	ULS
13664 (C)	13976	Linear Combination	ULS
13665 (C)	13977	Linear Combination	ULS
13666 (C)	13978	Linear Combination	ULS
13667 (C)	13979	Linear Combination	ULS
13668 (C)	13980	Linear Combination	ULS
13669 (C)	13981	Linear Combination	ULS
13670 (C)	13982	Linear Combination	ULS
13671 (C)	13983	Linear Combination	ULS
13672 (C)	13984	Linear Combination	ULS
13673 (C)	13985	Linear Combination	ULS
13674 (C)	13986	Linear Combination	ULS
13675 (C)	13987	Linear Combination	ULS
13676 (C)	13988	Linear Combination	ULS
13677 (C)	13989	Linear Combination	ULS
13678 (C)	13990	Linear Combination	ULS
13679 (C)	13991	Linear Combination	ULS
13680 (C)	13992	Linear Combination	ULS
13681 (C)	13993	Linear Combination	ULS
13682 (C)	13994	Linear Combination	ULS
13683 (C)	13995	Linear Combination	ULS
13684 (C)	13996	Linear Combination	ULS
13685 (C)	13997	Linear Combination	ULS
13686 (C)	13998	Linear Combination	ULS
13687 (C)	13999	Linear Combination	ULS
13688 (C)	14000	Linear Combination	ULS
13689 (C)	14001	Linear Combination	ULS
13690 (C)	14002	Linear Combination	ULS
13691 (C)	14003	Linear Combination	ULS
13692 (C)	14004	Linear Combination	ULS
13693 (C)	14005	Linear Combination	ULS
13694 (C)	14006	Linear Combination	ULS
13695 (C)	14007	Linear Combination	ULS
13696 (C)	14008	Linear Combination	ULS
13697 (C)	14009	Linear Combination	ULS
13698 (C)	14010	Linear Combination	ULS
13699 (C)	14011	Linear Combination	ULS
13700 (C)	14012	Linear Combination	ULS
13701 (C)	14013	Linear Combination	ULS
13702 (C)	14014	Linear Combination	ULS
13703 (C)	14015	Linear Combination	ULS
13704 (C)	14016	Linear Combination	ULS
13705 (C)	14017	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13706 (C)	14018	Linear Combination	ULS
13707 (C)	14019	Linear Combination	ULS
13708 (C)	14020	Linear Combination	ULS
13709 (C)	14021	Linear Combination	ULS
13710 (C)	14022	Linear Combination	ULS
13711 (C)	14023	Linear Combination	ULS
13712 (C)	14024	Linear Combination	ULS
13713 (C)	14025	Linear Combination	ULS
13714 (C)	14026	Linear Combination	ULS
13715 (C)	14027	Linear Combination	ULS
13716 (C)	14028	Linear Combination	ULS
13717 (C)	14029	Linear Combination	ULS
13718 (C)	14030	Linear Combination	ULS
13719 (C)	14031	Linear Combination	ULS
13720 (C)	14032	Linear Combination	ULS
13721 (C)	14033	Linear Combination	ULS
13722 (C)	14034	Linear Combination	ULS
13723 (C)	14035	Linear Combination	ULS
13724 (C)	14036	Linear Combination	ULS
13725 (C)	14037	Linear Combination	ULS
13726 (C)	14038	Linear Combination	ULS
13727 (C)	14039	Linear Combination	ULS
13728 (C)	14040	Linear Combination	ULS
13729 (C)	14041	Linear Combination	ULS
13730 (C)	14042	Linear Combination	ULS
13731 (C)	14043	Linear Combination	ULS
13732 (C)	14044	Linear Combination	ULS
13733 (C)	14045	Linear Combination	ULS
13734 (C)	14046	Linear Combination	ULS
13735 (C)	14047	Linear Combination	ULS
13736 (C)	14048	Linear Combination	ULS
13737 (C)	14049	Linear Combination	ULS
13738 (C)	14050	Linear Combination	ULS
13739 (C)	14051	Linear Combination	ULS
13740 (C)	14052	Linear Combination	ULS
13741 (C)	14053	Linear Combination	ULS
13742 (C)	14054	Linear Combination	ULS
13743 (C)	14055	Linear Combination	ULS
13744 (C)	14056	Linear Combination	ULS
13745 (C)	14057	Linear Combination	ULS
13746 (C)	14058	Linear Combination	ULS
13747 (C)	14059	Linear Combination	ULS
13748 (C)	14060	Linear Combination	ULS
13749 (C)	14061	Linear Combination	ULS
13750 (C)	14062	Linear Combination	ULS
13751 (C)	14063	Linear Combination	ULS
13752 (C)	14064	Linear Combination	ULS
13753 (C)	14065	Linear Combination	ULS
13754 (C)	14066	Linear Combination	ULS
13755 (C)	14067	Linear Combination	ULS
13756 (C)	14068	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13757 (C)	14069	Linear Combination	ULS
13758 (C)	14070	Linear Combination	ULS
13759 (C)	14071	Linear Combination	ULS
13760 (C)	14072	Linear Combination	ULS
13761 (C)	14073	Linear Combination	ULS
13762 (C)	14074	Linear Combination	ULS
13763 (C)	14075	Linear Combination	ULS
13764 (C)	14076	Linear Combination	ULS
13765 (C)	14077	Linear Combination	ULS
13766 (C)	14078	Linear Combination	ULS
13767 (C)	14079	Linear Combination	ULS
13768 (C)	14080	Linear Combination	ULS
13769 (C)	14081	Linear Combination	ULS
13770 (C)	14082	Linear Combination	ULS
13771 (C)	14083	Linear Combination	ULS
13772 (C)	14084	Linear Combination	ULS
13773 (C)	14085	Linear Combination	ULS
13774 (C)	14086	Linear Combination	ULS
13775 (C)	14087	Linear Combination	ULS
13776 (C)	14088	Linear Combination	ULS
13777 (C)	14089	Linear Combination	ULS
13778 (C)	14090	Linear Combination	ULS
13779 (C)	14091	Linear Combination	ULS
13780 (C)	14092	Linear Combination	ULS
13781 (C)	14093	Linear Combination	ULS
13782 (C)	14094	Linear Combination	ULS
13783 (C)	14095	Linear Combination	ULS
13784 (C)	14096	Linear Combination	ULS
13785 (C)	14097	Linear Combination	ULS
13786 (C)	14098	Linear Combination	ULS
13787 (C)	14099	Linear Combination	ULS
13788 (C)	14100	Linear Combination	ULS
13789 (C)	14101	Linear Combination	ULS
13790 (C)	14102	Linear Combination	ULS
13791 (C)	14103	Linear Combination	ULS
13792 (C)	14104	Linear Combination	ULS
13793 (C)	14105	Linear Combination	ULS
13794 (C)	14106	Linear Combination	ULS
13795 (C)	14107	Linear Combination	ULS
13796 (C)	14108	Linear Combination	ULS
13797 (C)	14109	Linear Combination	ULS
13798 (C)	14110	Linear Combination	ULS
13799 (C)	14111	Linear Combination	ULS
13800 (C)	14112	Linear Combination	ULS
13801 (C)	14113	Linear Combination	ULS
13802 (C)	14114	Linear Combination	ULS
13803 (C)	14115	Linear Combination	ULS
13804 (C)	14116	Linear Combination	ULS
13805 (C)	14117	Linear Combination	ULS
13806 (C)	14118	Linear Combination	ULS
13807 (C)	14119	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
13808 (C)	14120	Linear Combination	ULS
13809 (C)	14121	Linear Combination	ULS
13810 (C)	14122	Linear Combination	ULS
13811 (C)	14123	Linear Combination	ULS
13812 (C)	14124	Linear Combination	ULS
13813 (C)	14125	Linear Combination	ULS
13814 (C)	14126	Linear Combination	ULS
13815 (C)	14127	Linear Combination	ULS
13816 (C)	14128	Linear Combination	ULS
13817 (C)	14129	Linear Combination	ULS
13818 (C)	14130	Linear Combination	ULS
13819 (C)	14131	Linear Combination	ULS
13820 (C)	14132	Linear Combination	ULS
13821 (C)	14133	Linear Combination	ULS
13822 (C)	14134	Linear Combination	ULS
13823 (C)	14135	Linear Combination	ULS
13824 (C)	14136	Linear Combination	ULS
13825 (C)	14137	Linear Combination	ULS
13826 (C)	14138	Linear Combination	ULS
13827 (C)	14139	Linear Combination	ULS
13828 (C)	14140	Linear Combination	ULS
13829 (C)	14141	Linear Combination	ULS
13830 (C)	14142	Linear Combination	ULS
13831 (C)	14143	Linear Combination	ULS
13832 (C)	14144	Linear Combination	ULS
13833 (C)	14145	Linear Combination	ULS
13834 (C)	14146	Linear Combination	ULS
13835 (C)	14147	Linear Combination	ULS
13836 (C)	14148	Linear Combination	ULS
13837 (C)	14149	Linear Combination	ULS
13838 (C)	14150	Linear Combination	ULS
13839 (C)	14151	Linear Combination	ULS
13840 (C)	14152	Linear Combination	ULS
13841 (C)	14153	Linear Combination	ULS
13842 (C)	14154	Linear Combination	ULS
13843 (C)	14155	Linear Combination	ULS
13844 (C)	14156	Linear Combination	ULS
13845 (C)	14157	Linear Combination	ULS
13846 (C)	14158	Linear Combination	ULS
13847 (C)	14159	Linear Combination	ULS
13848 (C)	14160	Linear Combination	ULS
13849 (C)	14161	Linear Combination	ULS
13850 (C)	14162	Linear Combination	ULS
13851 (C)	14163	Linear Combination	ULS
13852 (C)	14164	Linear Combination	ULS
13853 (C)	14165	Linear Combination	ULS
13854 (C)	14166	Linear Combination	ULS
13855 (C)	14167	Linear Combination	ULS
13856 (C)	14168	Linear Combination	ULS
13857 (C)	14169	Linear Combination	ULS
13858 (C)	14170	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13859 (C)	14171	Linear Combination	ULS
13860 (C)	14172	Linear Combination	ULS
13861 (C)	14173	Linear Combination	ULS
13862 (C)	14174	Linear Combination	ULS
13863 (C)	14175	Linear Combination	ULS
13864 (C)	14176	Linear Combination	ULS
13865 (C)	14177	Linear Combination	ULS
13866 (C)	14178	Linear Combination	ULS
13867 (C)	14179	Linear Combination	ULS
13868 (C)	14180	Linear Combination	ULS
13869 (C)	14181	Linear Combination	ULS
13870 (C)	14182	Linear Combination	ULS
13871 (C)	14183	Linear Combination	ULS
13872 (C)	14184	Linear Combination	ULS
13873 (C)	14185	Linear Combination	ULS
13874 (C)	14186	Linear Combination	ULS
13875 (C)	14187	Linear Combination	ULS
13876 (C)	14188	Linear Combination	ULS
13877 (C)	14189	Linear Combination	ULS
13878 (C)	14190	Linear Combination	ULS
13879 (C)	14191	Linear Combination	ULS
13880 (C)	14192	Linear Combination	ULS
13881 (C)	14193	Linear Combination	ULS
13882 (C)	14194	Linear Combination	ULS
13883 (C)	14195	Linear Combination	ULS
13884 (C)	14196	Linear Combination	ULS
13885 (C)	14197	Linear Combination	ULS
13886 (C)	14198	Linear Combination	ULS
13887 (C)	14199	Linear Combination	ULS
13888 (C)	14200	Linear Combination	ULS
13889 (C)	14201	Linear Combination	ULS
13890 (C)	14202	Linear Combination	ULS
13891 (C)	14203	Linear Combination	ULS
13892 (C)	14204	Linear Combination	ULS
13893 (C)	14205	Linear Combination	ULS
13894 (C)	14206	Linear Combination	ULS
13895 (C)	14207	Linear Combination	ULS
13896 (C)	14208	Linear Combination	ULS
13897 (C)	14209	Linear Combination	ULS
13898 (C)	14210	Linear Combination	ULS
13899 (C)	14211	Linear Combination	ULS
13900 (C)	14212	Linear Combination	ULS
13901 (C)	14213	Linear Combination	ULS
13902 (C)	14214	Linear Combination	ULS
13903 (C)	14215	Linear Combination	ULS
13904 (C)	14216	Linear Combination	ULS
13905 (C)	14217	Linear Combination	ULS
13906 (C)	14218	Linear Combination	ULS
13907 (C)	14219	Linear Combination	ULS
13908 (C)	14220	Linear Combination	ULS
13909 (C)	14221	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
13910 (C)	14222	Linear Combination	ULS
13911 (C)	14223	Linear Combination	ULS
13912 (C)	14224	Linear Combination	ULS
13913 (C)	14225	Linear Combination	ULS
13914 (C)	14226	Linear Combination	ULS
13915 (C)	14227	Linear Combination	ULS
13916 (C)	14228	Linear Combination	ULS
13917 (C)	14229	Linear Combination	ULS
13918 (C)	14230	Linear Combination	ULS
13919 (C)	14231	Linear Combination	ULS
13920 (C)	14232	Linear Combination	ULS
13921 (C)	14233	Linear Combination	ULS
13922 (C)	14234	Linear Combination	ULS
13923 (C)	14235	Linear Combination	ULS
13924 (C)	14236	Linear Combination	ULS
13925 (C)	14237	Linear Combination	ULS
13926 (C)	14238	Linear Combination	ULS
13927 (C)	14239	Linear Combination	ULS
13928 (C)	14240	Linear Combination	ULS
13929 (C)	14241	Linear Combination	ULS
13930 (C)	14242	Linear Combination	ULS
13931 (C)	14243	Linear Combination	ULS
13932 (C)	14244	Linear Combination	ULS
13933 (C)	14245	Linear Combination	ULS
13934 (C)	14246	Linear Combination	ULS
13935 (C)	14247	Linear Combination	ULS
13936 (C)	14248	Linear Combination	ULS
13937 (C)	14249	Linear Combination	ULS
13938 (C)	14250	Linear Combination	ULS
13939 (C)	14251	Linear Combination	ULS
13940 (C)	14252	Linear Combination	ULS
13941 (C)	14253	Linear Combination	ULS
13942 (C)	14254	Linear Combination	ULS
13943 (C)	14255	Linear Combination	ULS
13944 (C)	14256	Linear Combination	ULS
13945 (C)	14257	Linear Combination	ULS
13946 (C)	14258	Linear Combination	ULS
13947 (C)	14259	Linear Combination	ULS
13948 (C)	14260	Linear Combination	ULS
13949 (C)	14261	Linear Combination	ULS
13950 (C)	14262	Linear Combination	ULS
13951 (C)	14263	Linear Combination	ULS
13952 (C)	14264	Linear Combination	ULS
13953 (C)	14265	Linear Combination	ULS
13954 (C)	14266	Linear Combination	ULS
13955 (C)	14267	Linear Combination	ULS
13956 (C)	14268	Linear Combination	ULS
13957 (C)	14269	Linear Combination	ULS
13958 (C)	14270	Linear Combination	ULS
13959 (C)	14271	Linear Combination	ULS
13960 (C)	14272	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
13961 (C)	14273	Linear Combination	ULS
13962 (C)	14274	Linear Combination	ULS
13963 (C)	14275	Linear Combination	ULS
13964 (C)	14276	Linear Combination	ULS
13965 (C)	14277	Linear Combination	ULS
13966 (C)	14278	Linear Combination	ULS
13967 (C)	14279	Linear Combination	ULS
13968 (C)	14280	Linear Combination	ULS
13969 (C)	14281	Linear Combination	ULS
13970 (C)	14282	Linear Combination	ULS
13971 (C)	14283	Linear Combination	ULS
13972 (C)	14284	Linear Combination	ULS
13973 (C)	14285	Linear Combination	ULS
13974 (C)	14286	Linear Combination	ULS
13975 (C)	14287	Linear Combination	ULS
13976 (C)	14288	Linear Combination	ULS
13977 (C)	14289	Linear Combination	ULS
13978 (C)	14290	Linear Combination	ULS
13979 (C)	14291	Linear Combination	ULS
13980 (C)	14292	Linear Combination	ULS
13981 (C)	14293	Linear Combination	ULS
13982 (C)	14294	Linear Combination	ULS
13983 (C)	14295	Linear Combination	ULS
13984 (C)	14296	Linear Combination	ULS
13985 (C)	14297	Linear Combination	ULS
13986 (C)	14298	Linear Combination	ULS
13987 (C)	14299	Linear Combination	ULS
13988 (C)	14300	Linear Combination	ULS
13989 (C)	14301	Linear Combination	ULS
13990 (C)	14302	Linear Combination	ULS
13991 (C)	14303	Linear Combination	ULS
13992 (C)	14304	Linear Combination	ULS
13993 (C)	14305	Linear Combination	ULS
13994 (C)	14306	Linear Combination	ULS
13995 (C)	14307	Linear Combination	ULS
13996 (C)	14308	Linear Combination	ULS
13997 (C)	14309	Linear Combination	ULS
13998 (C)	14310	Linear Combination	ULS
13999 (C)	14311	Linear Combination	ULS
14000 (C)	14312	Linear Combination	ULS
14001 (C)	14313	Linear Combination	ULS
14002 (C)	14314	Linear Combination	ULS
14003 (C)	14315	Linear Combination	ULS
14004 (C)	14316	Linear Combination	ULS
14005 (C)	14317	Linear Combination	ULS
14006 (C)	14318	Linear Combination	ULS
14007 (C)	14319	Linear Combination	ULS
14008 (C)	14320	Linear Combination	ULS
14009 (C)	14321	Linear Combination	ULS
14010 (C)	14322	Linear Combination	ULS
14011 (C)	14323	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14012 (C)	14324	Linear Combination	ULS
14013 (C)	14325	Linear Combination	ULS
14014 (C)	14326	Linear Combination	ULS
14015 (C)	14327	Linear Combination	ULS
14016 (C)	14328	Linear Combination	ULS
14017 (C)	14329	Linear Combination	ULS
14018 (C)	14330	Linear Combination	ULS
14019 (C)	14331	Linear Combination	ULS
14020 (C)	14332	Linear Combination	ULS
14021 (C)	14333	Linear Combination	ULS
14022 (C)	14334	Linear Combination	ULS
14023 (C)	14335	Linear Combination	ULS
14024 (C)	14336	Linear Combination	ULS
14025 (C)	14337	Linear Combination	ULS
14026 (C)	14338	Linear Combination	ULS
14027 (C)	14339	Linear Combination	ULS
14028 (C)	14340	Linear Combination	ULS
14029 (C)	14341	Linear Combination	ULS
14030 (C)	14342	Linear Combination	ULS
14031 (C)	14343	Linear Combination	ULS
14032 (C)	14344	Linear Combination	ULS
14033 (C)	14345	Linear Combination	ULS
14034 (C)	14346	Linear Combination	ULS
14035 (C)	14347	Linear Combination	ULS
14036 (C)	14348	Linear Combination	ULS
14037 (C)	14349	Linear Combination	ULS
14038 (C)	14350	Linear Combination	ULS
14039 (C)	14351	Linear Combination	ULS
14040 (C)	14352	Linear Combination	ULS
14041 (C)	14353	Linear Combination	ULS
14042 (C)	14354	Linear Combination	ULS
14043 (C)	14355	Linear Combination	ULS
14044 (C)	14356	Linear Combination	ULS
14045 (C)	14357	Linear Combination	ULS
14046 (C)	14358	Linear Combination	ULS
14047 (C)	14359	Linear Combination	ULS
14048 (C)	14360	Linear Combination	ULS
14049 (C)	14361	Linear Combination	ULS
14050 (C)	14362	Linear Combination	ULS
14051 (C)	14363	Linear Combination	ULS
14052 (C)	14364	Linear Combination	ULS
14053 (C)	14365	Linear Combination	ULS
14054 (C)	14366	Linear Combination	ULS
14055 (C)	14367	Linear Combination	ULS
14056 (C)	14368	Linear Combination	ULS
14057 (C)	14369	Linear Combination	ULS
14058 (C)	14370	Linear Combination	ULS
14059 (C)	14371	Linear Combination	ULS
14060 (C)	14372	Linear Combination	ULS
14061 (C)	14373	Linear Combination	ULS
14062 (C)	14374	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14063 (C)	14375	Linear Combination	ULS
14064 (C)	14376	Linear Combination	ULS
14065 (C)	14377	Linear Combination	ULS
14066 (C)	14378	Linear Combination	ULS
14067 (C)	14379	Linear Combination	ULS
14068 (C)	14380	Linear Combination	ULS
14069 (C)	14381	Linear Combination	ULS
14070 (C)	14382	Linear Combination	ULS
14071 (C)	14383	Linear Combination	ULS
14072 (C)	14384	Linear Combination	ULS
14073 (C)	14385	Linear Combination	ULS
14074 (C)	14386	Linear Combination	ULS
14075 (C)	14387	Linear Combination	ULS
14076 (C)	14388	Linear Combination	ULS
14077 (C)	14389	Linear Combination	ULS
14078 (C)	14390	Linear Combination	ULS
14079 (C)	14391	Linear Combination	ULS
14080 (C)	14392	Linear Combination	ULS
14081 (C)	14393	Linear Combination	ULS
14082 (C)	14394	Linear Combination	ULS
14083 (C)	14395	Linear Combination	ULS
14084 (C)	14396	Linear Combination	ULS
14085 (C)	14397	Linear Combination	ULS
14086 (C)	14398	Linear Combination	ULS
14087 (C)	14399	Linear Combination	ULS
14088 (C)	14400	Linear Combination	ULS
14089 (C)	14401	Linear Combination	ULS
14090 (C)	14402	Linear Combination	ULS
14091 (C)	14403	Linear Combination	ULS
14092 (C)	14404	Linear Combination	ULS
14093 (C)	14405	Linear Combination	ULS
14094 (C)	14406	Linear Combination	ULS
14095 (C)	14407	Linear Combination	ULS
14096 (C)	14408	Linear Combination	ULS
14097 (C)	14409	Linear Combination	ULS
14098 (C)	14410	Linear Combination	ULS
14099 (C)	14411	Linear Combination	ULS
14100 (C)	14412	Linear Combination	ULS
14101 (C)	14413	Linear Combination	ULS
14102 (C)	14414	Linear Combination	ULS
14103 (C)	14415	Linear Combination	ULS
14104 (C)	14416	Linear Combination	ULS
14105 (C)	14417	Linear Combination	ULS
14106 (C)	14418	Linear Combination	ULS
14107 (C)	14419	Linear Combination	ULS
14108 (C)	14420	Linear Combination	ULS
14109 (C)	14421	Linear Combination	ULS
14110 (C)	14422	Linear Combination	ULS
14111 (C)	14423	Linear Combination	ULS
14112 (C)	14424	Linear Combination	ULS
14113 (C)	14425	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14114 (C)	14426	Linear Combination	ULS
14115 (C)	14427	Linear Combination	ULS
14116 (C)	14428	Linear Combination	ULS
14117 (C)	14429	Linear Combination	ULS
14118 (C)	14430	Linear Combination	ULS
14119 (C)	14431	Linear Combination	ULS
14120 (C)	14432	Linear Combination	ULS
14121 (C)	14433	Linear Combination	ULS
14122 (C)	14434	Linear Combination	ULS
14123 (C)	14435	Linear Combination	ULS
14124 (C)	14436	Linear Combination	ULS
14125 (C)	14437	Linear Combination	ULS
14126 (C)	14438	Linear Combination	ULS
14127 (C)	14439	Linear Combination	ULS
14128 (C)	14440	Linear Combination	ULS
14129 (C)	14441	Linear Combination	ULS
14130 (C)	14442	Linear Combination	ULS
14131 (C)	14443	Linear Combination	ULS
14132 (C)	14444	Linear Combination	ULS
14133 (C)	14445	Linear Combination	ULS
14134 (C)	14446	Linear Combination	ULS
14135 (C)	14447	Linear Combination	ULS
14136 (C)	14448	Linear Combination	ULS
14137 (C)	14449	Linear Combination	ULS
14138 (C)	14450	Linear Combination	ULS
14139 (C)	14451	Linear Combination	ULS
14140 (C)	14452	Linear Combination	ULS
14141 (C)	14453	Linear Combination	ULS
14142 (C)	14454	Linear Combination	ULS
14143 (C)	14455	Linear Combination	ULS
14144 (C)	14456	Linear Combination	ULS
14145 (C)	14457	Linear Combination	ULS
14146 (C)	14458	Linear Combination	ULS
14147 (C)	14459	Linear Combination	ULS
14148 (C)	14460	Linear Combination	ULS
14149 (C)	14461	Linear Combination	ULS
14150 (C)	14462	Linear Combination	ULS
14151 (C)	14463	Linear Combination	ULS
14152 (C)	14464	Linear Combination	ULS
14153 (C)	14465	Linear Combination	ULS
14154 (C)	14466	Linear Combination	ULS
14155 (C)	14467	Linear Combination	ULS
14156 (C)	14468	Linear Combination	ULS
14157 (C)	14469	Linear Combination	ULS
14158 (C)	14470	Linear Combination	ULS
14159 (C)	14471	Linear Combination	ULS
14160 (C)	14472	Linear Combination	ULS
14161 (C)	14473	Linear Combination	ULS
14162 (C)	14474	Linear Combination	ULS
14163 (C)	14475	Linear Combination	ULS
14164 (C)	14476	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14165 (C)	14477	Linear Combination	ULS
14166 (C)	14478	Linear Combination	ULS
14167 (C)	14479	Linear Combination	ULS
14168 (C)	14480	Linear Combination	ULS
14169 (C)	14481	Linear Combination	ULS
14170 (C)	14482	Linear Combination	ULS
14171 (C)	14483	Linear Combination	ULS
14172 (C)	14484	Linear Combination	ULS
14173 (C)	14485	Linear Combination	ULS
14174 (C)	14486	Linear Combination	ULS
14175 (C)	14487	Linear Combination	ULS
14176 (C)	14488	Linear Combination	ULS
14177 (C)	14489	Linear Combination	ULS
14178 (C)	14490	Linear Combination	ULS
14179 (C)	14491	Linear Combination	ULS
14180 (C)	14492	Linear Combination	ULS
14181 (C)	14493	Linear Combination	ULS
14182 (C)	14494	Linear Combination	ULS
14183 (C)	14495	Linear Combination	ULS
14184 (C)	14496	Linear Combination	ULS
14185 (C)	14497	Linear Combination	ULS
14186 (C)	14498	Linear Combination	ULS
14187 (C)	14499	Linear Combination	ULS
14188 (C)	14500	Linear Combination	ULS
14189 (C)	14501	Linear Combination	ULS
14190 (C)	14502	Linear Combination	ULS
14191 (C)	14503	Linear Combination	ULS
14192 (C)	14504	Linear Combination	ULS
14193 (C)	14505	Linear Combination	ULS
14194 (C)	14506	Linear Combination	ULS
14195 (C)	14507	Linear Combination	ULS
14196 (C)	14508	Linear Combination	ULS
14197 (C)	14509	Linear Combination	ULS
14198 (C)	14510	Linear Combination	ULS
14199 (C)	14511	Linear Combination	ULS
14200 (C)	14512	Linear Combination	ULS
14201 (C)	14513	Linear Combination	ULS
14202 (C)	14514	Linear Combination	ULS
14203 (C)	14515	Linear Combination	ULS
14204 (C)	14516	Linear Combination	ULS
14205 (C)	14517	Linear Combination	ULS
14206 (C)	14518	Linear Combination	ULS
14207 (C)	14519	Linear Combination	ULS
14208 (C)	14520	Linear Combination	ULS
14209 (C)	14521	Linear Combination	ULS
14210 (C)	14522	Linear Combination	ULS
14211 (C)	14523	Linear Combination	ULS
14212 (C)	14524	Linear Combination	ULS
14213 (C)	14525	Linear Combination	ULS
14214 (C)	14526	Linear Combination	ULS
14215 (C)	14527	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14216 (C)	14528	Linear Combination	ULS
14217 (C)	14529	Linear Combination	ULS
14218 (C)	14530	Linear Combination	ULS
14219 (C)	14531	Linear Combination	ULS
14220 (C)	14532	Linear Combination	ULS
14221 (C)	14533	Linear Combination	ULS
14222 (C)	14534	Linear Combination	ULS
14223 (C)	14535	Linear Combination	ULS
14224 (C)	14536	Linear Combination	ULS
14225 (C)	14537	Linear Combination	ULS
14226 (C)	14538	Linear Combination	ULS
14227 (C)	14539	Linear Combination	ULS
14228 (C)	14540	Linear Combination	ULS
14229 (C)	14541	Linear Combination	ULS
14230 (C)	14542	Linear Combination	ULS
14231 (C)	14543	Linear Combination	ULS
14232 (C)	14544	Linear Combination	ULS
14233 (C)	14545	Linear Combination	ULS
14234 (C)	14546	Linear Combination	ULS
14235 (C)	14547	Linear Combination	ULS
14236 (C)	14548	Linear Combination	ULS
14237 (C)	14549	Linear Combination	ULS
14238 (C)	14550	Linear Combination	ULS
14239 (C)	14551	Linear Combination	ULS
14240 (C)	14552	Linear Combination	ULS
14241 (C)	14553	Linear Combination	ULS
14242 (C)	14554	Linear Combination	ULS
14243 (C)	14555	Linear Combination	ULS
14244 (C)	14556	Linear Combination	ULS
14245 (C)	14557	Linear Combination	ULS
14246 (C)	14558	Linear Combination	ULS
14247 (C)	14559	Linear Combination	ULS
14248 (C)	14560	Linear Combination	ULS
14249 (C)	14561	Linear Combination	ULS
14250 (C)	14562	Linear Combination	ULS
14251 (C)	14563	Linear Combination	ULS
14252 (C)	14564	Linear Combination	ULS
14253 (C)	14565	Linear Combination	ULS
14254 (C)	14566	Linear Combination	ULS
14255 (C)	14567	Linear Combination	ULS
14256 (C)	14568	Linear Combination	ULS
14257 (C)	14569	Linear Combination	ULS
14258 (C)	14570	Linear Combination	ULS
14259 (C)	14571	Linear Combination	ULS
14260 (C)	14572	Linear Combination	ULS
14261 (C)	14573	Linear Combination	ULS
14262 (C)	14574	Linear Combination	ULS
14263 (C)	14575	Linear Combination	ULS
14264 (C)	14576	Linear Combination	ULS
14265 (C)	14577	Linear Combination	ULS
14266 (C)	14578	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14267 (C)	14579	Linear Combination	ULS
14268 (C)	14580	Linear Combination	ULS
14269 (C)	14581	Linear Combination	ULS
14270 (C)	14582	Linear Combination	ULS
14271 (C)	14583	Linear Combination	ULS
14272 (C)	14584	Linear Combination	ULS
14273 (C)	14585	Linear Combination	ULS
14274 (C)	14586	Linear Combination	ULS
14275 (C)	14587	Linear Combination	ULS
14276 (C)	14588	Linear Combination	ULS
14277 (C)	14589	Linear Combination	ULS
14278 (C)	14590	Linear Combination	ULS
14279 (C)	14591	Linear Combination	ULS
14280 (C)	14592	Linear Combination	ULS
14281 (C)	14593	Linear Combination	ULS
14282 (C)	14594	Linear Combination	ULS
14283 (C)	14595	Linear Combination	ULS
14284 (C)	14596	Linear Combination	ULS
14285 (C)	14597	Linear Combination	ULS
14286 (C)	14598	Linear Combination	ULS
14287 (C)	14599	Linear Combination	ULS
14288 (C)	14600	Linear Combination	ULS
14289 (C)	14601	Linear Combination	ULS
14290 (C)	14602	Linear Combination	ULS
14291 (C)	14603	Linear Combination	ULS
14292 (C)	14604	Linear Combination	ULS
14293 (C)	14605	Linear Combination	ULS
14294 (C)	14606	Linear Combination	ULS
14295 (C)	14607	Linear Combination	ULS
14296 (C)	14608	Linear Combination	ULS
14297 (C)	14609	Linear Combination	ULS
14298 (C)	14610	Linear Combination	ULS
14299 (C)	14611	Linear Combination	ULS
14300 (C)	14612	Linear Combination	ULS
14301 (C)	14613	Linear Combination	ULS
14302 (C)	14614	Linear Combination	ULS
14303 (C)	14615	Linear Combination	ULS
14304 (C)	14616	Linear Combination	ULS
14305 (C)	14617	Linear Combination	ULS
14306 (C)	14618	Linear Combination	ULS
14307 (C)	14619	Linear Combination	ULS
14308 (C)	14620	Linear Combination	ULS
14309 (C)	14621	Linear Combination	ULS
14310 (C)	14622	Linear Combination	ULS
14311 (C)	14623	Linear Combination	ULS
14312 (C)	14624	Linear Combination	ULS
14313 (C)	14625	Linear Combination	ULS
14314 (C)	14626	Linear Combination	ULS
14315 (C)	14627	Linear Combination	ULS
14316 (C)	14628	Linear Combination	ULS
14317 (C)	14629	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14318 (C)	14630	Linear Combination	ULS
14319 (C)	14631	Linear Combination	ULS
14320 (C)	14632	Linear Combination	ULS
14321 (C)	14633	Linear Combination	ULS
14322 (C)	14634	Linear Combination	ULS
14323 (C)	14635	Linear Combination	ULS
14324 (C)	14636	Linear Combination	ULS
14325 (C)	14637	Linear Combination	ULS
14326 (C)	14638	Linear Combination	ULS
14327 (C)	14639	Linear Combination	ULS
14328 (C)	14640	Linear Combination	ULS
14329 (C)	14641	Linear Combination	ULS
14330 (C)	14642	Linear Combination	ULS
14331 (C)	14643	Linear Combination	ULS
14332 (C)	14644	Linear Combination	ULS
14333 (C)	14645	Linear Combination	ULS
14334 (C)	14646	Linear Combination	ULS
14335 (C)	14647	Linear Combination	ULS
14336 (C)	14648	Linear Combination	ULS
14337 (C)	14649	Linear Combination	ULS
14338 (C)	14650	Linear Combination	ULS
14339 (C)	14651	Linear Combination	ULS
14340 (C)	14652	Linear Combination	ULS
14341 (C)	14653	Linear Combination	ULS
14342 (C)	14654	Linear Combination	ULS
14343 (C)	14655	Linear Combination	ULS
14344 (C)	14656	Linear Combination	ULS
14345 (C)	14657	Linear Combination	ULS
14346 (C)	14658	Linear Combination	ULS
14347 (C)	14659	Linear Combination	ULS
14348 (C)	14660	Linear Combination	ULS
14349 (C)	14661	Linear Combination	ULS
14350 (C)	14662	Linear Combination	ULS
14351 (C)	14663	Linear Combination	ULS
14352 (C)	14664	Linear Combination	ULS
14353 (C)	14665	Linear Combination	ULS
14354 (C)	14666	Linear Combination	ULS
14355 (C)	14667	Linear Combination	ULS
14356 (C)	14668	Linear Combination	ULS
14357 (C)	14669	Linear Combination	ULS
14358 (C)	14670	Linear Combination	ULS
14359 (C)	14671	Linear Combination	ULS
14360 (C)	14672	Linear Combination	ULS
14361 (C)	14673	Linear Combination	ULS
14362 (C)	14674	Linear Combination	ULS
14363 (C)	14675	Linear Combination	ULS
14364 (C)	14676	Linear Combination	ULS
14365 (C)	14677	Linear Combination	ULS
14366 (C)	14678	Linear Combination	ULS
14367 (C)	14679	Linear Combination	ULS
14368 (C)	14680	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14369 (C)	14681	Linear Combination	ULS
14370 (C)	14682	Linear Combination	ULS
14371 (C)	14683	Linear Combination	ULS
14372 (C)	14684	Linear Combination	ULS
14373 (C)	14685	Linear Combination	ULS
14374 (C)	14686	Linear Combination	ULS
14375 (C)	14687	Linear Combination	ULS
14376 (C)	14688	Linear Combination	ULS
14377 (C)	14689	Linear Combination	ULS
14378 (C)	14690	Linear Combination	ULS
14379 (C)	14691	Linear Combination	ULS
14380 (C)	14692	Linear Combination	ULS
14381 (C)	14693	Linear Combination	ULS
14382 (C)	14694	Linear Combination	ULS
14383 (C)	14695	Linear Combination	ULS
14384 (C)	14696	Linear Combination	ULS
14385 (C)	14697	Linear Combination	ULS
14386 (C)	14698	Linear Combination	ULS
14387 (C)	14699	Linear Combination	ULS
14388 (C)	14700	Linear Combination	ULS
14389 (C)	14701	Linear Combination	ULS
14390 (C)	14702	Linear Combination	ULS
14391 (C)	14703	Linear Combination	ULS
14392 (C)	14704	Linear Combination	ULS
14393 (C)	14705	Linear Combination	ULS
14394 (C)	14706	Linear Combination	ULS
14395 (C)	14707	Linear Combination	ULS
14396 (C)	14708	Linear Combination	ULS
14397 (C)	14709	Linear Combination	ULS
14398 (C)	14710	Linear Combination	ULS
14399 (C)	14711	Linear Combination	ULS
14400 (C)	14712	Linear Combination	ULS
14401 (C)	14713	Linear Combination	ULS
14402 (C)	14714	Linear Combination	ULS
14403 (C)	14715	Linear Combination	ULS
14404 (C)	14716	Linear Combination	ULS
14405 (C)	14717	Linear Combination	ULS
14406 (C)	14718	Linear Combination	ULS
14407 (C)	14719	Linear Combination	ULS
14408 (C)	14720	Linear Combination	ULS
14409 (C)	14721	Linear Combination	ULS
14410 (C)	14722	Linear Combination	ULS
14411 (C)	14723	Linear Combination	ULS
14412 (C)	14724	Linear Combination	ULS
14413 (C)	14725	Linear Combination	ULS
14414 (C)	14726	Linear Combination	ULS
14415 (C)	14727	Linear Combination	ULS
14416 (C)	14728	Linear Combination	ULS
14417 (C)	14729	Linear Combination	ULS
14418 (C)	14730	Linear Combination	ULS
14419 (C)	14731	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14420 (C)	14732	Linear Combination	ULS
14421 (C)	14733	Linear Combination	ULS
14422 (C)	14734	Linear Combination	ULS
14423 (C)	14735	Linear Combination	ULS
14424 (C)	14736	Linear Combination	ULS
14425 (C)	14737	Linear Combination	ULS
14426 (C)	14738	Linear Combination	ULS
14427 (C)	14739	Linear Combination	ULS
14428 (C)	14740	Linear Combination	ULS
14429 (C)	14741	Linear Combination	ULS
14430 (C)	14742	Linear Combination	ULS
14431 (C)	14743	Linear Combination	ULS
14432 (C)	14744	Linear Combination	ULS
14433 (C)	14745	Linear Combination	ULS
14434 (C)	14746	Linear Combination	ULS
14435 (C)	14747	Linear Combination	ULS
14436 (C)	14748	Linear Combination	ULS
14437 (C)	14749	Linear Combination	ULS
14438 (C)	14750	Linear Combination	ULS
14439 (C)	14751	Linear Combination	ULS
14440 (C)	14752	Linear Combination	ULS
14441 (C)	14753	Linear Combination	ULS
14442 (C)	14754	Linear Combination	ULS
14443 (C)	14755	Linear Combination	ULS
14444 (C)	14756	Linear Combination	ULS
14445 (C)	14757	Linear Combination	ULS
14446 (C)	14758	Linear Combination	ULS
14447 (C)	14759	Linear Combination	ULS
14448 (C)	14760	Linear Combination	ULS
14449 (C)	14761	Linear Combination	ULS
14450 (C)	14762	Linear Combination	ULS
14451 (C)	14763	Linear Combination	ULS
14452 (C)	14764	Linear Combination	ULS
14453 (C)	14765	Linear Combination	ULS
14454 (C)	14766	Linear Combination	ULS
14455 (C)	14767	Linear Combination	ULS
14456 (C)	14768	Linear Combination	ULS
14457 (C)	14769	Linear Combination	ULS
14458 (C)	14770	Linear Combination	ULS
14459 (C)	14771	Linear Combination	ULS
14460 (C)	14772	Linear Combination	ULS
14461 (C)	14773	Linear Combination	ULS
14462 (C)	14774	Linear Combination	ULS
14463 (C)	14775	Linear Combination	ULS
14464 (C)	14776	Linear Combination	ULS
14465 (C)	14777	Linear Combination	ULS
14466 (C)	14778	Linear Combination	ULS
14467 (C)	14779	Linear Combination	ULS
14468 (C)	14780	Linear Combination	ULS
14469 (C)	14781	Linear Combination	ULS
14470 (C)	14782	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14471 (C)	14783	Linear Combination	ULS
14472 (C)	14784	Linear Combination	ULS
14473 (C)	14785	Linear Combination	ULS
14474 (C)	14786	Linear Combination	ULS
14475 (C)	14787	Linear Combination	ULS
14476 (C)	14788	Linear Combination	ULS
14477 (C)	14789	Linear Combination	ULS
14478 (C)	14790	Linear Combination	ULS
14479 (C)	14791	Linear Combination	ULS
14480 (C)	14792	Linear Combination	ULS
14481 (C)	15001	Linear Combination	ULS
14482 (C)	15002	Linear Combination	ULS
14483 (C)	15003	Linear Combination	ULS
14484 (C)	15004	Linear Combination	ULS
14485 (C)	15005	Linear Combination	ULS
14486 (C)	15006	Linear Combination	ULS
14487 (C)	15007	Linear Combination	ULS
14488 (C)	15008	Linear Combination	ULS
14489 (C)	15009	Linear Combination	ULS
14490 (C)	15010	Linear Combination	ULS
14491 (C)	15011	Linear Combination	ULS
14492 (C)	15012	Linear Combination	ULS
14493 (C)	15013	Linear Combination	ULS
14494 (C)	15014	Linear Combination	ULS
14495 (C)	15015	Linear Combination	ULS
14496 (C)	15016	Linear Combination	ULS
14497 (C)	15017	Linear Combination	ULS
14498 (C)	15018	Linear Combination	ULS
14499 (C)	15019	Linear Combination	ULS
14500 (C)	15020	Linear Combination	ULS
14501 (C)	15021	Linear Combination	ULS
14502 (C)	15022	Linear Combination	ULS
14503 (C)	15023	Linear Combination	ULS
14504 (C)	15024	Linear Combination	ULS
14505 (C)	15025	Linear Combination	ULS
14506 (C)	15026	Linear Combination	ULS
14507 (C)	15027	Linear Combination	ULS
14508 (C)	15028	Linear Combination	ULS
14509 (C)	15029	Linear Combination	ULS
14510 (C)	15030	Linear Combination	ULS
14511 (C)	15031	Linear Combination	ULS
14512 (C)	15032	Linear Combination	ULS
14513 (C)	15033	Linear Combination	ULS
14514 (C)	15034	Linear Combination	ULS
14515 (C)	15035	Linear Combination	ULS
14516 (C)	15036	Linear Combination	ULS
14517 (C)	15037	Linear Combination	ULS
14518 (C)	15038	Linear Combination	ULS
14519 (C)	15039	Linear Combination	ULS
14520 (C)	15040	Linear Combination	ULS
14521 (C)	15041	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
14522 (C)	15042	Linear Combination	ULS
14523 (C)	15043	Linear Combination	ULS
14524 (C)	15044	Linear Combination	ULS
14525 (C)	15045	Linear Combination	ULS
14526 (C)	15046	Linear Combination	ULS
14527 (C)	15047	Linear Combination	ULS
14528 (C)	15048	Linear Combination	ULS
14529 (C)	15049	Linear Combination	ULS
14530 (C)	15050	Linear Combination	ULS
14531 (C)	15051	Linear Combination	ULS
14532 (C)	15052	Linear Combination	ULS
14533 (C)	15053	Linear Combination	ULS
14534 (C)	15054	Linear Combination	ULS
14535 (C)	15055	Linear Combination	ULS
14536 (C)	15056	Linear Combination	ULS
14537 (C)	15057	Linear Combination	ULS
14538 (C)	15058	Linear Combination	ULS
14539 (C)	15059	Linear Combination	ULS
14540 (C)	15060	Linear Combination	ULS
14541 (C)	15061	Linear Combination	ULS
14542 (C)	15062	Linear Combination	ULS
14543 (C)	15063	Linear Combination	ULS
14544 (C)	15064	Linear Combination	ULS
14545 (C)	15065	Linear Combination	ULS
14546 (C)	15066	Linear Combination	ULS
14547 (C)	15067	Linear Combination	ULS
14548 (C)	15068	Linear Combination	ULS
14549 (C)	15069	Linear Combination	ULS
14550 (C)	15070	Linear Combination	ULS
14551 (C)	15071	Linear Combination	ULS
14552 (C)	15072	Linear Combination	ULS
14553 (C)	15073	Linear Combination	ULS
14554 (C)	15074	Linear Combination	ULS
14555 (C)	15075	Linear Combination	ULS
14556 (C)	15076	Linear Combination	ULS
14557 (C)	15077	Linear Combination	ULS
14558 (C)	15078	Linear Combination	ULS
14559 (C)	15079	Linear Combination	ULS
14560 (C)	15080	Linear Combination	ULS
14561 (C)	15081	Linear Combination	ULS
14562 (C)	15082	Linear Combination	ULS
14563 (C)	15083	Linear Combination	ULS
14564 (C)	15084	Linear Combination	ULS
14565 (C)	15085	Linear Combination	ULS
14566 (C)	15086	Linear Combination	ULS
14567 (C)	15087	Linear Combination	ULS
14568 (C)	15088	Linear Combination	ULS
14569 (C)	15089	Linear Combination	ULS
14570 (C)	15090	Linear Combination	ULS
14571 (C)	15091	Linear Combination	ULS
14572 (C)	15092	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14573 (C)	15093	Linear Combination	ULS
14574 (C)	15094	Linear Combination	ULS
14575 (C)	15095	Linear Combination	ULS
14576 (C)	15096	Linear Combination	ULS
14577 (C)	15097	Linear Combination	ULS
14578 (C)	15098	Linear Combination	ULS
14579 (C)	15099	Linear Combination	ULS
14580 (C)	15100	Linear Combination	ULS
14581 (C)	15101	Linear Combination	ULS
14582 (C)	15102	Linear Combination	ULS
14583 (C)	15103	Linear Combination	ULS
14584 (C)	15104	Linear Combination	ULS
14585 (C)	15105	Linear Combination	ULS
14586 (C)	15106	Linear Combination	ULS
14587 (C)	15107	Linear Combination	ULS
14588 (C)	15108	Linear Combination	ULS
14589 (C)	15109	Linear Combination	ULS
14590 (C)	15110	Linear Combination	ULS
14591 (C)	15111	Linear Combination	ULS
14592 (C)	15112	Linear Combination	ULS
14593 (C)	15113	Linear Combination	ULS
14594 (C)	15114	Linear Combination	ULS
14595 (C)	15115	Linear Combination	ULS
14596 (C)	15116	Linear Combination	ULS
14597 (C)	15117	Linear Combination	ULS
14598 (C)	15118	Linear Combination	ULS
14599 (C)	15119	Linear Combination	ULS
14600 (C)	15120	Linear Combination	ULS
14601 (C)	15121	Linear Combination	ULS
14602 (C)	15122	Linear Combination	ULS
14603 (C)	15123	Linear Combination	ULS
14604 (C)	15124	Linear Combination	ULS
14605 (C)	15125	Linear Combination	ULS
14606 (C)	15126	Linear Combination	ULS
14607 (C)	15127	Linear Combination	ULS
14608 (C)	15128	Linear Combination	ULS
14609 (C)	15129	Linear Combination	ULS
14610 (C)	15130	Linear Combination	ULS
14611 (C)	15131	Linear Combination	ULS
14612 (C)	15132	Linear Combination	ULS
14613 (C)	15133	Linear Combination	ULS
14614 (C)	15134	Linear Combination	ULS
14615 (C)	15135	Linear Combination	ULS
14616 (C)	15136	Linear Combination	ULS
14617 (C)	15137	Linear Combination	ULS
14618 (C)	15138	Linear Combination	ULS
14619 (C)	15139	Linear Combination	ULS
14620 (C)	15140	Linear Combination	ULS
14621 (C)	15141	Linear Combination	ULS
14622 (C)	15142	Linear Combination	ULS
14623 (C)	15143	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14624 (C)	15144	Linear Combination	ULS
14625 (C)	15145	Linear Combination	ULS
14626 (C)	15146	Linear Combination	ULS
14627 (C)	15147	Linear Combination	ULS
14628 (C)	15148	Linear Combination	ULS
14629 (C)	15149	Linear Combination	ULS
14630 (C)	15150	Linear Combination	ULS
14631 (C)	15151	Linear Combination	ULS
14632 (C)	15152	Linear Combination	ULS
14633 (C)	15153	Linear Combination	ULS
14634 (C)	15154	Linear Combination	ULS
14635 (C)	15155	Linear Combination	ULS
14636 (C)	15156	Linear Combination	ULS
14637 (C)	15157	Linear Combination	ULS
14638 (C)	15158	Linear Combination	ULS
14639 (C)	15159	Linear Combination	ULS
14640 (C)	15160	Linear Combination	ULS
14641 (C)	15161	Linear Combination	ULS
14642 (C)	15162	Linear Combination	ULS
14643 (C)	15163	Linear Combination	ULS
14644 (C)	15164	Linear Combination	ULS
14645 (C)	15165	Linear Combination	ULS
14646 (C)	15166	Linear Combination	ULS
14647 (C)	15167	Linear Combination	ULS
14648 (C)	15168	Linear Combination	ULS
14649 (C)	15169	Linear Combination	ULS
14650 (C)	15170	Linear Combination	ULS
14651 (C)	15171	Linear Combination	ULS
14652 (C)	15172	Linear Combination	ULS
14653 (C)	15173	Linear Combination	ULS
14654 (C)	15174	Linear Combination	ULS
14655 (C)	15175	Linear Combination	ULS
14656 (C)	15176	Linear Combination	ULS
14657 (C)	15177	Linear Combination	ULS
14658 (C)	15178	Linear Combination	ULS
14659 (C)	15179	Linear Combination	ULS
14660 (C)	15180	Linear Combination	ULS
14661 (C)	15181	Linear Combination	ULS
14662 (C)	15182	Linear Combination	ULS
14663 (C)	15183	Linear Combination	ULS
14664 (C)	15184	Linear Combination	ULS
14665 (C)	15185	Linear Combination	ULS
14666 (C)	15186	Linear Combination	ULS
14667 (C)	15187	Linear Combination	ULS
14668 (C)	15188	Linear Combination	ULS
14669 (C)	15189	Linear Combination	ULS
14670 (C)	15190	Linear Combination	ULS
14671 (C)	15191	Linear Combination	ULS
14672 (C)	15192	Linear Combination	ULS
14673 (C)	15193	Linear Combination	ULS
14674 (C)	15194	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14675 (C)	15195	Linear Combination	ULS
14676 (C)	15196	Linear Combination	ULS
14677 (C)	15197	Linear Combination	ULS
14678 (C)	15198	Linear Combination	ULS
14679 (C)	15199	Linear Combination	ULS
14680 (C)	15200	Linear Combination	ULS
14681 (C)	15201	Linear Combination	ULS
14682 (C)	15202	Linear Combination	ULS
14683 (C)	15203	Linear Combination	ULS
14684 (C)	15204	Linear Combination	ULS
14685 (C)	15205	Linear Combination	ULS
14686 (C)	15206	Linear Combination	ULS
14687 (C)	15207	Linear Combination	ULS
14688 (C)	15208	Linear Combination	ULS
14689 (C)	15209	Linear Combination	ULS
14690 (C)	15210	Linear Combination	ULS
14691 (C)	15211	Linear Combination	ULS
14692 (C)	15212	Linear Combination	ULS
14693 (C)	15213	Linear Combination	ULS
14694 (C)	15214	Linear Combination	ULS
14695 (C)	15215	Linear Combination	ULS
14696 (C)	15216	Linear Combination	ULS
14697 (C)	15217	Linear Combination	ULS
14698 (C)	15218	Linear Combination	ULS
14699 (C)	15219	Linear Combination	ULS
14700 (C)	15220	Linear Combination	ULS
14701 (C)	15221	Linear Combination	ULS
14702 (C)	15222	Linear Combination	ULS
14703 (C)	15223	Linear Combination	ULS
14704 (C)	15224	Linear Combination	ULS
14705 (C)	15225	Linear Combination	ULS
14706 (C)	15226	Linear Combination	ULS
14707 (C)	15227	Linear Combination	ULS
14708 (C)	15228	Linear Combination	ULS
14709 (C)	15229	Linear Combination	ULS
14710 (C)	15230	Linear Combination	ULS
14711 (C)	15231	Linear Combination	ULS
14712 (C)	15232	Linear Combination	ULS
14713 (C)	15233	Linear Combination	ULS
14714 (C)	15234	Linear Combination	ULS
14715 (C)	15235	Linear Combination	ULS
14716 (C)	15236	Linear Combination	ULS
14717 (C)	15237	Linear Combination	ULS
14718 (C)	15238	Linear Combination	ULS
14719 (C)	15239	Linear Combination	ULS
14720 (C)	15240	Linear Combination	ULS
14721 (C)	15241	Linear Combination	ULS
14722 (C)	15242	Linear Combination	ULS
14723 (C)	15243	Linear Combination	ULS
14724 (C)	15244	Linear Combination	ULS
14725 (C)	15245	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14726 (C)	15246	Linear Combination	ULS
14727 (C)	15247	Linear Combination	ULS
14728 (C)	15248	Linear Combination	ULS
14729 (C)	15249	Linear Combination	ULS
14730 (C)	15250	Linear Combination	ULS
14731 (C)	15251	Linear Combination	ULS
14732 (C)	15252	Linear Combination	ULS
14733 (C)	15253	Linear Combination	ULS
14734 (C)	15254	Linear Combination	ULS
14735 (C)	15255	Linear Combination	ULS
14736 (C)	15256	Linear Combination	ULS
14737 (C)	15257	Linear Combination	ULS
14738 (C)	15258	Linear Combination	ULS
14739 (C)	15259	Linear Combination	ULS
14740 (C)	15260	Linear Combination	ULS
14741 (C)	15261	Linear Combination	ULS
14742 (C)	15262	Linear Combination	ULS
14743 (C)	15263	Linear Combination	ULS
14744 (C)	15264	Linear Combination	ULS
14745 (C)	15265	Linear Combination	ULS
14746 (C)	15266	Linear Combination	ULS
14747 (C)	15267	Linear Combination	ULS
14748 (C)	15268	Linear Combination	ULS
14749 (C)	15269	Linear Combination	ULS
14750 (C)	15270	Linear Combination	ULS
14751 (C)	15271	Linear Combination	ULS
14752 (C)	15272	Linear Combination	ULS
14753 (C)	15273	Linear Combination	ULS
14754 (C)	15274	Linear Combination	ULS
14755 (C)	15275	Linear Combination	ULS
14756 (C)	15276	Linear Combination	ULS
14757 (C)	15277	Linear Combination	ULS
14758 (C)	15278	Linear Combination	ULS
14759 (C)	15279	Linear Combination	ULS
14760 (C)	15280	Linear Combination	ULS
14761 (C)	15281	Linear Combination	ULS
14762 (C)	15282	Linear Combination	ULS
14763 (C)	15283	Linear Combination	ULS
14764 (C)	15284	Linear Combination	ULS
14765 (C)	15285	Linear Combination	ULS
14766 (C)	15286	Linear Combination	ULS
14767 (C)	15287	Linear Combination	ULS
14768 (C)	15288	Linear Combination	ULS
14769 (C)	15289	Linear Combination	ULS
14770 (C)	15290	Linear Combination	ULS
14771 (C)	15291	Linear Combination	ULS
14772 (C)	15292	Linear Combination	ULS
14773 (C)	15293	Linear Combination	ULS
14774 (C)	15294	Linear Combination	ULS
14775 (C)	15295	Linear Combination	ULS
14776 (C)	15296	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14777 (C)	15297	Linear Combination	ULS
14778 (C)	15298	Linear Combination	ULS
14779 (C)	15299	Linear Combination	ULS
14780 (C)	15300	Linear Combination	ULS
14781 (C)	15301	Linear Combination	ULS
14782 (C)	15302	Linear Combination	ULS
14783 (C)	15303	Linear Combination	ULS
14784 (C)	15304	Linear Combination	ULS
14785 (C)	15305	Linear Combination	ULS
14786 (C)	15306	Linear Combination	ULS
14787 (C)	15307	Linear Combination	ULS
14788 (C)	15308	Linear Combination	ULS
14789 (C)	15309	Linear Combination	ULS
14790 (C)	15310	Linear Combination	ULS
14791 (C)	15311	Linear Combination	ULS
14792 (C)	15312	Linear Combination	ULS
14793 (C)	15313	Linear Combination	ULS
14794 (C)	15314	Linear Combination	ULS
14795 (C)	15315	Linear Combination	ULS
14796 (C)	15316	Linear Combination	ULS
14797 (C)	15317	Linear Combination	ULS
14798 (C)	15318	Linear Combination	ULS
14799 (C)	15319	Linear Combination	ULS
14800 (C)	15320	Linear Combination	ULS
14801 (C)	15321	Linear Combination	ULS
14802 (C)	15322	Linear Combination	ULS
14803 (C)	15323	Linear Combination	ULS
14804 (C)	15324	Linear Combination	ULS
14805 (C)	15325	Linear Combination	ULS
14806 (C)	15326	Linear Combination	ULS
14807 (C)	15327	Linear Combination	ULS
14808 (C)	15328	Linear Combination	ULS
14809 (C)	15329	Linear Combination	ULS
14810 (C)	15330	Linear Combination	ULS
14811 (C)	15331	Linear Combination	ULS
14812 (C)	15332	Linear Combination	ULS
14813 (C)	15333	Linear Combination	ULS
14814 (C)	15334	Linear Combination	ULS
14815 (C)	15335	Linear Combination	ULS
14816 (C)	15336	Linear Combination	ULS
14817 (C)	15337	Linear Combination	ULS
14818 (C)	15338	Linear Combination	ULS
14819 (C)	15339	Linear Combination	ULS
14820 (C)	15340	Linear Combination	ULS
14821 (C)	15341	Linear Combination	ULS
14822 (C)	15342	Linear Combination	ULS
14823 (C)	15343	Linear Combination	ULS
14824 (C)	15344	Linear Combination	ULS
14825 (C)	15345	Linear Combination	ULS
14826 (C)	15346	Linear Combination	ULS
14827 (C)	15347	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14828 (C)	15348	Linear Combination	ULS
14829 (C)	15349	Linear Combination	ULS
14830 (C)	15350	Linear Combination	ULS
14831 (C)	15351	Linear Combination	ULS
14832 (C)	15352	Linear Combination	ULS
14833 (C)	15353	Linear Combination	ULS
14834 (C)	15354	Linear Combination	ULS
14835 (C)	15355	Linear Combination	ULS
14836 (C)	15356	Linear Combination	ULS
14837 (C)	15357	Linear Combination	ULS
14838 (C)	15358	Linear Combination	ULS
14839 (C)	15359	Linear Combination	ULS
14840 (C)	15360	Linear Combination	ULS
14841 (C)	15361	Linear Combination	ULS
14842 (C)	15362	Linear Combination	ULS
14843 (C)	15363	Linear Combination	ULS
14844 (C)	15364	Linear Combination	ULS
14845 (C)	15365	Linear Combination	ULS
14846 (C)	15366	Linear Combination	ULS
14847 (C)	15367	Linear Combination	ULS
14848 (C)	15368	Linear Combination	ULS
14849 (C)	15369	Linear Combination	ULS
14850 (C)	15370	Linear Combination	ULS
14851 (C)	15371	Linear Combination	ULS
14852 (C)	15372	Linear Combination	ULS
14853 (C)	15373	Linear Combination	ULS
14854 (C)	15374	Linear Combination	ULS
14855 (C)	15375	Linear Combination	ULS
14856 (C)	15376	Linear Combination	ULS
14857 (C)	15377	Linear Combination	ULS
14858 (C)	15378	Linear Combination	ULS
14859 (C)	15379	Linear Combination	ULS
14860 (C)	15380	Linear Combination	ULS
14861 (C)	15381	Linear Combination	ULS
14862 (C)	15382	Linear Combination	ULS
14863 (C)	15383	Linear Combination	ULS
14864 (C)	15384	Linear Combination	ULS
14865 (C)	15385	Linear Combination	ULS
14866 (C)	15386	Linear Combination	ULS
14867 (C)	15387	Linear Combination	ULS
14868 (C)	15388	Linear Combination	ULS
14869 (C)	15389	Linear Combination	ULS
14870 (C)	15390	Linear Combination	ULS
14871 (C)	15391	Linear Combination	ULS
14872 (C)	15392	Linear Combination	ULS
14873 (C)	15393	Linear Combination	ULS
14874 (C)	15394	Linear Combination	ULS
14875 (C)	15395	Linear Combination	ULS
14876 (C)	15396	Linear Combination	ULS
14877 (C)	15397	Linear Combination	ULS
14878 (C)	15398	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14879 (C)	15399	Linear Combination	ULS
14880 (C)	15400	Linear Combination	ULS
14881 (C)	15401	Linear Combination	ULS
14882 (C)	15402	Linear Combination	ULS
14883 (C)	15403	Linear Combination	ULS
14884 (C)	15404	Linear Combination	ULS
14885 (C)	15405	Linear Combination	ULS
14886 (C)	15406	Linear Combination	ULS
14887 (C)	15407	Linear Combination	ULS
14888 (C)	15408	Linear Combination	ULS
14889 (C)	15409	Linear Combination	ULS
14890 (C)	15410	Linear Combination	ULS
14891 (C)	15411	Linear Combination	ULS
14892 (C)	15412	Linear Combination	ULS
14893 (C)	15413	Linear Combination	ULS
14894 (C)	15414	Linear Combination	ULS
14895 (C)	15415	Linear Combination	ULS
14896 (C)	15416	Linear Combination	ULS
14897 (C)	15417	Linear Combination	ULS
14898 (C)	15418	Linear Combination	ULS
14899 (C)	15419	Linear Combination	ULS
14900 (C)	15420	Linear Combination	ULS
14901 (C)	15421	Linear Combination	ULS
14902 (C)	15422	Linear Combination	ULS
14903 (C)	15423	Linear Combination	ULS
14904 (C)	15424	Linear Combination	ULS
14905 (C)	15425	Linear Combination	ULS
14906 (C)	15426	Linear Combination	ULS
14907 (C)	15427	Linear Combination	ULS
14908 (C)	15428	Linear Combination	ULS
14909 (C)	15429	Linear Combination	ULS
14910 (C)	15430	Linear Combination	ULS
14911 (C)	15431	Linear Combination	ULS
14912 (C)	15432	Linear Combination	ULS
14913 (C)	15433	Linear Combination	ULS
14914 (C)	15434	Linear Combination	ULS
14915 (C)	15435	Linear Combination	ULS
14916 (C)	15436	Linear Combination	ULS
14917 (C)	15437	Linear Combination	ULS
14918 (C)	15438	Linear Combination	ULS
14919 (C)	15439	Linear Combination	ULS
14920 (C)	15440	Linear Combination	ULS
14921 (C)	15441	Linear Combination	ULS
14922 (C)	15442	Linear Combination	ULS
14923 (C)	15443	Linear Combination	ULS
14924 (C)	15444	Linear Combination	ULS
14925 (C)	15445	Linear Combination	ULS
14926 (C)	15446	Linear Combination	ULS
14927 (C)	15447	Linear Combination	ULS
14928 (C)	15448	Linear Combination	ULS
14929 (C)	15449	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14930 (C)	15450	Linear Combination	ULS
14931 (C)	15451	Linear Combination	ULS
14932 (C)	15452	Linear Combination	ULS
14933 (C)	15453	Linear Combination	ULS
14934 (C)	15454	Linear Combination	ULS
14935 (C)	15455	Linear Combination	ULS
14936 (C)	15456	Linear Combination	ULS
14937 (C)	15457	Linear Combination	ULS
14938 (C)	15458	Linear Combination	ULS
14939 (C)	15459	Linear Combination	ULS
14940 (C)	15460	Linear Combination	ULS
14941 (C)	15461	Linear Combination	ULS
14942 (C)	15462	Linear Combination	ULS
14943 (C)	15463	Linear Combination	ULS
14944 (C)	15464	Linear Combination	ULS
14945 (C)	15465	Linear Combination	ULS
14946 (C)	15466	Linear Combination	ULS
14947 (C)	15467	Linear Combination	ULS
14948 (C)	15468	Linear Combination	ULS
14949 (C)	15469	Linear Combination	ULS
14950 (C)	15470	Linear Combination	ULS
14951 (C)	15471	Linear Combination	ULS
14952 (C)	15472	Linear Combination	ULS
14953 (C)	15473	Linear Combination	ULS
14954 (C)	15474	Linear Combination	ULS
14955 (C)	15475	Linear Combination	ULS
14956 (C)	15476	Linear Combination	ULS
14957 (C)	15477	Linear Combination	ULS
14958 (C)	15478	Linear Combination	ULS
14959 (C)	15479	Linear Combination	ULS
14960 (C)	15480	Linear Combination	ULS
14961 (C)	15481	Linear Combination	ULS
14962 (C)	15482	Linear Combination	ULS
14963 (C)	15483	Linear Combination	ULS
14964 (C)	15484	Linear Combination	ULS
14965 (C)	15485	Linear Combination	ULS
14966 (C)	15486	Linear Combination	ULS
14967 (C)	15487	Linear Combination	ULS
14968 (C)	15488	Linear Combination	ULS
14969 (C)	15489	Linear Combination	ULS
14970 (C)	15490	Linear Combination	ULS
14971 (C)	15491	Linear Combination	ULS
14972 (C)	15492	Linear Combination	ULS
14973 (C)	15493	Linear Combination	ULS
14974 (C)	15494	Linear Combination	ULS
14975 (C)	15495	Linear Combination	ULS
14976 (C)	15496	Linear Combination	ULS
14977 (C)	15497	Linear Combination	ULS
14978 (C)	15498	Linear Combination	ULS
14979 (C)	15499	Linear Combination	ULS
14980 (C)	15500	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
14981 (C)	15501	Linear Combination	ULS
14982 (C)	15502	Linear Combination	ULS
14983 (C)	15503	Linear Combination	ULS
14984 (C)	15504	Linear Combination	ULS
14985 (C)	15505	Linear Combination	ULS
14986 (C)	15506	Linear Combination	ULS
14987 (C)	15507	Linear Combination	ULS
14988 (C)	15508	Linear Combination	ULS
14989 (C)	15509	Linear Combination	ULS
14990 (C)	15510	Linear Combination	ULS
14991 (C)	15511	Linear Combination	ULS
14992 (C)	15512	Linear Combination	ULS
14993 (C)	15513	Linear Combination	ULS
14994 (C)	15514	Linear Combination	ULS
14995 (C)	15515	Linear Combination	ULS
14996 (C)	15516	Linear Combination	ULS
14997 (C)	15517	Linear Combination	ULS
14998 (C)	15518	Linear Combination	ULS
14999 (C)	15519	Linear Combination	ULS
15000 (C)	15520	Linear Combination	ULS
15001 (C)	15521	Linear Combination	ULS
15002 (C)	15522	Linear Combination	ULS
15003 (C)	15523	Linear Combination	ULS
15004 (C)	15524	Linear Combination	ULS
15005 (C)	15525	Linear Combination	ULS
15006 (C)	15526	Linear Combination	ULS
15007 (C)	15527	Linear Combination	ULS
15008 (C)	15528	Linear Combination	ULS
15009 (C)	15529	Linear Combination	ULS
15010 (C)	15530	Linear Combination	ULS
15011 (C)	15531	Linear Combination	ULS
15012 (C)	15532	Linear Combination	ULS
15013 (C)	15533	Linear Combination	ULS
15014 (C)	15534	Linear Combination	ULS
15015 (C)	15535	Linear Combination	ULS
15016 (C)	15536	Linear Combination	ULS
15017 (C)	15537	Linear Combination	ULS
15018 (C)	15538	Linear Combination	ULS
15019 (C)	15539	Linear Combination	ULS
15020 (C)	15540	Linear Combination	ULS
15021 (C)	15541	Linear Combination	ULS
15022 (C)	15542	Linear Combination	ULS
15023 (C)	15543	Linear Combination	ULS
15024 (C)	15544	Linear Combination	ULS
15025 (C)	15545	Linear Combination	ULS
15026 (C)	15546	Linear Combination	ULS
15027 (C)	15547	Linear Combination	ULS
15028 (C)	15548	Linear Combination	ULS
15029 (C)	15549	Linear Combination	ULS
15030 (C)	15550	Linear Combination	ULS
15031 (C)	15551	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15032 (C)	15552	Linear Combination	ULS
15033 (C)	15553	Linear Combination	ULS
15034 (C)	15554	Linear Combination	ULS
15035 (C)	15555	Linear Combination	ULS
15036 (C)	15556	Linear Combination	ULS
15037 (C)	15557	Linear Combination	ULS
15038 (C)	15558	Linear Combination	ULS
15039 (C)	15559	Linear Combination	ULS
15040 (C)	15560	Linear Combination	ULS
15041 (C)	15561	Linear Combination	ULS
15042 (C)	15562	Linear Combination	ULS
15043 (C)	15563	Linear Combination	ULS
15044 (C)	15564	Linear Combination	ULS
15045 (C)	15565	Linear Combination	ULS
15046 (C)	15566	Linear Combination	ULS
15047 (C)	15567	Linear Combination	ULS
15048 (C)	15568	Linear Combination	ULS
15049 (C)	15569	Linear Combination	ULS
15050 (C)	15570	Linear Combination	ULS
15051 (C)	15571	Linear Combination	ULS
15052 (C)	15572	Linear Combination	ULS
15053 (C)	15573	Linear Combination	ULS
15054 (C)	15574	Linear Combination	ULS
15055 (C)	15575	Linear Combination	ULS
15056 (C)	15576	Linear Combination	ULS
15057 (C)	15577	Linear Combination	ULS
15058 (C)	15578	Linear Combination	ULS
15059 (C)	15579	Linear Combination	ULS
15060 (C)	15580	Linear Combination	ULS
15061 (C)	15581	Linear Combination	ULS
15062 (C)	15582	Linear Combination	ULS
15063 (C)	15583	Linear Combination	ULS
15064 (C)	15584	Linear Combination	ULS
15065 (C)	15585	Linear Combination	ULS
15066 (C)	15586	Linear Combination	ULS
15067 (C)	15587	Linear Combination	ULS
15068 (C)	15588	Linear Combination	ULS
15069 (C)	15589	Linear Combination	ULS
15070 (C)	15590	Linear Combination	ULS
15071 (C)	15591	Linear Combination	ULS
15072 (C)	15592	Linear Combination	ULS
15073 (C)	15593	Linear Combination	ULS
15074 (C)	15594	Linear Combination	ULS
15075 (C)	15595	Linear Combination	ULS
15076 (C)	15596	Linear Combination	ULS
15077 (C)	15597	Linear Combination	ULS
15078 (C)	15598	Linear Combination	ULS
15079 (C)	15599	Linear Combination	ULS
15080 (C)	15600	Linear Combination	ULS
15081 (C)	15601	Linear Combination	ULS
15082 (C)	15602	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15083 (C)	15603	Linear Combination	ULS
15084 (C)	15604	Linear Combination	ULS
15085 (C)	15605	Linear Combination	ULS
15086 (C)	15606	Linear Combination	ULS
15087 (C)	15607	Linear Combination	ULS
15088 (C)	15608	Linear Combination	ULS
15089 (C)	15609	Linear Combination	ULS
15090 (C)	15610	Linear Combination	ULS
15091 (C)	15611	Linear Combination	ULS
15092 (C)	15612	Linear Combination	ULS
15093 (C)	15613	Linear Combination	ULS
15094 (C)	15614	Linear Combination	ULS
15095 (C)	15615	Linear Combination	ULS
15096 (C)	15616	Linear Combination	ULS
15097 (C)	15617	Linear Combination	ULS
15098 (C)	15618	Linear Combination	ULS
15099 (C)	15619	Linear Combination	ULS
15100 (C)	15620	Linear Combination	ULS
15101 (C)	15621	Linear Combination	ULS
15102 (C)	15622	Linear Combination	ULS
15103 (C)	15623	Linear Combination	ULS
15104 (C)	15624	Linear Combination	ULS
15105 (C)	15625	Linear Combination	ULS
15106 (C)	15626	Linear Combination	ULS
15107 (C)	15627	Linear Combination	ULS
15108 (C)	15628	Linear Combination	ULS
15109 (C)	15629	Linear Combination	ULS
15110 (C)	15630	Linear Combination	ULS
15111 (C)	15631	Linear Combination	ULS
15112 (C)	15632	Linear Combination	ULS
15113 (C)	15633	Linear Combination	ULS
15114 (C)	15634	Linear Combination	ULS
15115 (C)	15635	Linear Combination	ULS
15116 (C)	15636	Linear Combination	ULS
15117 (C)	15637	Linear Combination	ULS
15118 (C)	15638	Linear Combination	ULS
15119 (C)	15639	Linear Combination	ULS
15120 (C)	15640	Linear Combination	ULS
15121 (C)	15641	Linear Combination	ULS
15122 (C)	15642	Linear Combination	ULS
15123 (C)	15643	Linear Combination	ULS
15124 (C)	15644	Linear Combination	ULS
15125 (C)	15645	Linear Combination	ULS
15126 (C)	15646	Linear Combination	ULS
15127 (C)	15647	Linear Combination	ULS
15128 (C)	15648	Linear Combination	ULS
15129 (C)	15649	Linear Combination	ULS
15130 (C)	15650	Linear Combination	ULS
15131 (C)	15651	Linear Combination	ULS
15132 (C)	15652	Linear Combination	ULS
15133 (C)	15653	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15134 (C)	15654	Linear Combination	ULS
15135 (C)	15655	Linear Combination	ULS
15136 (C)	15656	Linear Combination	ULS
15137 (C)	15657	Linear Combination	ULS
15138 (C)	15658	Linear Combination	ULS
15139 (C)	15659	Linear Combination	ULS
15140 (C)	15660	Linear Combination	ULS
15141 (C)	15661	Linear Combination	ULS
15142 (C)	15662	Linear Combination	ULS
15143 (C)	15663	Linear Combination	ULS
15144 (C)	15664	Linear Combination	ULS
15145 (C)	15665	Linear Combination	ULS
15146 (C)	15666	Linear Combination	ULS
15147 (C)	15667	Linear Combination	ULS
15148 (C)	15668	Linear Combination	ULS
15149 (C)	15669	Linear Combination	ULS
15150 (C)	15670	Linear Combination	ULS
15151 (C)	15671	Linear Combination	ULS
15152 (C)	15672	Linear Combination	ULS
15153 (C)	15673	Linear Combination	ULS
15154 (C)	15674	Linear Combination	ULS
15155 (C)	15675	Linear Combination	ULS
15156 (C)	15676	Linear Combination	ULS
15157 (C)	15677	Linear Combination	ULS
15158 (C)	15678	Linear Combination	ULS
15159 (C)	15679	Linear Combination	ULS
15160 (C)	15680	Linear Combination	ULS
15161 (C)	15681	Linear Combination	ULS
15162 (C)	15682	Linear Combination	ULS
15163 (C)	15683	Linear Combination	ULS
15164 (C)	15684	Linear Combination	ULS
15165 (C)	15685	Linear Combination	ULS
15166 (C)	15686	Linear Combination	ULS
15167 (C)	15687	Linear Combination	ULS
15168 (C)	15688	Linear Combination	ULS
15169 (C)	15689	Linear Combination	ULS
15170 (C)	15690	Linear Combination	ULS
15171 (C)	15691	Linear Combination	ULS
15172 (C)	15692	Linear Combination	ULS
15173 (C)	15693	Linear Combination	ULS
15174 (C)	15694	Linear Combination	ULS
15175 (C)	15695	Linear Combination	ULS
15176 (C)	15696	Linear Combination	ULS
15177 (C)	15697	Linear Combination	ULS
15178 (C)	15698	Linear Combination	ULS
15179 (C)	15699	Linear Combination	ULS
15180 (C)	15700	Linear Combination	ULS
15181 (C)	15701	Linear Combination	ULS
15182 (C)	15702	Linear Combination	ULS
15183 (C)	15703	Linear Combination	ULS
15184 (C)	15704	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15185 (C)	15705	Linear Combination	ULS
15186 (C)	15706	Linear Combination	ULS
15187 (C)	15707	Linear Combination	ULS
15188 (C)	15708	Linear Combination	ULS
15189 (C)	15709	Linear Combination	ULS
15190 (C)	15710	Linear Combination	ULS
15191 (C)	15711	Linear Combination	ULS
15192 (C)	15712	Linear Combination	ULS
15193 (C)	15713	Linear Combination	ULS
15194 (C)	15714	Linear Combination	ULS
15195 (C)	15715	Linear Combination	ULS
15196 (C)	15716	Linear Combination	ULS
15197 (C)	15717	Linear Combination	ULS
15198 (C)	15718	Linear Combination	ULS
15199 (C)	15719	Linear Combination	ULS
15200 (C)	15720	Linear Combination	ULS
15201 (C)	15721	Linear Combination	ULS
15202 (C)	15722	Linear Combination	ULS
15203 (C)	15723	Linear Combination	ULS
15204 (C)	15724	Linear Combination	ULS
15205 (C)	15725	Linear Combination	ULS
15206 (C)	15726	Linear Combination	ULS
15207 (C)	15727	Linear Combination	ULS
15208 (C)	15728	Linear Combination	ULS
15209 (C)	15729	Linear Combination	ULS
15210 (C)	15730	Linear Combination	ULS
15211 (C)	15731	Linear Combination	ULS
15212 (C)	15732	Linear Combination	ULS
15213 (C)	15733	Linear Combination	ULS
15214 (C)	15734	Linear Combination	ULS
15215 (C)	15735	Linear Combination	ULS
15216 (C)	15736	Linear Combination	ULS
15217 (C)	15737	Linear Combination	ULS
15218 (C)	15738	Linear Combination	ULS
15219 (C)	15739	Linear Combination	ULS
15220 (C)	15740	Linear Combination	ULS
15221 (C)	15741	Linear Combination	ULS
15222 (C)	15742	Linear Combination	ULS
15223 (C)	15743	Linear Combination	ULS
15224 (C)	15744	Linear Combination	ULS
15225 (C)	15745	Linear Combination	ULS
15226 (C)	15746	Linear Combination	ULS
15227 (C)	15747	Linear Combination	ULS
15228 (C)	15748	Linear Combination	ULS
15229 (C)	15749	Linear Combination	ULS
15230 (C)	15750	Linear Combination	ULS
15231 (C)	15751	Linear Combination	ULS
15232 (C)	15752	Linear Combination	ULS
15233 (C)	15753	Linear Combination	ULS
15234 (C)	15754	Linear Combination	ULS
15235 (C)	15755	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15236 (C)	15756	Linear Combination	ULS
15237 (C)	15757	Linear Combination	ULS
15238 (C)	15758	Linear Combination	ULS
15239 (C)	15759	Linear Combination	ULS
15240 (C)	15760	Linear Combination	ULS
15241 (C)	15761	Linear Combination	ULS
15242 (C)	15762	Linear Combination	ULS
15243 (C)	15763	Linear Combination	ULS
15244 (C)	15764	Linear Combination	ULS
15245 (C)	15765	Linear Combination	ULS
15246 (C)	15766	Linear Combination	ULS
15247 (C)	15767	Linear Combination	ULS
15248 (C)	15768	Linear Combination	ULS
15249 (C)	15769	Linear Combination	ULS
15250 (C)	15770	Linear Combination	ULS
15251 (C)	15771	Linear Combination	ULS
15252 (C)	15772	Linear Combination	ULS
15253 (C)	15773	Linear Combination	ULS
15254 (C)	15774	Linear Combination	ULS
15255 (C)	15775	Linear Combination	ULS
15256 (C)	15776	Linear Combination	ULS
15257 (C)	15777	Linear Combination	ULS
15258 (C)	15778	Linear Combination	ULS
15259 (C)	15779	Linear Combination	ULS
15260 (C)	15780	Linear Combination	ULS
15261 (C)	15781	Linear Combination	ULS
15262 (C)	15782	Linear Combination	ULS
15263 (C)	15783	Linear Combination	ULS
15264 (C)	15784	Linear Combination	ULS
15265 (C)	15785	Linear Combination	ULS
15266 (C)	15786	Linear Combination	ULS
15267 (C)	15787	Linear Combination	ULS
15268 (C)	15788	Linear Combination	ULS
15269 (C)	15789	Linear Combination	ULS
15270 (C)	15790	Linear Combination	ULS
15271 (C)	15791	Linear Combination	ULS
15272 (C)	15792	Linear Combination	ULS
15273 (C)	15793	Linear Combination	ULS
15274 (C)	15794	Linear Combination	ULS
15275 (C)	15795	Linear Combination	ULS
15276 (C)	15796	Linear Combination	ULS
15277 (C)	15797	Linear Combination	ULS
15278 (C)	15798	Linear Combination	ULS
15279 (C)	15799	Linear Combination	ULS
15280 (C)	15800	Linear Combination	ULS
15281 (C)	15801	Linear Combination	ULS
15282 (C)	15802	Linear Combination	ULS
15283 (C)	15803	Linear Combination	ULS
15284 (C)	15804	Linear Combination	ULS
15285 (C)	15805	Linear Combination	ULS
15286 (C)	15806	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15287 (C)	15807	Linear Combination	ULS
15288 (C)	15808	Linear Combination	ULS
15289 (C)	15809	Linear Combination	ULS
15290 (C)	15810	Linear Combination	ULS
15291 (C)	15811	Linear Combination	ULS
15292 (C)	15812	Linear Combination	ULS
15293 (C)	15813	Linear Combination	ULS
15294 (C)	15814	Linear Combination	ULS
15295 (C)	15815	Linear Combination	ULS
15296 (C)	15816	Linear Combination	ULS
15297 (C)	15817	Linear Combination	ULS
15298 (C)	15818	Linear Combination	ULS
15299 (C)	15819	Linear Combination	ULS
15300 (C)	15820	Linear Combination	ULS
15301 (C)	15821	Linear Combination	ULS
15302 (C)	15822	Linear Combination	ULS
15303 (C)	15823	Linear Combination	ULS
15304 (C)	15824	Linear Combination	ULS
15305 (C)	15825	Linear Combination	ULS
15306 (C)	15826	Linear Combination	ULS
15307 (C)	15827	Linear Combination	ULS
15308 (C)	15828	Linear Combination	ULS
15309 (C)	15829	Linear Combination	ULS
15310 (C)	15830	Linear Combination	ULS
15311 (C)	15831	Linear Combination	ULS
15312 (C)	15832	Linear Combination	ULS
15313 (C)	15833	Linear Combination	ULS
15314 (C)	15834	Linear Combination	ULS
15315 (C)	15835	Linear Combination	ULS
15316 (C)	15836	Linear Combination	ULS
15317 (C)	15837	Linear Combination	ULS
15318 (C)	15838	Linear Combination	ULS
15319 (C)	15839	Linear Combination	ULS
15320 (C)	15840	Linear Combination	ULS
15321 (C)	15841	Linear Combination	ULS
15322 (C)	15842	Linear Combination	ULS
15323 (C)	15843	Linear Combination	ULS
15324 (C)	15844	Linear Combination	ULS
15325 (C)	15845	Linear Combination	ULS
15326 (C)	15846	Linear Combination	ULS
15327 (C)	15847	Linear Combination	ULS
15328 (C)	15848	Linear Combination	ULS
15329 (C)	15849	Linear Combination	ULS
15330 (C)	15850	Linear Combination	ULS
15331 (C)	15851	Linear Combination	ULS
15332 (C)	15852	Linear Combination	ULS
15333 (C)	15853	Linear Combination	ULS
15334 (C)	15854	Linear Combination	ULS
15335 (C)	15855	Linear Combination	ULS
15336 (C)	15856	Linear Combination	ULS
15337 (C)	15857	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15338 (C)	15858	Linear Combination	ULS
15339 (C)	15859	Linear Combination	ULS
15340 (C)	15860	Linear Combination	ULS
15341 (C)	15861	Linear Combination	ULS
15342 (C)	15862	Linear Combination	ULS
15343 (C)	15863	Linear Combination	ULS
15344 (C)	15864	Linear Combination	ULS
15345 (C)	15865	Linear Combination	ULS
15346 (C)	15866	Linear Combination	ULS
15347 (C)	15867	Linear Combination	ULS
15348 (C)	15868	Linear Combination	ULS
15349 (C)	15869	Linear Combination	ULS
15350 (C)	15870	Linear Combination	ULS
15351 (C)	15871	Linear Combination	ULS
15352 (C)	15872	Linear Combination	ULS
15353 (C)	15873	Linear Combination	ULS
15354 (C)	15874	Linear Combination	ULS
15355 (C)	15875	Linear Combination	ULS
15356 (C)	15876	Linear Combination	ULS
15357 (C)	15877	Linear Combination	ULS
15358 (C)	15878	Linear Combination	ULS
15359 (C)	15879	Linear Combination	ULS
15360 (C)	15880	Linear Combination	ULS
15361 (C)	15881	Linear Combination	ULS
15362 (C)	15882	Linear Combination	ULS
15363 (C)	15883	Linear Combination	ULS
15364 (C)	15884	Linear Combination	ULS
15365 (C)	15885	Linear Combination	ULS
15366 (C)	15886	Linear Combination	ULS
15367 (C)	15887	Linear Combination	ULS
15368 (C)	15888	Linear Combination	ULS
15369 (C)	15889	Linear Combination	ULS
15370 (C)	15890	Linear Combination	ULS
15371 (C)	15891	Linear Combination	ULS
15372 (C)	15892	Linear Combination	ULS
15373 (C)	15893	Linear Combination	ULS
15374 (C)	15894	Linear Combination	ULS
15375 (C)	15895	Linear Combination	ULS
15376 (C)	15896	Linear Combination	ULS
15377 (C)	15897	Linear Combination	ULS
15378 (C)	15898	Linear Combination	ULS
15379 (C)	15899	Linear Combination	ULS
15380 (C)	15900	Linear Combination	ULS
15381 (C)	15901	Linear Combination	ULS
15382 (C)	15902	Linear Combination	ULS
15383 (C)	15903	Linear Combination	ULS
15384 (C)	15904	Linear Combination	ULS
15385 (C)	15905	Linear Combination	ULS
15386 (C)	15906	Linear Combination	ULS
15387 (C)	15907	Linear Combination	ULS
15388 (C)	15908	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15389 (C)	15909	Linear Combination	ULS
15390 (C)	15910	Linear Combination	ULS
15391 (C)	15911	Linear Combination	ULS
15392 (C)	15912	Linear Combination	ULS
15393 (C)	15913	Linear Combination	ULS
15394 (C)	15914	Linear Combination	ULS
15395 (C)	15915	Linear Combination	ULS
15396 (C)	15916	Linear Combination	ULS
15397 (C)	15917	Linear Combination	ULS
15398 (C)	15918	Linear Combination	ULS
15399 (C)	15919	Linear Combination	ULS
15400 (C)	15920	Linear Combination	ULS
15401 (C)	15921	Linear Combination	ULS
15402 (C)	15922	Linear Combination	ULS
15403 (C)	15923	Linear Combination	ULS
15404 (C)	15924	Linear Combination	ULS
15405 (C)	15925	Linear Combination	ULS
15406 (C)	15926	Linear Combination	ULS
15407 (C)	15927	Linear Combination	ULS
15408 (C)	15928	Linear Combination	ULS
15409 (C)	15929	Linear Combination	ULS
15410 (C)	15930	Linear Combination	ULS
15411 (C)	15931	Linear Combination	ULS
15412 (C)	15932	Linear Combination	ULS
15413 (C)	15933	Linear Combination	ULS
15414 (C)	15934	Linear Combination	ULS
15415 (C)	15935	Linear Combination	ULS
15416 (C)	15936	Linear Combination	ULS
15417 (C)	15937	Linear Combination	ULS
15418 (C)	15938	Linear Combination	ULS
15419 (C)	15939	Linear Combination	ULS
15420 (C)	15940	Linear Combination	ULS
15421 (C)	15941	Linear Combination	ULS
15422 (C)	15942	Linear Combination	ULS
15423 (C)	15943	Linear Combination	ULS
15424 (C)	15944	Linear Combination	ULS
15425 (C)	15945	Linear Combination	ULS
15426 (C)	15946	Linear Combination	ULS
15427 (C)	15947	Linear Combination	ULS
15428 (C)	15948	Linear Combination	ULS
15429 (C)	15949	Linear Combination	ULS
15430 (C)	15950	Linear Combination	ULS
15431 (C)	15951	Linear Combination	ULS
15432 (C)	15952	Linear Combination	ULS
15433 (C)	15953	Linear Combination	ULS
15434 (C)	15954	Linear Combination	ULS
15435 (C)	15955	Linear Combination	ULS
15436 (C)	15956	Linear Combination	ULS
15437 (C)	15957	Linear Combination	ULS
15438 (C)	15958	Linear Combination	ULS
15439 (C)	15959	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15440 (C)	15960	Linear Combination	ULS
15441 (C)	15961	Linear Combination	ULS
15442 (C)	15962	Linear Combination	ULS
15443 (C)	15963	Linear Combination	ULS
15444 (C)	15964	Linear Combination	ULS
15445 (C)	15965	Linear Combination	ULS
15446 (C)	15966	Linear Combination	ULS
15447 (C)	15967	Linear Combination	ULS
15448 (C)	15968	Linear Combination	ULS
15449 (C)	15969	Linear Combination	ULS
15450 (C)	15970	Linear Combination	ULS
15451 (C)	15971	Linear Combination	ULS
15452 (C)	15972	Linear Combination	ULS
15453 (C)	15973	Linear Combination	ULS
15454 (C)	15974	Linear Combination	ULS
15455 (C)	15975	Linear Combination	ULS
15456 (C)	15976	Linear Combination	ULS
15457 (C)	15977	Linear Combination	ULS
15458 (C)	15978	Linear Combination	ULS
15459 (C)	15979	Linear Combination	ULS
15460 (C)	15980	Linear Combination	ULS
15461 (C)	15981	Linear Combination	ULS
15462 (C)	15982	Linear Combination	ULS
15463 (C)	15983	Linear Combination	ULS
15464 (C)	15984	Linear Combination	ULS
15465 (C)	15985	Linear Combination	ULS
15466 (C)	15986	Linear Combination	ULS
15467 (C)	15987	Linear Combination	ULS
15468 (C)	15988	Linear Combination	ULS
15469 (C)	15989	Linear Combination	ULS
15470 (C)	15990	Linear Combination	ULS
15471 (C)	15991	Linear Combination	ULS
15472 (C)	15992	Linear Combination	ULS
15473 (C)	15993	Linear Combination	ULS
15474 (C)	15994	Linear Combination	ULS
15475 (C)	15995	Linear Combination	ULS
15476 (C)	15996	Linear Combination	ULS
15477 (C)	15997	Linear Combination	ULS
15478 (C)	15998	Linear Combination	ULS
15479 (C)	15999	Linear Combination	ULS
15480 (C)	16000	Linear Combination	ULS
15481 (C)	16001	Linear Combination	ULS
15482 (C)	16002	Linear Combination	ULS
15483 (C)	16003	Linear Combination	ULS
15484 (C)	16004	Linear Combination	ULS
15485 (C)	16005	Linear Combination	ULS
15486 (C)	16006	Linear Combination	ULS
15487 (C)	16007	Linear Combination	ULS
15488 (C)	16008	Linear Combination	ULS
15489 (C)	16009	Linear Combination	ULS
15490 (C)	16010	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15491 (C)	16011	Linear Combination	ULS
15492 (C)	16012	Linear Combination	ULS
15493 (C)	16013	Linear Combination	ULS
15494 (C)	16014	Linear Combination	ULS
15495 (C)	16015	Linear Combination	ULS
15496 (C)	16016	Linear Combination	ULS
15497 (C)	16017	Linear Combination	ULS
15498 (C)	16018	Linear Combination	ULS
15499 (C)	16019	Linear Combination	ULS
15500 (C)	16020	Linear Combination	ULS
15501 (C)	16021	Linear Combination	ULS
15502 (C)	16022	Linear Combination	ULS
15503 (C)	16023	Linear Combination	ULS
15504 (C)	16024	Linear Combination	ULS
15505 (C)	16025	Linear Combination	ULS
15506 (C)	16026	Linear Combination	ULS
15507 (C)	16027	Linear Combination	ULS
15508 (C)	16028	Linear Combination	ULS
15509 (C)	16029	Linear Combination	ULS
15510 (C)	16030	Linear Combination	ULS
15511 (C)	16031	Linear Combination	ULS
15512 (C)	16032	Linear Combination	ULS
15513 (C)	16033	Linear Combination	ULS
15514 (C)	16034	Linear Combination	ULS
15515 (C)	16035	Linear Combination	ULS
15516 (C)	16036	Linear Combination	ULS
15517 (C)	16037	Linear Combination	ULS
15518 (C)	16038	Linear Combination	ULS
15519 (C)	16039	Linear Combination	ULS
15520 (C)	16040	Linear Combination	ULS
15521 (C)	16041	Linear Combination	ULS
15522 (C)	16042	Linear Combination	ULS
15523 (C)	16043	Linear Combination	ULS
15524 (C)	16044	Linear Combination	ULS
15525 (C)	16045	Linear Combination	ULS
15526 (C)	16046	Linear Combination	ULS
15527 (C)	16047	Linear Combination	ULS
15528 (C)	16048	Linear Combination	ULS
15529 (C)	16049	Linear Combination	ULS
15530 (C)	16050	Linear Combination	ULS
15531 (C)	16051	Linear Combination	ULS
15532 (C)	16052	Linear Combination	ULS
15533 (C)	16053	Linear Combination	ULS
15534 (C)	16054	Linear Combination	ULS
15535 (C)	16055	Linear Combination	ULS
15536 (C)	16056	Linear Combination	ULS
15537 (C)	16057	Linear Combination	ULS
15538 (C)	16058	Linear Combination	ULS
15539 (C)	16059	Linear Combination	ULS
15540 (C)	16060	Linear Combination	ULS
15541 (C)	16061	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15542 (C)	16062	Linear Combination	ULS
15543 (C)	16063	Linear Combination	ULS
15544 (C)	16064	Linear Combination	ULS
15545 (C)	16065	Linear Combination	ULS
15546 (C)	16066	Linear Combination	ULS
15547 (C)	16067	Linear Combination	ULS
15548 (C)	16068	Linear Combination	ULS
15549 (C)	16069	Linear Combination	ULS
15550 (C)	16070	Linear Combination	ULS
15551 (C)	16071	Linear Combination	ULS
15552 (C)	16072	Linear Combination	ULS
15553 (C)	16073	Linear Combination	ULS
15554 (C)	16074	Linear Combination	ULS
15555 (C)	16075	Linear Combination	ULS
15556 (C)	16076	Linear Combination	ULS
15557 (C)	16077	Linear Combination	ULS
15558 (C)	16078	Linear Combination	ULS
15559 (C)	16079	Linear Combination	ULS
15560 (C)	16080	Linear Combination	ULS
15561 (C)	16081	Linear Combination	ULS
15562 (C)	16082	Linear Combination	ULS
15563 (C)	16083	Linear Combination	ULS
15564 (C)	16084	Linear Combination	ULS
15565 (C)	16085	Linear Combination	ULS
15566 (C)	16086	Linear Combination	ULS
15567 (C)	16087	Linear Combination	ULS
15568 (C)	16088	Linear Combination	ULS
15569 (C)	16089	Linear Combination	ULS
15570 (C)	16090	Linear Combination	ULS
15571 (C)	16091	Linear Combination	ULS
15572 (C)	16092	Linear Combination	ULS
15573 (C)	16093	Linear Combination	ULS
15574 (C)	16094	Linear Combination	ULS
15575 (C)	16095	Linear Combination	ULS
15576 (C)	16096	Linear Combination	ULS
15577 (C)	16097	Linear Combination	ULS
15578 (C)	16098	Linear Combination	ULS
15579 (C)	16099	Linear Combination	ULS
15580 (C)	16100	Linear Combination	ULS
15581 (C)	16101	Linear Combination	ULS
15582 (C)	16102	Linear Combination	ULS
15583 (C)	16103	Linear Combination	ULS
15584 (C)	16104	Linear Combination	ULS
15585 (C)	16105	Linear Combination	ULS
15586 (C)	16106	Linear Combination	ULS
15587 (C)	16107	Linear Combination	ULS
15588 (C)	16108	Linear Combination	ULS
15589 (C)	16109	Linear Combination	ULS
15590 (C)	16110	Linear Combination	ULS
15591 (C)	16111	Linear Combination	ULS
15592 (C)	16112	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15593 (C)	16113	Linear Combination	ULS
15594 (C)	16114	Linear Combination	ULS
15595 (C)	16115	Linear Combination	ULS
15596 (C)	16116	Linear Combination	ULS
15597 (C)	16117	Linear Combination	ULS
15598 (C)	16118	Linear Combination	ULS
15599 (C)	16119	Linear Combination	ULS
15600 (C)	16120	Linear Combination	ULS
15601 (C)	16121	Linear Combination	ULS
15602 (C)	16122	Linear Combination	ULS
15603 (C)	16123	Linear Combination	ULS
15604 (C)	16124	Linear Combination	ULS
15605 (C)	16125	Linear Combination	ULS
15606 (C)	16126	Linear Combination	ULS
15607 (C)	16127	Linear Combination	ULS
15608 (C)	16128	Linear Combination	ULS
15609 (C)	16129	Linear Combination	ULS
15610 (C)	16130	Linear Combination	ULS
15611 (C)	16131	Linear Combination	ULS
15612 (C)	16132	Linear Combination	ULS
15613 (C)	16133	Linear Combination	ULS
15614 (C)	16134	Linear Combination	ULS
15615 (C)	16135	Linear Combination	ULS
15616 (C)	16136	Linear Combination	ULS
15617 (C)	16137	Linear Combination	ULS
15618 (C)	16138	Linear Combination	ULS
15619 (C)	16139	Linear Combination	ULS
15620 (C)	16140	Linear Combination	ULS
15621 (C)	16141	Linear Combination	ULS
15622 (C)	16142	Linear Combination	ULS
15623 (C)	16143	Linear Combination	ULS
15624 (C)	16144	Linear Combination	ULS
15625 (C)	16145	Linear Combination	ULS
15626 (C)	16146	Linear Combination	ULS
15627 (C)	16147	Linear Combination	ULS
15628 (C)	16148	Linear Combination	ULS
15629 (C)	16149	Linear Combination	ULS
15630 (C)	16150	Linear Combination	ULS
15631 (C)	16151	Linear Combination	ULS
15632 (C)	16152	Linear Combination	ULS
15633 (C)	16153	Linear Combination	ULS
15634 (C)	16154	Linear Combination	ULS
15635 (C)	16155	Linear Combination	ULS
15636 (C)	16156	Linear Combination	ULS
15637 (C)	16157	Linear Combination	ULS
15638 (C)	16158	Linear Combination	ULS
15639 (C)	16159	Linear Combination	ULS
15640 (C)	16160	Linear Combination	ULS
15641 (C)	16161	Linear Combination	ULS
15642 (C)	16162	Linear Combination	ULS
15643 (C)	16163	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15644 (C)	16164	Linear Combination	ULS
15645 (C)	16165	Linear Combination	ULS
15646 (C)	16166	Linear Combination	ULS
15647 (C)	16167	Linear Combination	ULS
15648 (C)	16168	Linear Combination	ULS
15649 (C)	16169	Linear Combination	ULS
15650 (C)	16170	Linear Combination	ULS
15651 (C)	16171	Linear Combination	ULS
15652 (C)	16172	Linear Combination	ULS
15653 (C)	16173	Linear Combination	ULS
15654 (C)	16174	Linear Combination	ULS
15655 (C)	16175	Linear Combination	ULS
15656 (C)	16176	Linear Combination	ULS
15657 (C)	16177	Linear Combination	ULS
15658 (C)	16178	Linear Combination	ULS
15659 (C)	16179	Linear Combination	ULS
15660 (C)	16180	Linear Combination	ULS
15661 (C)	16181	Linear Combination	ULS
15662 (C)	16182	Linear Combination	ULS
15663 (C)	16183	Linear Combination	ULS
15664 (C)	16184	Linear Combination	ULS
15665 (C)	16185	Linear Combination	ULS
15666 (C)	16186	Linear Combination	ULS
15667 (C)	16187	Linear Combination	ULS
15668 (C)	16188	Linear Combination	ULS
15669 (C)	16189	Linear Combination	ULS
15670 (C)	16190	Linear Combination	ULS
15671 (C)	16191	Linear Combination	ULS
15672 (C)	16192	Linear Combination	ULS
15673 (C)	16193	Linear Combination	ULS
15674 (C)	16194	Linear Combination	ULS
15675 (C)	16195	Linear Combination	ULS
15676 (C)	16196	Linear Combination	ULS
15677 (C)	16197	Linear Combination	ULS
15678 (C)	16198	Linear Combination	ULS
15679 (C)	16199	Linear Combination	ULS
15680 (C)	16200	Linear Combination	ULS
15681 (C)	16201	Linear Combination	ULS
15682 (C)	16202	Linear Combination	ULS
15683 (C)	16203	Linear Combination	ULS
15684 (C)	16204	Linear Combination	ULS
15685 (C)	16205	Linear Combination	ULS
15686 (C)	16206	Linear Combination	ULS
15687 (C)	16207	Linear Combination	ULS
15688 (C)	16208	Linear Combination	ULS
15689 (C)	16209	Linear Combination	ULS
15690 (C)	16210	Linear Combination	ULS
15691 (C)	16211	Linear Combination	ULS
15692 (C)	16212	Linear Combination	ULS
15693 (C)	16213	Linear Combination	ULS
15694 (C)	16214	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15695 (C)	16215	Linear Combination	ULS
15696 (C)	16216	Linear Combination	ULS
15697 (C)	16217	Linear Combination	ULS
15698 (C)	16218	Linear Combination	ULS
15699 (C)	16219	Linear Combination	ULS
15700 (C)	16220	Linear Combination	ULS
15701 (C)	16221	Linear Combination	ULS
15702 (C)	16222	Linear Combination	ULS
15703 (C)	16223	Linear Combination	ULS
15704 (C)	16224	Linear Combination	ULS
15705 (C)	16225	Linear Combination	ULS
15706 (C)	16226	Linear Combination	ULS
15707 (C)	16227	Linear Combination	ULS
15708 (C)	16228	Linear Combination	ULS
15709 (C)	16229	Linear Combination	ULS
15710 (C)	16230	Linear Combination	ULS
15711 (C)	16231	Linear Combination	ULS
15712 (C)	16232	Linear Combination	ULS
15713 (C)	16233	Linear Combination	ULS
15714 (C)	16234	Linear Combination	ULS
15715 (C)	16235	Linear Combination	ULS
15716 (C)	16236	Linear Combination	ULS
15717 (C)	16237	Linear Combination	ULS
15718 (C)	16238	Linear Combination	ULS
15719 (C)	16239	Linear Combination	ULS
15720 (C)	16240	Linear Combination	ULS
15721 (C)	16241	Linear Combination	ULS
15722 (C)	16242	Linear Combination	ULS
15723 (C)	16243	Linear Combination	ULS
15724 (C)	16244	Linear Combination	ULS
15725 (C)	16245	Linear Combination	ULS
15726 (C)	16246	Linear Combination	ULS
15727 (C)	16247	Linear Combination	ULS
15728 (C)	16248	Linear Combination	ULS
15729 (C)	16249	Linear Combination	ULS
15730 (C)	16250	Linear Combination	ULS
15731 (C)	16251	Linear Combination	ULS
15732 (C)	16252	Linear Combination	ULS
15733 (C)	16253	Linear Combination	ULS
15734 (C)	16254	Linear Combination	ULS
15735 (C)	16255	Linear Combination	ULS
15736 (C)	16256	Linear Combination	ULS
15737 (C)	16257	Linear Combination	ULS
15738 (C)	16258	Linear Combination	ULS
15739 (C)	16259	Linear Combination	ULS
15740 (C)	16260	Linear Combination	ULS
15741 (C)	16261	Linear Combination	ULS
15742 (C)	16262	Linear Combination	ULS
15743 (C)	16263	Linear Combination	ULS
15744 (C)	16264	Linear Combination	ULS
15745 (C)	16265	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15746 (C)	16266	Linear Combination	ULS
15747 (C)	16267	Linear Combination	ULS
15748 (C)	16268	Linear Combination	ULS
15749 (C)	16269	Linear Combination	ULS
15750 (C)	16270	Linear Combination	ULS
15751 (C)	16271	Linear Combination	ULS
15752 (C)	16272	Linear Combination	ULS
15753 (C)	16273	Linear Combination	ULS
15754 (C)	16274	Linear Combination	ULS
15755 (C)	16275	Linear Combination	ULS
15756 (C)	16276	Linear Combination	ULS
15757 (C)	16277	Linear Combination	ULS
15758 (C)	16278	Linear Combination	ULS
15759 (C)	16279	Linear Combination	ULS
15760 (C)	16280	Linear Combination	ULS
15761 (C)	16281	Linear Combination	ULS
15762 (C)	16282	Linear Combination	ULS
15763 (C)	16283	Linear Combination	ULS
15764 (C)	16284	Linear Combination	ULS
15765 (C)	16285	Linear Combination	ULS
15766 (C)	16286	Linear Combination	ULS
15767 (C)	16287	Linear Combination	ULS
15768 (C)	16288	Linear Combination	ULS
15769 (C)	16289	Linear Combination	ULS
15770 (C)	16290	Linear Combination	ULS
15771 (C)	16291	Linear Combination	ULS
15772 (C)	16292	Linear Combination	ULS
15773 (C)	16293	Linear Combination	ULS
15774 (C)	16294	Linear Combination	ULS
15775 (C)	16295	Linear Combination	ULS
15776 (C)	16296	Linear Combination	ULS
15777 (C)	16297	Linear Combination	ULS
15778 (C)	16298	Linear Combination	ULS
15779 (C)	16299	Linear Combination	ULS
15780 (C)	16300	Linear Combination	ULS
15781 (C)	16301	Linear Combination	ULS
15782 (C)	16302	Linear Combination	ULS
15783 (C)	16303	Linear Combination	ULS
15784 (C)	16304	Linear Combination	ULS
15785 (C)	16305	Linear Combination	ULS
15786 (C)	16306	Linear Combination	ULS
15787 (C)	16307	Linear Combination	ULS
15788 (C)	16308	Linear Combination	ULS
15789 (C)	16309	Linear Combination	ULS
15790 (C)	16310	Linear Combination	ULS
15791 (C)	16311	Linear Combination	ULS
15792 (C)	16312	Linear Combination	ULS
15793 (C)	16313	Linear Combination	ULS
15794 (C)	16314	Linear Combination	ULS
15795 (C)	16315	Linear Combination	ULS
15796 (C)	16316	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15797 (C)	16317	Linear Combination	ULS
15798 (C)	16318	Linear Combination	ULS
15799 (C)	16319	Linear Combination	ULS
15800 (C)	16320	Linear Combination	ULS
15801 (C)	16321	Linear Combination	ULS
15802 (C)	16322	Linear Combination	ULS
15803 (C)	16323	Linear Combination	ULS
15804 (C)	16324	Linear Combination	ULS
15805 (C)	16325	Linear Combination	ULS
15806 (C)	16326	Linear Combination	ULS
15807 (C)	16327	Linear Combination	ULS
15808 (C)	16328	Linear Combination	ULS
15809 (C)	16329	Linear Combination	ULS
15810 (C)	16330	Linear Combination	ULS
15811 (C)	16331	Linear Combination	ULS
15812 (C)	16332	Linear Combination	ULS
15813 (C)	16333	Linear Combination	ULS
15814 (C)	16334	Linear Combination	ULS
15815 (C)	16335	Linear Combination	ULS
15816 (C)	16336	Linear Combination	ULS
15817 (C)	16337	Linear Combination	ULS
15818 (C)	16338	Linear Combination	ULS
15819 (C)	16339	Linear Combination	ULS
15820 (C)	16340	Linear Combination	ULS
15821 (C)	16341	Linear Combination	ULS
15822 (C)	16342	Linear Combination	ULS
15823 (C)	16343	Linear Combination	ULS
15824 (C)	16344	Linear Combination	ULS
15825 (C)	16345	Linear Combination	ULS
15826 (C)	16346	Linear Combination	ULS
15827 (C)	16347	Linear Combination	ULS
15828 (C)	16348	Linear Combination	ULS
15829 (C)	16349	Linear Combination	ULS
15830 (C)	16350	Linear Combination	ULS
15831 (C)	16351	Linear Combination	ULS
15832 (C)	16352	Linear Combination	ULS
15833 (C)	16353	Linear Combination	ULS
15834 (C)	16354	Linear Combination	ULS
15835 (C)	16355	Linear Combination	ULS
15836 (C)	16356	Linear Combination	ULS
15837 (C)	16357	Linear Combination	ULS
15838 (C)	16358	Linear Combination	ULS
15839 (C)	16359	Linear Combination	ULS
15840 (C)	16360	Linear Combination	ULS
15841 (C)	16361	Linear Combination	ULS
15842 (C)	16362	Linear Combination	ULS
15843 (C)	16363	Linear Combination	ULS
15844 (C)	16364	Linear Combination	ULS
15845 (C)	16365	Linear Combination	ULS
15846 (C)	16366	Linear Combination	ULS
15847 (C)	16367	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15848 (C)	16368	Linear Combination	ULS
15849 (C)	16369	Linear Combination	ULS
15850 (C)	16370	Linear Combination	ULS
15851 (C)	16371	Linear Combination	ULS
15852 (C)	16372	Linear Combination	ULS
15853 (C)	16373	Linear Combination	ULS
15854 (C)	16374	Linear Combination	ULS
15855 (C)	16375	Linear Combination	ULS
15856 (C)	16376	Linear Combination	ULS
15857 (C)	16377	Linear Combination	ULS
15858 (C)	16378	Linear Combination	ULS
15859 (C)	16379	Linear Combination	ULS
15860 (C)	16380	Linear Combination	ULS
15861 (C)	16381	Linear Combination	ULS
15862 (C)	16382	Linear Combination	ULS
15863 (C)	16383	Linear Combination	ULS
15864 (C)	16384	Linear Combination	ULS
15865 (C)	16385	Linear Combination	ULS
15866 (C)	16386	Linear Combination	ULS
15867 (C)	16387	Linear Combination	ULS
15868 (C)	16388	Linear Combination	ULS
15869 (C)	16389	Linear Combination	ULS
15870 (C)	16390	Linear Combination	ULS
15871 (C)	16391	Linear Combination	ULS
15872 (C)	16392	Linear Combination	ULS
15873 (C)	16393	Linear Combination	ULS
15874 (C)	16394	Linear Combination	ULS
15875 (C)	16395	Linear Combination	ULS
15876 (C)	16396	Linear Combination	ULS
15877 (C)	16397	Linear Combination	ULS
15878 (C)	16398	Linear Combination	ULS
15879 (C)	16399	Linear Combination	ULS
15880 (C)	16400	Linear Combination	ULS
15881 (C)	16401	Linear Combination	ULS
15882 (C)	16402	Linear Combination	ULS
15883 (C)	16403	Linear Combination	ULS
15884 (C)	16404	Linear Combination	ULS
15885 (C)	16405	Linear Combination	ULS
15886 (C)	16406	Linear Combination	ULS
15887 (C)	16407	Linear Combination	ULS
15888 (C)	16408	Linear Combination	ULS
15889 (C)	16409	Linear Combination	ULS
15890 (C)	16410	Linear Combination	ULS
15891 (C)	16411	Linear Combination	ULS
15892 (C)	16412	Linear Combination	ULS
15893 (C)	16413	Linear Combination	ULS
15894 (C)	16414	Linear Combination	ULS
15895 (C)	16415	Linear Combination	ULS
15896 (C)	16416	Linear Combination	ULS
15897 (C)	16417	Linear Combination	ULS
15898 (C)	16418	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15899 (C)	16419	Linear Combination	ULS
15900 (C)	16420	Linear Combination	ULS
15901 (C)	16421	Linear Combination	ULS
15902 (C)	16422	Linear Combination	ULS
15903 (C)	16423	Linear Combination	ULS
15904 (C)	16424	Linear Combination	ULS
15905 (C)	16425	Linear Combination	ULS
15906 (C)	16426	Linear Combination	ULS
15907 (C)	16427	Linear Combination	ULS
15908 (C)	16428	Linear Combination	ULS
15909 (C)	16429	Linear Combination	ULS
15910 (C)	16430	Linear Combination	ULS
15911 (C)	16431	Linear Combination	ULS
15912 (C)	16432	Linear Combination	ULS
15913 (C)	16433	Linear Combination	ULS
15914 (C)	16434	Linear Combination	ULS
15915 (C)	16435	Linear Combination	ULS
15916 (C)	16436	Linear Combination	ULS
15917 (C)	16437	Linear Combination	ULS
15918 (C)	16438	Linear Combination	ULS
15919 (C)	16439	Linear Combination	ULS
15920 (C)	16440	Linear Combination	ULS
15921 (C)	16441	Linear Combination	ULS
15922 (C)	16442	Linear Combination	ULS
15923 (C)	16443	Linear Combination	ULS
15924 (C)	16444	Linear Combination	ULS
15925 (C)	16445	Linear Combination	ULS
15926 (C)	16446	Linear Combination	ULS
15927 (C)	16447	Linear Combination	ULS
15928 (C)	16448	Linear Combination	ULS
15929 (C)	16449	Linear Combination	ULS
15930 (C)	16450	Linear Combination	ULS
15931 (C)	16451	Linear Combination	ULS
15932 (C)	16452	Linear Combination	ULS
15933 (C)	16453	Linear Combination	ULS
15934 (C)	16454	Linear Combination	ULS
15935 (C)	16455	Linear Combination	ULS
15936 (C)	16456	Linear Combination	ULS
15937 (C)	16457	Linear Combination	ULS
15938 (C)	16458	Linear Combination	ULS
15939 (C)	16459	Linear Combination	ULS
15940 (C)	16460	Linear Combination	ULS
15941 (C)	16461	Linear Combination	ULS
15942 (C)	16462	Linear Combination	ULS
15943 (C)	16463	Linear Combination	ULS
15944 (C)	16464	Linear Combination	ULS
15945 (C)	16465	Linear Combination	ULS
15946 (C)	16466	Linear Combination	ULS
15947 (C)	16467	Linear Combination	ULS
15948 (C)	16468	Linear Combination	ULS
15949 (C)	16469	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
15950 (C)	16470	Linear Combination	ULS
15951 (C)	16471	Linear Combination	ULS
15952 (C)	16472	Linear Combination	ULS
15953 (C)	16473	Linear Combination	ULS
15954 (C)	16474	Linear Combination	ULS
15955 (C)	16475	Linear Combination	ULS
15956 (C)	16476	Linear Combination	ULS
15957 (C)	16477	Linear Combination	ULS
15958 (C)	16478	Linear Combination	ULS
15959 (C)	16479	Linear Combination	ULS
15960 (C)	16480	Linear Combination	ULS
15961 (C)	16481	Linear Combination	ULS
15962 (C)	16482	Linear Combination	ULS
15963 (C)	16483	Linear Combination	ULS
15964 (C)	16484	Linear Combination	ULS
15965 (C)	16485	Linear Combination	ULS
15966 (C)	16486	Linear Combination	ULS
15967 (C)	16487	Linear Combination	ULS
15968 (C)	16488	Linear Combination	ULS
15969 (C)	16489	Linear Combination	ULS
15970 (C)	16490	Linear Combination	ULS
15971 (C)	16491	Linear Combination	ULS
15972 (C)	16492	Linear Combination	ULS
15973 (C)	16493	Linear Combination	ULS
15974 (C)	16494	Linear Combination	ULS
15975 (C)	16495	Linear Combination	ULS
15976 (C)	16496	Linear Combination	ULS
15977 (C)	16497	Linear Combination	ULS
15978 (C)	16498	Linear Combination	ULS
15979 (C)	16499	Linear Combination	ULS
15980 (C)	16500	Linear Combination	ULS
15981 (C)	16501	Linear Combination	ULS
15982 (C)	16502	Linear Combination	ULS
15983 (C)	16503	Linear Combination	ULS
15984 (C)	16504	Linear Combination	ULS
15985 (C)	16505	Linear Combination	ULS
15986 (C)	16506	Linear Combination	ULS
15987 (C)	16507	Linear Combination	ULS
15988 (C)	16508	Linear Combination	ULS
15989 (C)	16509	Linear Combination	ULS
15990 (C)	16510	Linear Combination	ULS
15991 (C)	16511	Linear Combination	ULS
15992 (C)	16512	Linear Combination	ULS
15993 (C)	16513	Linear Combination	ULS
15994 (C)	16514	Linear Combination	ULS
15995 (C)	16515	Linear Combination	ULS
15996 (C)	16516	Linear Combination	ULS
15997 (C)	16517	Linear Combination	ULS
15998 (C)	16518	Linear Combination	ULS
15999 (C)	16519	Linear Combination	ULS
16000 (C)	16520	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
16001 (C)	16521	Linear Combination	ULS
16002 (C)	16522	Linear Combination	ULS
16003 (C)	16523	Linear Combination	ULS
16004 (C)	16524	Linear Combination	ULS
16005 (C)	16525	Linear Combination	ULS
16006 (C)	16526	Linear Combination	ULS
16007 (C)	16527	Linear Combination	ULS
16008 (C)	16528	Linear Combination	ULS
16009 (C)	16529	Linear Combination	ULS
16010 (C)	16530	Linear Combination	ULS
16011 (C)	16531	Linear Combination	ULS
16012 (C)	16532	Linear Combination	ULS
16013 (C)	16533	Linear Combination	ULS
16014 (C)	16534	Linear Combination	ULS
16015 (C)	16535	Linear Combination	ULS
16016 (C)	16536	Linear Combination	ULS
16017 (C)	16537	Linear Combination	ULS
16018 (C)	16538	Linear Combination	ULS
16019 (C)	16539	Linear Combination	ULS
16020 (C)	16540	Linear Combination	ULS
16021 (C)	16541	Linear Combination	ULS
16022 (C)	16542	Linear Combination	ULS
16023 (C)	16543	Linear Combination	ULS
16024 (C)	16544	Linear Combination	ULS
16025 (C)	16545	Linear Combination	ULS
16026 (C)	16546	Linear Combination	ULS
16027 (C)	16547	Linear Combination	ULS
16028 (C)	16548	Linear Combination	ULS
16029 (C)	16549	Linear Combination	ULS
16030 (C)	16550	Linear Combination	ULS
16031 (C)	16551	Linear Combination	ULS
16032 (C)	16552	Linear Combination	ULS
16033 (C)	16553	Linear Combination	ULS
16034 (C)	16554	Linear Combination	ULS
16035 (C)	16555	Linear Combination	ULS
16036 (C)	16556	Linear Combination	ULS
16037 (C)	16557	Linear Combination	ULS
16038 (C)	16558	Linear Combination	ULS
16039 (C)	16559	Linear Combination	ULS
16040 (C)	16560	Linear Combination	ULS
16041 (C)	16561	Linear Combination	ULS
16042 (C)	16562	Linear Combination	ULS
16043 (C)	16563	Linear Combination	ULS
16044 (C)	16564	Linear Combination	ULS
16045 (C)	16565	Linear Combination	ULS
16046 (C)	16566	Linear Combination	ULS
16047 (C)	16567	Linear Combination	ULS
16048 (C)	16568	Linear Combination	ULS
16049 (C)	16569	Linear Combination	ULS
16050 (C)	16570	Linear Combination	ULS
16051 (C)	16571	Linear Combination	ULS

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Combinations	Name	Analysis type	Combination type
16052 (C)	16572	Linear Combination	ULS
16053 (C)	16573	Linear Combination	ULS
16054 (C)	16574	Linear Combination	ULS
16055 (C)	16575	Linear Combination	ULS
16056 (C)	16576	Linear Combination	ULS
16057 (C)	16577	Linear Combination	ULS
16058 (C)	16578	Linear Combination	ULS
16059 (C)	16579	Linear Combination	ULS
16060 (C)	16580	Linear Combination	ULS
16061 (C)	16581	Linear Combination	ULS
16062 (C)	16582	Linear Combination	ULS
16063 (C)	16583	Linear Combination	ULS
16064 (C)	16584	Linear Combination	ULS
16065 (C)	16585	Linear Combination	ULS
16066 (C)	16586	Linear Combination	ULS
16067 (C)	16587	Linear Combination	ULS
16068 (C)	16588	Linear Combination	ULS
16069 (C)	16589	Linear Combination	ULS
16070 (C)	16590	Linear Combination	ULS
16071 (C)	16591	Linear Combination	ULS
16072 (C)	16592	Linear Combination	ULS
16073 (C)	16593	Linear Combination	ULS
16074 (C)	16594	Linear Combination	ULS
16075 (C)	16595	Linear Combination	ULS
16076 (C)	16596	Linear Combination	ULS
16077 (C)	16597	Linear Combination	ULS
16078 (C)	16598	Linear Combination	ULS
16079 (C)	16599	Linear Combination	ULS
16080 (C)	16600	Linear Combination	ULS
16081 (C)	16601	Linear Combination	ULS
16082 (C)	16602	Linear Combination	ULS
16083 (C)	16603	Linear Combination	ULS
16084 (C)	16604	Linear Combination	ULS
16085 (C)	16605	Linear Combination	ULS
16086 (C)	16606	Linear Combination	ULS
16087 (C)	16607	Linear Combination	ULS
16088 (C)	16608	Linear Combination	ULS
16089 (C)	16609	Linear Combination	ULS
16090 (C)	16610	Linear Combination	ULS
16091 (C)	16611	Linear Combination	ULS
16092 (C)	16612	Linear Combination	ULS
16093 (C)	16613	Linear Combination	ULS
16094 (C)	16614	Linear Combination	ULS
16095 (C)	16615	Linear Combination	ULS
16096 (C)	16616	Linear Combination	ULS
16097 (C)	16617	Linear Combination	ULS
16098 (C)	16618	Linear Combination	ULS
16099 (C)	16619	Linear Combination	ULS
16100 (C)	16620	Linear Combination	ULS
16101 (C)	16621	Linear Combination	ULS
16102 (C)	16622	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
16103 (C)	16623	Linear Combination	ULS
16104 (C)	16624	Linear Combination	ULS
16105 (C)	16625	Linear Combination	ULS
16106 (C)	16626	Linear Combination	ULS
16107 (C)	16627	Linear Combination	ULS
16108 (C)	16628	Linear Combination	ULS
16109 (C)	16629	Linear Combination	ULS
16110 (C)	16630	Linear Combination	ULS
16111 (C)	16631	Linear Combination	ULS
16112 (C)	16632	Linear Combination	ULS
16113 (C)	16633	Linear Combination	ULS
16114 (C)	16634	Linear Combination	ULS
16115 (C)	16635	Linear Combination	ULS
16116 (C)	16636	Linear Combination	ULS
16117 (C)	16637	Linear Combination	ULS
16118 (C)	16638	Linear Combination	ULS
16119 (C)	16639	Linear Combination	ULS
16120 (C)	16640	Linear Combination	ULS
16121 (C)	16641	Linear Combination	ULS
16122 (C)	16642	Linear Combination	ULS
16123 (C)	16643	Linear Combination	ULS
16124 (C)	16644	Linear Combination	ULS
16125 (C)	16645	Linear Combination	ULS
16126 (C)	16646	Linear Combination	ULS
16127 (C)	16647	Linear Combination	ULS
16128 (C)	16648	Linear Combination	ULS
16129 (C)	16649	Linear Combination	ULS
16130 (C)	16650	Linear Combination	ULS
16131 (C)	16651	Linear Combination	ULS
16132 (C)	16652	Linear Combination	ULS
16133 (C)	16653	Linear Combination	ULS
16134 (C)	16654	Linear Combination	ULS
16135 (C)	16655	Linear Combination	ULS
16136 (C)	16656	Linear Combination	ULS
16137 (C)	16657	Linear Combination	ULS
16138 (C)	16658	Linear Combination	ULS
16139 (C)	16659	Linear Combination	ULS
16140 (C)	16660	Linear Combination	ULS
16141 (C)	16661	Linear Combination	ULS
16142 (C)	16662	Linear Combination	ULS
16143 (C)	16663	Linear Combination	ULS
16144 (C)	16664	Linear Combination	ULS
16145 (C)	16665	Linear Combination	ULS
16146 (C)	16666	Linear Combination	ULS
16147 (C)	16667	Linear Combination	ULS
16148 (C)	16668	Linear Combination	ULS
16149 (C)	16669	Linear Combination	ULS
16150 (C)	16670	Linear Combination	ULS
16151 (C)	16671	Linear Combination	ULS
16152 (C)	16672	Linear Combination	ULS
16153 (C)	16673	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
16154 (C)	16674	Linear Combination	ULS
16155 (C)	16675	Linear Combination	ULS
16156 (C)	16676	Linear Combination	ULS
16157 (C)	16677	Linear Combination	ULS
16158 (C)	16678	Linear Combination	ULS
16159 (C)	16679	Linear Combination	ULS
16160 (C)	16680	Linear Combination	ULS
16161 (C)	16681	Linear Combination	ULS
16162 (C)	16682	Linear Combination	ULS
16163 (C)	16683	Linear Combination	ULS
16164 (C)	16684	Linear Combination	ULS
16165 (C)	16685	Linear Combination	ULS
16166 (C)	16686	Linear Combination	ULS
16167 (C)	16687	Linear Combination	ULS
16168 (C)	16688	Linear Combination	ULS
16169 (C)	16689	Linear Combination	ULS
16170 (C)	16690	Linear Combination	ULS
16171 (C)	16691	Linear Combination	ULS
16172 (C)	16692	Linear Combination	ULS
16173 (C)	16693	Linear Combination	ULS
16174 (C)	16694	Linear Combination	ULS
16175 (C)	16695	Linear Combination	ULS
16176 (C)	16696	Linear Combination	ULS
16177 (C)	16697	Linear Combination	ULS
16178 (C)	16698	Linear Combination	ULS
16179 (C)	16699	Linear Combination	ULS
16180 (C)	16700	Linear Combination	ULS
16181 (C)	16701	Linear Combination	ULS
16182 (C)	16702	Linear Combination	ULS
16183 (C)	16703	Linear Combination	ULS
16184 (C)	16704	Linear Combination	ULS
16185 (C)	16705	Linear Combination	ULS
16186 (C)	16706	Linear Combination	ULS
16187 (C)	16707	Linear Combination	ULS
16188 (C)	16708	Linear Combination	ULS
16189 (C)	16709	Linear Combination	ULS
16190 (C)	16710	Linear Combination	ULS
16191 (C)	16711	Linear Combination	ULS
16192 (C)	16712	Linear Combination	ULS
16193 (C)	16713	Linear Combination	ULS
16194 (C)	16714	Linear Combination	ULS
16195 (C)	16715	Linear Combination	ULS
16196 (C)	16716	Linear Combination	ULS
16197 (C)	16717	Linear Combination	ULS
16198 (C)	16718	Linear Combination	ULS
16199 (C)	16719	Linear Combination	ULS
16200 (C)	16720	Linear Combination	ULS
16201 (C)	16721	Linear Combination	ULS
16202 (C)	16722	Linear Combination	ULS
16203 (C)	16723	Linear Combination	ULS
16204 (C)	16724	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
16205 (C)	16725	Linear Combination	ULS
16206 (C)	16726	Linear Combination	ULS
16207 (C)	16727	Linear Combination	ULS
16208 (C)	16728	Linear Combination	ULS
16209 (C)	16729	Linear Combination	ULS
16210 (C)	16730	Linear Combination	ULS
16211 (C)	16731	Linear Combination	ULS
16212 (C)	16732	Linear Combination	ULS
16213 (C)	16733	Linear Combination	ULS
16214 (C)	16734	Linear Combination	ULS
16215 (C)	16735	Linear Combination	ULS
16216 (C)	16736	Linear Combination	ULS
16217 (C)	16737	Linear Combination	ULS
16218 (C)	16738	Linear Combination	ULS
16219 (C)	16739	Linear Combination	ULS
16220 (C)	16740	Linear Combination	ULS
16221 (C)	16741	Linear Combination	ULS
16222 (C)	16742	Linear Combination	ULS
16223 (C)	16743	Linear Combination	ULS
16224 (C)	16744	Linear Combination	ULS
16225 (C)	16745	Linear Combination	ULS
16226 (C)	16746	Linear Combination	ULS
16227 (C)	16747	Linear Combination	ULS
16228 (C)	16748	Linear Combination	ULS
16229 (C)	16749	Linear Combination	ULS
16230 (C)	16750	Linear Combination	ULS
16231 (C)	16751	Linear Combination	ULS
16232 (C)	16752	Linear Combination	ULS
16233 (C)	16753	Linear Combination	ULS
16234 (C)	16754	Linear Combination	ULS
16235 (C)	16755	Linear Combination	ULS
16236 (C)	16756	Linear Combination	ULS
16237 (C)	16757	Linear Combination	ULS
16238 (C)	16758	Linear Combination	ULS
16239 (C)	16759	Linear Combination	ULS
16240 (C)	16760	Linear Combination	ULS
16241 (C)	16761	Linear Combination	ULS
16242 (C)	16762	Linear Combination	ULS
16243 (C)	16763	Linear Combination	ULS
16244 (C)	16764	Linear Combination	ULS
16245 (C)	16765	Linear Combination	ULS
16246 (C)	16766	Linear Combination	ULS
16247 (C)	16767	Linear Combination	ULS
16248 (C)	16768	Linear Combination	ULS
16249 (C)	16769	Linear Combination	ULS
16250 (C)	16770	Linear Combination	ULS
16251 (C)	16771	Linear Combination	ULS
16252 (C)	16772	Linear Combination	ULS
16253 (C)	16773	Linear Combination	ULS
16254 (C)	16774	Linear Combination	ULS
16255 (C)	16775	Linear Combination	ULS

Combinations	Name	Analysis type	Combination type
16256 (C)	16776	Linear Combination	ULS
16257 (C)	16777	Linear Combination	ULS
16258 (C)	16778	Linear Combination	ULS
16259 (C)	16779	Linear Combination	ULS
16260 (C)	16780	Linear Combination	ULS
16261 (C)	16781	Linear Combination	ULS
16262 (C)	16782	Linear Combination	ULS
16263 (C)	16783	Linear Combination	ULS
16264 (C)	16784	Linear Combination	ULS
16265 (C)	16785	Linear Combination	ULS
16266 (C)	16786	Linear Combination	ULS
16267 (C)	16787	Linear Combination	ULS
16268 (C)	16788	Linear Combination	ULS
16269 (C)	16789	Linear Combination	ULS
16270 (C)	16790	Linear Combination	ULS
16271 (C)	16791	Linear Combination	ULS
16272 (C)	16792	Linear Combination	ULS
16273 (C)	17001	Linear Combination	ULS
16274 (C)	17002	Linear Combination	ULS
16275 (C)	17003	Linear Combination	ULS
16276 (C)	17004	Linear Combination	ULS
16277 (C)	17005	Linear Combination	ULS
16278 (C)	17006	Linear Combination	ULS
16279 (C)	17007	Linear Combination	ULS
16280 (C)	17008	Linear Combination	ULS
20001 (C)	20001	Linear Combination	SLS:CHR
20002 (C)	20002	Linear Combination	SLS:CHR
20003 (C)	20003	Linear Combination	SLS:CHR
20004 (C)	20004	Linear Combination	SLS:CHR
20005 (C)	20005	Linear Combination	SLS:CHR
20006 (C)	20006	Linear Combination	SLS:CHR
20007 (C)	20007	Linear Combination	SLS:CHR
20008 (C)	20008	Linear Combination	SLS:CHR
20009 (C)	20009	Linear Combination	SLS:CHR
20010 (C)	20010	Linear Combination	SLS:CHR
20011 (C)	20011	Linear Combination	SLS:CHR
20012 (C)	20012	Linear Combination	SLS:CHR
20013 (C)	20013	Linear Combination	SLS:CHR
20014 (C)	20014	Linear Combination	SLS:CHR
20015 (C)	20015	Linear Combination	SLS:CHR
20016 (C)	20016	Linear Combination	SLS:CHR
20017 (C)	20017	Linear Combination	SLS:CHR
20018 (C)	20018	Linear Combination	SLS:CHR
20019 (C)	20019	Linear Combination	SLS:CHR
20020 (C)	20020	Linear Combination	SLS:CHR
20021 (C)	20021	Linear Combination	SLS:CHR
20022 (C)	20022	Linear Combination	SLS:CHR
20023 (C)	20023	Linear Combination	SLS:CHR
20024 (C)	20024	Linear Combination	SLS:CHR
20025 (C)	20025	Linear Combination	SLS:CHR
20026 (C)	20026	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20027 (C)	20027	Linear Combination	SLS:CHR
20028 (C)	20028	Linear Combination	SLS:CHR
20029 (C)	20029	Linear Combination	SLS:CHR
20030 (C)	20030	Linear Combination	SLS:CHR
20031 (C)	20031	Linear Combination	SLS:CHR
20032 (C)	20032	Linear Combination	SLS:CHR
20033 (C)	20033	Linear Combination	SLS:CHR
20034 (C)	20034	Linear Combination	SLS:CHR
20035 (C)	20035	Linear Combination	SLS:CHR
20036 (C)	20036	Linear Combination	SLS:CHR
20037 (C)	20037	Linear Combination	SLS:CHR
20038 (C)	20038	Linear Combination	SLS:CHR
20039 (C)	20039	Linear Combination	SLS:CHR
20040 (C)	20040	Linear Combination	SLS:CHR
20041 (C)	20041	Linear Combination	SLS:CHR
20042 (C)	20042	Linear Combination	SLS:CHR
20043 (C)	20043	Linear Combination	SLS:CHR
20044 (C)	20044	Linear Combination	SLS:CHR
20045 (C)	20045	Linear Combination	SLS:CHR
20046 (C)	20046	Linear Combination	SLS:CHR
20047 (C)	20047	Linear Combination	SLS:CHR
20048 (C)	20048	Linear Combination	SLS:CHR
20049 (C)	20049	Linear Combination	SLS:CHR
20050 (C)	20050	Linear Combination	SLS:CHR
20051 (C)	20051	Linear Combination	SLS:CHR
20052 (C)	20052	Linear Combination	SLS:CHR
20053 (C)	20053	Linear Combination	SLS:CHR
20054 (C)	20054	Linear Combination	SLS:CHR
20055 (C)	20055	Linear Combination	SLS:CHR
20056 (C)	20056	Linear Combination	SLS:CHR
20057 (C)	20057	Linear Combination	SLS:CHR
20058 (C)	20058	Linear Combination	SLS:CHR
20059 (C)	20059	Linear Combination	SLS:CHR
20060 (C)	20060	Linear Combination	SLS:CHR
20061 (C)	20061	Linear Combination	SLS:CHR
20062 (C)	20062	Linear Combination	SLS:CHR
20063 (C)	20063	Linear Combination	SLS:CHR
20064 (C)	20064	Linear Combination	SLS:CHR
20065 (C)	20065	Linear Combination	SLS:CHR
20066 (C)	20066	Linear Combination	SLS:CHR
20067 (C)	20067	Linear Combination	SLS:CHR
20068 (C)	20068	Linear Combination	SLS:CHR
20069 (C)	20069	Linear Combination	SLS:CHR
20070 (C)	20070	Linear Combination	SLS:CHR
20071 (C)	20071	Linear Combination	SLS:CHR
20072 (C)	20072	Linear Combination	SLS:CHR
20073 (C)	20073	Linear Combination	SLS:CHR
20074 (C)	20074	Linear Combination	SLS:CHR
20075 (C)	20075	Linear Combination	SLS:CHR
20076 (C)	20076	Linear Combination	SLS:CHR
20077 (C)	20077	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
20078 (C)	20078	Linear Combination	SLS:CHR
20079 (C)	20079	Linear Combination	SLS:CHR
20080 (C)	20080	Linear Combination	SLS:CHR
20081 (C)	20081	Linear Combination	SLS:CHR
20082 (C)	20082	Linear Combination	SLS:CHR
20083 (C)	20083	Linear Combination	SLS:CHR
20084 (C)	20084	Linear Combination	SLS:CHR
20085 (C)	20085	Linear Combination	SLS:CHR
20086 (C)	20086	Linear Combination	SLS:CHR
20087 (C)	20087	Linear Combination	SLS:CHR
20088 (C)	20088	Linear Combination	SLS:CHR
20089 (C)	20089	Linear Combination	SLS:CHR
20090 (C)	20090	Linear Combination	SLS:CHR
20091 (C)	20091	Linear Combination	SLS:CHR
20092 (C)	20092	Linear Combination	SLS:CHR
20093 (C)	20093	Linear Combination	SLS:CHR
20094 (C)	20094	Linear Combination	SLS:CHR
20095 (C)	20095	Linear Combination	SLS:CHR
20096 (C)	20096	Linear Combination	SLS:CHR
20097 (C)	20097	Linear Combination	SLS:CHR
20098 (C)	20098	Linear Combination	SLS:CHR
20099 (C)	20099	Linear Combination	SLS:CHR
20100 (C)	20100	Linear Combination	SLS:CHR
20101 (C)	20101	Linear Combination	SLS:CHR
20102 (C)	20102	Linear Combination	SLS:CHR
20103 (C)	20103	Linear Combination	SLS:CHR
20104 (C)	20104	Linear Combination	SLS:CHR
20105 (C)	20105	Linear Combination	SLS:CHR
20106 (C)	20106	Linear Combination	SLS:CHR
20107 (C)	20107	Linear Combination	SLS:CHR
20108 (C)	20108	Linear Combination	SLS:CHR
20109 (C)	20109	Linear Combination	SLS:CHR
20110 (C)	20110	Linear Combination	SLS:CHR
20111 (C)	20111	Linear Combination	SLS:CHR
20112 (C)	20112	Linear Combination	SLS:CHR
20113 (C)	20113	Linear Combination	SLS:CHR
20114 (C)	20114	Linear Combination	SLS:CHR
20115 (C)	20115	Linear Combination	SLS:CHR
20116 (C)	20116	Linear Combination	SLS:CHR
20117 (C)	20117	Linear Combination	SLS:CHR
20118 (C)	20118	Linear Combination	SLS:CHR
20119 (C)	20119	Linear Combination	SLS:CHR
20120 (C)	20120	Linear Combination	SLS:CHR
20121 (C)	20121	Linear Combination	SLS:CHR
20122 (C)	20122	Linear Combination	SLS:CHR
20123 (C)	20123	Linear Combination	SLS:CHR
20124 (C)	20124	Linear Combination	SLS:CHR
20125 (C)	20125	Linear Combination	SLS:CHR
20126 (C)	20126	Linear Combination	SLS:CHR
20127 (C)	20127	Linear Combination	SLS:CHR
20128 (C)	20128	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20129 (C)	20129	Linear Combination	SLS:CHR
20130 (C)	20130	Linear Combination	SLS:CHR
20131 (C)	20131	Linear Combination	SLS:CHR
20132 (C)	20132	Linear Combination	SLS:CHR
20133 (C)	20133	Linear Combination	SLS:CHR
20134 (C)	20134	Linear Combination	SLS:CHR
20135 (C)	20135	Linear Combination	SLS:CHR
20136 (C)	20136	Linear Combination	SLS:CHR
20137 (C)	20137	Linear Combination	SLS:CHR
20138 (C)	20138	Linear Combination	SLS:CHR
20139 (C)	20139	Linear Combination	SLS:CHR
20140 (C)	20140	Linear Combination	SLS:CHR
20141 (C)	20141	Linear Combination	SLS:CHR
20142 (C)	20142	Linear Combination	SLS:CHR
20143 (C)	20143	Linear Combination	SLS:CHR
20144 (C)	20144	Linear Combination	SLS:CHR
20145 (C)	20145	Linear Combination	SLS:CHR
20146 (C)	20146	Linear Combination	SLS:CHR
20147 (C)	20147	Linear Combination	SLS:CHR
20148 (C)	20148	Linear Combination	SLS:CHR
20149 (C)	20149	Linear Combination	SLS:CHR
20150 (C)	20150	Linear Combination	SLS:CHR
20151 (C)	20151	Linear Combination	SLS:CHR
20152 (C)	20152	Linear Combination	SLS:CHR
20153 (C)	20153	Linear Combination	SLS:CHR
20154 (C)	20154	Linear Combination	SLS:CHR
20155 (C)	20155	Linear Combination	SLS:CHR
20156 (C)	20156	Linear Combination	SLS:CHR
20157 (C)	20157	Linear Combination	SLS:CHR
20158 (C)	20158	Linear Combination	SLS:CHR
20159 (C)	20159	Linear Combination	SLS:CHR
20160 (C)	20160	Linear Combination	SLS:CHR
20161 (C)	20161	Linear Combination	SLS:CHR
20162 (C)	20162	Linear Combination	SLS:CHR
20163 (C)	20163	Linear Combination	SLS:CHR
20164 (C)	20164	Linear Combination	SLS:CHR
20165 (C)	20165	Linear Combination	SLS:CHR
20166 (C)	20166	Linear Combination	SLS:CHR
20167 (C)	20167	Linear Combination	SLS:CHR
20168 (C)	20168	Linear Combination	SLS:CHR
20169 (C)	20169	Linear Combination	SLS:CHR
20170 (C)	20170	Linear Combination	SLS:CHR
20171 (C)	20171	Linear Combination	SLS:CHR
20172 (C)	20172	Linear Combination	SLS:CHR
20173 (C)	20173	Linear Combination	SLS:CHR
20174 (C)	20174	Linear Combination	SLS:CHR
20175 (C)	20175	Linear Combination	SLS:CHR
20176 (C)	20176	Linear Combination	SLS:CHR
20177 (C)	20177	Linear Combination	SLS:CHR
20178 (C)	20178	Linear Combination	SLS:CHR
20179 (C)	20179	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
20180 (C)	20180	Linear Combination	SLS:CHR
20181 (C)	20181	Linear Combination	SLS:CHR
20182 (C)	20182	Linear Combination	SLS:CHR
20183 (C)	20183	Linear Combination	SLS:CHR
20184 (C)	20184	Linear Combination	SLS:CHR
20185 (C)	20185	Linear Combination	SLS:CHR
20186 (C)	20186	Linear Combination	SLS:CHR
20187 (C)	20187	Linear Combination	SLS:CHR
20188 (C)	20188	Linear Combination	SLS:CHR
20189 (C)	20189	Linear Combination	SLS:CHR
20190 (C)	20190	Linear Combination	SLS:CHR
20191 (C)	20191	Linear Combination	SLS:CHR
20192 (C)	20192	Linear Combination	SLS:CHR
20193 (C)	20193	Linear Combination	SLS:CHR
20194 (C)	20194	Linear Combination	SLS:CHR
20195 (C)	20195	Linear Combination	SLS:CHR
20196 (C)	20196	Linear Combination	SLS:CHR
20197 (C)	20197	Linear Combination	SLS:CHR
20198 (C)	20198	Linear Combination	SLS:CHR
20199 (C)	20199	Linear Combination	SLS:CHR
20200 (C)	20200	Linear Combination	SLS:CHR
20201 (C)	20201	Linear Combination	SLS:CHR
20202 (C)	20202	Linear Combination	SLS:CHR
20203 (C)	20203	Linear Combination	SLS:CHR
20204 (C)	20204	Linear Combination	SLS:CHR
20205 (C)	20205	Linear Combination	SLS:CHR
20206 (C)	20206	Linear Combination	SLS:CHR
20207 (C)	20207	Linear Combination	SLS:CHR
20208 (C)	20208	Linear Combination	SLS:CHR
20209 (C)	20209	Linear Combination	SLS:CHR
20210 (C)	20210	Linear Combination	SLS:CHR
20211 (C)	20211	Linear Combination	SLS:CHR
20212 (C)	20212	Linear Combination	SLS:CHR
20213 (C)	20213	Linear Combination	SLS:CHR
20214 (C)	20214	Linear Combination	SLS:CHR
20215 (C)	20215	Linear Combination	SLS:CHR
20216 (C)	20216	Linear Combination	SLS:CHR
20217 (C)	20217	Linear Combination	SLS:CHR
20218 (C)	20218	Linear Combination	SLS:CHR
20219 (C)	20219	Linear Combination	SLS:CHR
20220 (C)	20220	Linear Combination	SLS:CHR
20221 (C)	20221	Linear Combination	SLS:CHR
20222 (C)	20222	Linear Combination	SLS:CHR
20223 (C)	20223	Linear Combination	SLS:CHR
20224 (C)	20224	Linear Combination	SLS:CHR
20225 (C)	20225	Linear Combination	SLS:CHR
20226 (C)	20226	Linear Combination	SLS:CHR
20227 (C)	20227	Linear Combination	SLS:CHR
20228 (C)	20228	Linear Combination	SLS:CHR
20229 (C)	20229	Linear Combination	SLS:CHR
20230 (C)	20230	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20231 (C)	20231	Linear Combination	SLS:CHR
20232 (C)	20232	Linear Combination	SLS:CHR
20233 (C)	20233	Linear Combination	SLS:CHR
20234 (C)	20234	Linear Combination	SLS:CHR
20235 (C)	20235	Linear Combination	SLS:CHR
20236 (C)	20236	Linear Combination	SLS:CHR
20237 (C)	20237	Linear Combination	SLS:CHR
20238 (C)	20238	Linear Combination	SLS:CHR
20239 (C)	20239	Linear Combination	SLS:CHR
20240 (C)	20240	Linear Combination	SLS:CHR
20241 (C)	20241	Linear Combination	SLS:CHR
20242 (C)	20242	Linear Combination	SLS:CHR
20243 (C)	20243	Linear Combination	SLS:CHR
20244 (C)	20244	Linear Combination	SLS:CHR
20245 (C)	20245	Linear Combination	SLS:CHR
20246 (C)	20246	Linear Combination	SLS:CHR
20247 (C)	20247	Linear Combination	SLS:CHR
20248 (C)	20248	Linear Combination	SLS:CHR
20249 (C)	20249	Linear Combination	SLS:CHR
20250 (C)	20250	Linear Combination	SLS:CHR
20251 (C)	20251	Linear Combination	SLS:CHR
20252 (C)	20252	Linear Combination	SLS:CHR
20253 (C)	20253	Linear Combination	SLS:CHR
20254 (C)	20254	Linear Combination	SLS:CHR
20255 (C)	20255	Linear Combination	SLS:CHR
20256 (C)	20256	Linear Combination	SLS:CHR
20257 (C)	20257	Linear Combination	SLS:CHR
20258 (C)	20258	Linear Combination	SLS:CHR
20259 (C)	20259	Linear Combination	SLS:CHR
20260 (C)	20260	Linear Combination	SLS:CHR
20261 (C)	20261	Linear Combination	SLS:CHR
20262 (C)	20262	Linear Combination	SLS:CHR
20263 (C)	20263	Linear Combination	SLS:CHR
20264 (C)	20264	Linear Combination	SLS:CHR
20265 (C)	20265	Linear Combination	SLS:CHR
20266 (C)	20266	Linear Combination	SLS:CHR
20267 (C)	20267	Linear Combination	SLS:CHR
20268 (C)	20268	Linear Combination	SLS:CHR
20269 (C)	20269	Linear Combination	SLS:CHR
20270 (C)	20270	Linear Combination	SLS:CHR
20271 (C)	20271	Linear Combination	SLS:CHR
20272 (C)	20272	Linear Combination	SLS:CHR
20273 (C)	20273	Linear Combination	SLS:CHR
20274 (C)	20274	Linear Combination	SLS:CHR
20275 (C)	20275	Linear Combination	SLS:CHR
20276 (C)	20276	Linear Combination	SLS:CHR
20277 (C)	20277	Linear Combination	SLS:CHR
20278 (C)	20278	Linear Combination	SLS:CHR
20279 (C)	20279	Linear Combination	SLS:CHR
20280 (C)	20280	Linear Combination	SLS:CHR
20281 (C)	20281	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
20282 (C)	20282	Linear Combination	SLS:CHR
20283 (C)	20283	Linear Combination	SLS:CHR
20284 (C)	20284	Linear Combination	SLS:CHR
20285 (C)	20285	Linear Combination	SLS:CHR
20286 (C)	20286	Linear Combination	SLS:CHR
20287 (C)	20287	Linear Combination	SLS:CHR
20288 (C)	20288	Linear Combination	SLS:CHR
20289 (C)	20289	Linear Combination	SLS:CHR
20290 (C)	20290	Linear Combination	SLS:CHR
20291 (C)	20291	Linear Combination	SLS:CHR
20292 (C)	20292	Linear Combination	SLS:CHR
20293 (C)	20293	Linear Combination	SLS:CHR
20294 (C)	20294	Linear Combination	SLS:CHR
20295 (C)	20295	Linear Combination	SLS:CHR
20296 (C)	20296	Linear Combination	SLS:CHR
20297 (C)	20297	Linear Combination	SLS:CHR
20298 (C)	20298	Linear Combination	SLS:CHR
20299 (C)	20299	Linear Combination	SLS:CHR
20300 (C)	20300	Linear Combination	SLS:CHR
20301 (C)	20301	Linear Combination	SLS:CHR
20302 (C)	20302	Linear Combination	SLS:CHR
20303 (C)	20303	Linear Combination	SLS:CHR
20304 (C)	20304	Linear Combination	SLS:CHR
20305 (C)	20305	Linear Combination	SLS:CHR
20306 (C)	20306	Linear Combination	SLS:CHR
20307 (C)	20307	Linear Combination	SLS:CHR
20308 (C)	20308	Linear Combination	SLS:CHR
20309 (C)	20309	Linear Combination	SLS:CHR
20310 (C)	20310	Linear Combination	SLS:CHR
20311 (C)	20311	Linear Combination	SLS:CHR
20312 (C)	20312	Linear Combination	SLS:CHR
20313 (C)	20313	Linear Combination	SLS:CHR
20314 (C)	20314	Linear Combination	SLS:CHR
20315 (C)	20315	Linear Combination	SLS:CHR
20316 (C)	20316	Linear Combination	SLS:CHR
20317 (C)	20317	Linear Combination	SLS:CHR
20318 (C)	20318	Linear Combination	SLS:CHR
20319 (C)	20319	Linear Combination	SLS:CHR
20320 (C)	20320	Linear Combination	SLS:CHR
20321 (C)	20321	Linear Combination	SLS:CHR
20322 (C)	20322	Linear Combination	SLS:CHR
20323 (C)	20323	Linear Combination	SLS:CHR
20324 (C)	20324	Linear Combination	SLS:CHR
20325 (C)	20325	Linear Combination	SLS:CHR
20326 (C)	20326	Linear Combination	SLS:CHR
20327 (C)	20327	Linear Combination	SLS:CHR
20328 (C)	20328	Linear Combination	SLS:CHR
20329 (C)	20329	Linear Combination	SLS:CHR
20330 (C)	20330	Linear Combination	SLS:CHR
20331 (C)	20331	Linear Combination	SLS:CHR
20332 (C)	20332	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20333 (C)	20333	Linear Combination	SLS:CHR
20334 (C)	20334	Linear Combination	SLS:CHR
20335 (C)	20335	Linear Combination	SLS:CHR
20336 (C)	20336	Linear Combination	SLS:CHR
20337 (C)	20337	Linear Combination	SLS:CHR
20338 (C)	20338	Linear Combination	SLS:CHR
20339 (C)	20339	Linear Combination	SLS:CHR
20340 (C)	20340	Linear Combination	SLS:CHR
20341 (C)	20341	Linear Combination	SLS:CHR
20342 (C)	20342	Linear Combination	SLS:CHR
20343 (C)	20343	Linear Combination	SLS:CHR
20344 (C)	20344	Linear Combination	SLS:CHR
20345 (C)	20345	Linear Combination	SLS:CHR
20346 (C)	20346	Linear Combination	SLS:CHR
20347 (C)	20347	Linear Combination	SLS:CHR
20348 (C)	20348	Linear Combination	SLS:CHR
20349 (C)	20349	Linear Combination	SLS:CHR
20350 (C)	20350	Linear Combination	SLS:CHR
20351 (C)	20351	Linear Combination	SLS:CHR
20352 (C)	20352	Linear Combination	SLS:CHR
20353 (C)	20353	Linear Combination	SLS:CHR
20354 (C)	20354	Linear Combination	SLS:CHR
20355 (C)	20355	Linear Combination	SLS:CHR
20356 (C)	20356	Linear Combination	SLS:CHR
20357 (C)	20357	Linear Combination	SLS:CHR
20358 (C)	20358	Linear Combination	SLS:CHR
20359 (C)	20359	Linear Combination	SLS:CHR
20360 (C)	20360	Linear Combination	SLS:CHR
20361 (C)	20361	Linear Combination	SLS:CHR
20362 (C)	20362	Linear Combination	SLS:CHR
20363 (C)	20363	Linear Combination	SLS:CHR
20364 (C)	20364	Linear Combination	SLS:CHR
20365 (C)	20365	Linear Combination	SLS:CHR
20366 (C)	20366	Linear Combination	SLS:CHR
20367 (C)	20367	Linear Combination	SLS:CHR
20368 (C)	20368	Linear Combination	SLS:CHR
20369 (C)	20369	Linear Combination	SLS:CHR
20370 (C)	20370	Linear Combination	SLS:CHR
20371 (C)	20371	Linear Combination	SLS:CHR
20372 (C)	20372	Linear Combination	SLS:CHR
20373 (C)	20373	Linear Combination	SLS:CHR
20374 (C)	20374	Linear Combination	SLS:CHR
20375 (C)	20375	Linear Combination	SLS:CHR
20376 (C)	20376	Linear Combination	SLS:CHR
20377 (C)	20377	Linear Combination	SLS:CHR
20378 (C)	20378	Linear Combination	SLS:CHR
20379 (C)	20379	Linear Combination	SLS:CHR
20380 (C)	20380	Linear Combination	SLS:CHR
20381 (C)	20381	Linear Combination	SLS:CHR
20382 (C)	20382	Linear Combination	SLS:CHR
20383 (C)	20383	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20384 (C)	20384	Linear Combination	SLS:CHR
20385 (C)	20385	Linear Combination	SLS:CHR
20386 (C)	20386	Linear Combination	SLS:CHR
20387 (C)	20387	Linear Combination	SLS:CHR
20388 (C)	20388	Linear Combination	SLS:CHR
20389 (C)	20389	Linear Combination	SLS:CHR
20390 (C)	20390	Linear Combination	SLS:CHR
20391 (C)	20391	Linear Combination	SLS:CHR
20392 (C)	20392	Linear Combination	SLS:CHR
20393 (C)	20393	Linear Combination	SLS:CHR
20394 (C)	20394	Linear Combination	SLS:CHR
20395 (C)	20395	Linear Combination	SLS:CHR
20396 (C)	20396	Linear Combination	SLS:CHR
20397 (C)	20397	Linear Combination	SLS:CHR
20398 (C)	20398	Linear Combination	SLS:CHR
20399 (C)	20399	Linear Combination	SLS:CHR
20400 (C)	20400	Linear Combination	SLS:CHR
20401 (C)	20401	Linear Combination	SLS:CHR
20402 (C)	20402	Linear Combination	SLS:CHR
20403 (C)	20403	Linear Combination	SLS:CHR
20404 (C)	20404	Linear Combination	SLS:CHR
20405 (C)	20405	Linear Combination	SLS:CHR
20406 (C)	20406	Linear Combination	SLS:CHR
20407 (C)	20407	Linear Combination	SLS:CHR
20408 (C)	20408	Linear Combination	SLS:CHR
20409 (C)	20409	Linear Combination	SLS:CHR
20410 (C)	20410	Linear Combination	SLS:CHR
20411 (C)	20411	Linear Combination	SLS:CHR
20412 (C)	20412	Linear Combination	SLS:CHR
20413 (C)	20413	Linear Combination	SLS:CHR
20414 (C)	20414	Linear Combination	SLS:CHR
20415 (C)	20415	Linear Combination	SLS:CHR
20416 (C)	20416	Linear Combination	SLS:CHR
20417 (C)	20417	Linear Combination	SLS:CHR
20418 (C)	20418	Linear Combination	SLS:CHR
20419 (C)	20419	Linear Combination	SLS:CHR
20420 (C)	20420	Linear Combination	SLS:CHR
20421 (C)	20421	Linear Combination	SLS:CHR
20422 (C)	20422	Linear Combination	SLS:CHR
20423 (C)	20423	Linear Combination	SLS:CHR
20424 (C)	20424	Linear Combination	SLS:CHR
20425 (C)	20425	Linear Combination	SLS:CHR
20426 (C)	20426	Linear Combination	SLS:CHR
20427 (C)	20427	Linear Combination	SLS:CHR
20428 (C)	20428	Linear Combination	SLS:CHR
20429 (C)	20429	Linear Combination	SLS:CHR
20430 (C)	20430	Linear Combination	SLS:CHR
20431 (C)	20431	Linear Combination	SLS:CHR
20432 (C)	20432	Linear Combination	SLS:CHR
20433 (C)	20433	Linear Combination	SLS:CHR
20434 (C)	20434	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20435 (C)	20435	Linear Combination	SLS:CHR
20436 (C)	20436	Linear Combination	SLS:CHR
20437 (C)	20437	Linear Combination	SLS:CHR
20438 (C)	20438	Linear Combination	SLS:CHR
20439 (C)	20439	Linear Combination	SLS:CHR
20440 (C)	20440	Linear Combination	SLS:CHR
20441 (C)	20441	Linear Combination	SLS:CHR
20442 (C)	20442	Linear Combination	SLS:CHR
20443 (C)	20443	Linear Combination	SLS:CHR
20444 (C)	20444	Linear Combination	SLS:CHR
20445 (C)	20445	Linear Combination	SLS:CHR
20446 (C)	20446	Linear Combination	SLS:CHR
20447 (C)	20447	Linear Combination	SLS:CHR
20448 (C)	20448	Linear Combination	SLS:CHR
20449 (C)	20449	Linear Combination	SLS:CHR
20450 (C)	20450	Linear Combination	SLS:CHR
20451 (C)	20451	Linear Combination	SLS:CHR
20452 (C)	20452	Linear Combination	SLS:CHR
20453 (C)	20453	Linear Combination	SLS:CHR
20454 (C)	20454	Linear Combination	SLS:CHR
20455 (C)	20455	Linear Combination	SLS:CHR
20456 (C)	20456	Linear Combination	SLS:CHR
20457 (C)	20457	Linear Combination	SLS:CHR
20458 (C)	20458	Linear Combination	SLS:CHR
20459 (C)	20459	Linear Combination	SLS:CHR
20460 (C)	20460	Linear Combination	SLS:CHR
20461 (C)	20461	Linear Combination	SLS:CHR
20462 (C)	20462	Linear Combination	SLS:CHR
20463 (C)	20463	Linear Combination	SLS:CHR
20464 (C)	20464	Linear Combination	SLS:CHR
20465 (C)	20465	Linear Combination	SLS:CHR
20466 (C)	20466	Linear Combination	SLS:CHR
20467 (C)	20467	Linear Combination	SLS:CHR
20468 (C)	20468	Linear Combination	SLS:CHR
20469 (C)	20469	Linear Combination	SLS:CHR
20470 (C)	20470	Linear Combination	SLS:CHR
20471 (C)	20471	Linear Combination	SLS:CHR
20472 (C)	20472	Linear Combination	SLS:CHR
20473 (C)	20473	Linear Combination	SLS:CHR
20474 (C)	20474	Linear Combination	SLS:CHR
20475 (C)	20475	Linear Combination	SLS:CHR
20476 (C)	20476	Linear Combination	SLS:CHR
20477 (C)	20477	Linear Combination	SLS:CHR
20478 (C)	20478	Linear Combination	SLS:CHR
20479 (C)	20479	Linear Combination	SLS:CHR
20480 (C)	20480	Linear Combination	SLS:CHR
20481 (C)	20481	Linear Combination	SLS:CHR
20482 (C)	20482	Linear Combination	SLS:CHR
20483 (C)	20483	Linear Combination	SLS:CHR
20484 (C)	20484	Linear Combination	SLS:CHR
20485 (C)	20485	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
20486 (C)	20486	Linear Combination	SLS:CHR
20487 (C)	20487	Linear Combination	SLS:CHR
20488 (C)	20488	Linear Combination	SLS:CHR
20489 (C)	20489	Linear Combination	SLS:CHR
20490 (C)	20490	Linear Combination	SLS:CHR
20491 (C)	20491	Linear Combination	SLS:CHR
20492 (C)	20492	Linear Combination	SLS:CHR
20493 (C)	20493	Linear Combination	SLS:CHR
20494 (C)	20494	Linear Combination	SLS:CHR
20495 (C)	20495	Linear Combination	SLS:CHR
20496 (C)	20496	Linear Combination	SLS:CHR
20497 (C)	20497	Linear Combination	SLS:CHR
20498 (C)	20498	Linear Combination	SLS:CHR
20499 (C)	20499	Linear Combination	SLS:CHR
20500 (C)	20500	Linear Combination	SLS:CHR
20501 (C)	20501	Linear Combination	SLS:CHR
20502 (C)	20502	Linear Combination	SLS:CHR
20503 (C)	20503	Linear Combination	SLS:CHR
20504 (C)	20504	Linear Combination	SLS:CHR
20505 (C)	20505	Linear Combination	SLS:CHR
20506 (C)	20506	Linear Combination	SLS:CHR
20507 (C)	20507	Linear Combination	SLS:CHR
20508 (C)	20508	Linear Combination	SLS:CHR
20509 (C)	20509	Linear Combination	SLS:CHR
20510 (C)	20510	Linear Combination	SLS:CHR
20511 (C)	20511	Linear Combination	SLS:CHR
20512 (C)	20512	Linear Combination	SLS:CHR
20513 (C)	20513	Linear Combination	SLS:CHR
20514 (C)	20514	Linear Combination	SLS:CHR
20515 (C)	20515	Linear Combination	SLS:CHR
20516 (C)	20516	Linear Combination	SLS:CHR
20517 (C)	20517	Linear Combination	SLS:CHR
20518 (C)	20518	Linear Combination	SLS:CHR
20519 (C)	20519	Linear Combination	SLS:CHR
20520 (C)	20520	Linear Combination	SLS:CHR
20521 (C)	20521	Linear Combination	SLS:CHR
20522 (C)	20522	Linear Combination	SLS:CHR
20523 (C)	20523	Linear Combination	SLS:CHR
20524 (C)	20524	Linear Combination	SLS:CHR
20525 (C)	20525	Linear Combination	SLS:CHR
20526 (C)	20526	Linear Combination	SLS:CHR
20527 (C)	20527	Linear Combination	SLS:CHR
20528 (C)	20528	Linear Combination	SLS:CHR
20529 (C)	20529	Linear Combination	SLS:CHR
20530 (C)	20530	Linear Combination	SLS:CHR
20531 (C)	20531	Linear Combination	SLS:CHR
20532 (C)	20532	Linear Combination	SLS:CHR
20533 (C)	20533	Linear Combination	SLS:CHR
20534 (C)	20534	Linear Combination	SLS:CHR
20535 (C)	20535	Linear Combination	SLS:CHR
20536 (C)	20536	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20537 (C)	20537	Linear Combination	SLS:CHR
20538 (C)	20538	Linear Combination	SLS:CHR
20539 (C)	20539	Linear Combination	SLS:CHR
20540 (C)	20540	Linear Combination	SLS:CHR
20541 (C)	20541	Linear Combination	SLS:CHR
20542 (C)	20542	Linear Combination	SLS:CHR
20543 (C)	20543	Linear Combination	SLS:CHR
20544 (C)	20544	Linear Combination	SLS:CHR
20545 (C)	20545	Linear Combination	SLS:CHR
20546 (C)	20546	Linear Combination	SLS:CHR
20547 (C)	20547	Linear Combination	SLS:CHR
20548 (C)	20548	Linear Combination	SLS:CHR
20549 (C)	20549	Linear Combination	SLS:CHR
20550 (C)	20550	Linear Combination	SLS:CHR
20551 (C)	20551	Linear Combination	SLS:CHR
20552 (C)	20552	Linear Combination	SLS:CHR
20553 (C)	20553	Linear Combination	SLS:CHR
20554 (C)	20554	Linear Combination	SLS:CHR
20555 (C)	20555	Linear Combination	SLS:CHR
20556 (C)	20556	Linear Combination	SLS:CHR
20557 (C)	20557	Linear Combination	SLS:CHR
20558 (C)	20558	Linear Combination	SLS:CHR
20559 (C)	20559	Linear Combination	SLS:CHR
20560 (C)	20560	Linear Combination	SLS:CHR
20561 (C)	20561	Linear Combination	SLS:CHR
20562 (C)	20562	Linear Combination	SLS:CHR
20563 (C)	20563	Linear Combination	SLS:CHR
20564 (C)	20564	Linear Combination	SLS:CHR
20565 (C)	20565	Linear Combination	SLS:CHR
20566 (C)	20566	Linear Combination	SLS:CHR
20567 (C)	20567	Linear Combination	SLS:CHR
20568 (C)	20568	Linear Combination	SLS:CHR
20569 (C)	20569	Linear Combination	SLS:CHR
20570 (C)	20570	Linear Combination	SLS:CHR
20571 (C)	20571	Linear Combination	SLS:CHR
20572 (C)	20572	Linear Combination	SLS:CHR
20573 (C)	20573	Linear Combination	SLS:CHR
20574 (C)	20574	Linear Combination	SLS:CHR
20575 (C)	20575	Linear Combination	SLS:CHR
20576 (C)	20576	Linear Combination	SLS:CHR
20577 (C)	20577	Linear Combination	SLS:CHR
20578 (C)	20578	Linear Combination	SLS:CHR
20579 (C)	20579	Linear Combination	SLS:CHR
20580 (C)	20580	Linear Combination	SLS:CHR
20581 (C)	20581	Linear Combination	SLS:CHR
20582 (C)	20582	Linear Combination	SLS:CHR
20583 (C)	20583	Linear Combination	SLS:CHR
20584 (C)	20584	Linear Combination	SLS:CHR
20585 (C)	20585	Linear Combination	SLS:CHR
20586 (C)	20586	Linear Combination	SLS:CHR
20587 (C)	20587	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20588 (C)	20588	Linear Combination	SLS:CHR
20589 (C)	20589	Linear Combination	SLS:CHR
20590 (C)	20590	Linear Combination	SLS:CHR
20591 (C)	20591	Linear Combination	SLS:CHR
20592 (C)	20592	Linear Combination	SLS:CHR
20593 (C)	20593	Linear Combination	SLS:CHR
20594 (C)	20594	Linear Combination	SLS:CHR
20595 (C)	20595	Linear Combination	SLS:CHR
20596 (C)	20596	Linear Combination	SLS:CHR
20597 (C)	20597	Linear Combination	SLS:CHR
20598 (C)	20598	Linear Combination	SLS:CHR
20599 (C)	20599	Linear Combination	SLS:CHR
20600 (C)	20600	Linear Combination	SLS:CHR
20601 (C)	20601	Linear Combination	SLS:CHR
20602 (C)	20602	Linear Combination	SLS:CHR
20603 (C)	20603	Linear Combination	SLS:CHR
20604 (C)	20604	Linear Combination	SLS:CHR
20605 (C)	20605	Linear Combination	SLS:CHR
20606 (C)	20606	Linear Combination	SLS:CHR
20607 (C)	20607	Linear Combination	SLS:CHR
20608 (C)	20608	Linear Combination	SLS:CHR
20609 (C)	20609	Linear Combination	SLS:CHR
20610 (C)	20610	Linear Combination	SLS:CHR
20611 (C)	20611	Linear Combination	SLS:CHR
20612 (C)	20612	Linear Combination	SLS:CHR
20613 (C)	20613	Linear Combination	SLS:CHR
20614 (C)	20614	Linear Combination	SLS:CHR
20615 (C)	20615	Linear Combination	SLS:CHR
20616 (C)	20616	Linear Combination	SLS:CHR
20617 (C)	20617	Linear Combination	SLS:CHR
20618 (C)	20618	Linear Combination	SLS:CHR
20619 (C)	20619	Linear Combination	SLS:CHR
20620 (C)	20620	Linear Combination	SLS:CHR
20621 (C)	20621	Linear Combination	SLS:CHR
20622 (C)	20622	Linear Combination	SLS:CHR
20623 (C)	20623	Linear Combination	SLS:CHR
20624 (C)	20624	Linear Combination	SLS:CHR
20625 (C)	20625	Linear Combination	SLS:CHR
20626 (C)	20626	Linear Combination	SLS:CHR
20627 (C)	20627	Linear Combination	SLS:CHR
20628 (C)	20628	Linear Combination	SLS:CHR
20629 (C)	20629	Linear Combination	SLS:CHR
20630 (C)	20630	Linear Combination	SLS:CHR
20631 (C)	20631	Linear Combination	SLS:CHR
20632 (C)	20632	Linear Combination	SLS:CHR
20633 (C)	20633	Linear Combination	SLS:CHR
20634 (C)	20634	Linear Combination	SLS:CHR
20635 (C)	20635	Linear Combination	SLS:CHR
20636 (C)	20636	Linear Combination	SLS:CHR
20637 (C)	20637	Linear Combination	SLS:CHR
20638 (C)	20638	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20639 (C)	20639	Linear Combination	SLS:CHR
20640 (C)	20640	Linear Combination	SLS:CHR
20641 (C)	20641	Linear Combination	SLS:CHR
20642 (C)	20642	Linear Combination	SLS:CHR
20643 (C)	20643	Linear Combination	SLS:CHR
20644 (C)	20644	Linear Combination	SLS:CHR
20645 (C)	20645	Linear Combination	SLS:CHR
20646 (C)	20646	Linear Combination	SLS:CHR
20647 (C)	20647	Linear Combination	SLS:CHR
20648 (C)	20648	Linear Combination	SLS:CHR
20649 (C)	20649	Linear Combination	SLS:CHR
20650 (C)	20650	Linear Combination	SLS:CHR
20651 (C)	20651	Linear Combination	SLS:CHR
20652 (C)	20652	Linear Combination	SLS:CHR
20653 (C)	20653	Linear Combination	SLS:CHR
20654 (C)	20654	Linear Combination	SLS:CHR
20655 (C)	20655	Linear Combination	SLS:CHR
20656 (C)	20656	Linear Combination	SLS:CHR
20657 (C)	20657	Linear Combination	SLS:CHR
20658 (C)	20658	Linear Combination	SLS:CHR
20659 (C)	20659	Linear Combination	SLS:CHR
20660 (C)	20660	Linear Combination	SLS:CHR
20661 (C)	20661	Linear Combination	SLS:CHR
20662 (C)	20662	Linear Combination	SLS:CHR
20663 (C)	20663	Linear Combination	SLS:CHR
20664 (C)	20664	Linear Combination	SLS:CHR
20665 (C)	20665	Linear Combination	SLS:CHR
20666 (C)	20666	Linear Combination	SLS:CHR
20667 (C)	20667	Linear Combination	SLS:CHR
20668 (C)	20668	Linear Combination	SLS:CHR
20669 (C)	20669	Linear Combination	SLS:CHR
20670 (C)	20670	Linear Combination	SLS:CHR
20671 (C)	20671	Linear Combination	SLS:CHR
20672 (C)	20672	Linear Combination	SLS:CHR
20673 (C)	20673	Linear Combination	SLS:CHR
20674 (C)	20674	Linear Combination	SLS:CHR
20675 (C)	20675	Linear Combination	SLS:CHR
20676 (C)	20676	Linear Combination	SLS:CHR
20677 (C)	20677	Linear Combination	SLS:CHR
20678 (C)	20678	Linear Combination	SLS:CHR
20679 (C)	20679	Linear Combination	SLS:CHR
20680 (C)	20680	Linear Combination	SLS:CHR
20681 (C)	20681	Linear Combination	SLS:CHR
20682 (C)	20682	Linear Combination	SLS:CHR
20683 (C)	20683	Linear Combination	SLS:CHR
20684 (C)	20684	Linear Combination	SLS:CHR
20685 (C)	20685	Linear Combination	SLS:CHR
20686 (C)	20686	Linear Combination	SLS:CHR
20687 (C)	20687	Linear Combination	SLS:CHR
20688 (C)	20688	Linear Combination	SLS:CHR
20689 (C)	20689	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
20690 (C)	20690	Linear Combination	SLS:CHR
20691 (C)	20691	Linear Combination	SLS:CHR
20692 (C)	20692	Linear Combination	SLS:CHR
20693 (C)	20693	Linear Combination	SLS:CHR
20694 (C)	20694	Linear Combination	SLS:CHR
20695 (C)	20695	Linear Combination	SLS:CHR
20696 (C)	20696	Linear Combination	SLS:CHR
20697 (C)	20697	Linear Combination	SLS:CHR
20698 (C)	20698	Linear Combination	SLS:CHR
20699 (C)	20699	Linear Combination	SLS:CHR
20700 (C)	20700	Linear Combination	SLS:CHR
20701 (C)	20701	Linear Combination	SLS:CHR
20702 (C)	20702	Linear Combination	SLS:CHR
20703 (C)	20703	Linear Combination	SLS:CHR
20704 (C)	20704	Linear Combination	SLS:CHR
20705 (C)	20705	Linear Combination	SLS:CHR
20706 (C)	20706	Linear Combination	SLS:CHR
20707 (C)	20707	Linear Combination	SLS:CHR
20708 (C)	20708	Linear Combination	SLS:CHR
20709 (C)	20709	Linear Combination	SLS:CHR
20710 (C)	20710	Linear Combination	SLS:CHR
20711 (C)	20711	Linear Combination	SLS:CHR
20712 (C)	20712	Linear Combination	SLS:CHR
20713 (C)	20713	Linear Combination	SLS:CHR
20714 (C)	20714	Linear Combination	SLS:CHR
20715 (C)	20715	Linear Combination	SLS:CHR
20716 (C)	20716	Linear Combination	SLS:CHR
20717 (C)	20717	Linear Combination	SLS:CHR
20718 (C)	20718	Linear Combination	SLS:CHR
20719 (C)	20719	Linear Combination	SLS:CHR
20720 (C)	20720	Linear Combination	SLS:CHR
20721 (C)	20721	Linear Combination	SLS:CHR
20722 (C)	20722	Linear Combination	SLS:CHR
20723 (C)	20723	Linear Combination	SLS:CHR
20724 (C)	20724	Linear Combination	SLS:CHR
20725 (C)	20725	Linear Combination	SLS:CHR
20726 (C)	20726	Linear Combination	SLS:CHR
20727 (C)	20727	Linear Combination	SLS:CHR
20728 (C)	20728	Linear Combination	SLS:CHR
20729 (C)	20729	Linear Combination	SLS:CHR
20730 (C)	20730	Linear Combination	SLS:CHR
20731 (C)	20731	Linear Combination	SLS:CHR
20732 (C)	20732	Linear Combination	SLS:CHR
20733 (C)	20733	Linear Combination	SLS:CHR
20734 (C)	20734	Linear Combination	SLS:CHR
20735 (C)	20735	Linear Combination	SLS:CHR
20736 (C)	20736	Linear Combination	SLS:CHR
20737 (C)	20737	Linear Combination	SLS:CHR
20738 (C)	20738	Linear Combination	SLS:CHR
20739 (C)	20739	Linear Combination	SLS:CHR
20740 (C)	20740	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20741 (C)	20741	Linear Combination	SLS:CHR
20742 (C)	20742	Linear Combination	SLS:CHR
20743 (C)	20743	Linear Combination	SLS:CHR
20744 (C)	20744	Linear Combination	SLS:CHR
20745 (C)	20745	Linear Combination	SLS:CHR
20746 (C)	20746	Linear Combination	SLS:CHR
20747 (C)	20747	Linear Combination	SLS:CHR
20748 (C)	20748	Linear Combination	SLS:CHR
20749 (C)	20749	Linear Combination	SLS:CHR
20750 (C)	20750	Linear Combination	SLS:CHR
20751 (C)	20751	Linear Combination	SLS:CHR
20752 (C)	20752	Linear Combination	SLS:CHR
20753 (C)	20753	Linear Combination	SLS:CHR
20754 (C)	20754	Linear Combination	SLS:CHR
20755 (C)	20755	Linear Combination	SLS:CHR
20756 (C)	20756	Linear Combination	SLS:CHR
20757 (C)	20757	Linear Combination	SLS:CHR
20758 (C)	20758	Linear Combination	SLS:CHR
20759 (C)	20759	Linear Combination	SLS:CHR
20760 (C)	20760	Linear Combination	SLS:CHR
20761 (C)	20761	Linear Combination	SLS:CHR
20762 (C)	20762	Linear Combination	SLS:CHR
20763 (C)	20763	Linear Combination	SLS:CHR
20764 (C)	20764	Linear Combination	SLS:CHR
20765 (C)	20765	Linear Combination	SLS:CHR
20766 (C)	20766	Linear Combination	SLS:CHR
20767 (C)	20767	Linear Combination	SLS:CHR
20768 (C)	20768	Linear Combination	SLS:CHR
20769 (C)	20769	Linear Combination	SLS:CHR
20770 (C)	20770	Linear Combination	SLS:CHR
20771 (C)	20771	Linear Combination	SLS:CHR
20772 (C)	20772	Linear Combination	SLS:CHR
20773 (C)	20773	Linear Combination	SLS:CHR
20774 (C)	20774	Linear Combination	SLS:CHR
20775 (C)	20775	Linear Combination	SLS:CHR
20776 (C)	20776	Linear Combination	SLS:CHR
20777 (C)	20777	Linear Combination	SLS:CHR
20778 (C)	20778	Linear Combination	SLS:CHR
20779 (C)	20779	Linear Combination	SLS:CHR
20780 (C)	20780	Linear Combination	SLS:CHR
20781 (C)	20781	Linear Combination	SLS:CHR
20782 (C)	20782	Linear Combination	SLS:CHR
20783 (C)	20783	Linear Combination	SLS:CHR
20784 (C)	20784	Linear Combination	SLS:CHR
20785 (C)	20785	Linear Combination	SLS:CHR
20786 (C)	20786	Linear Combination	SLS:CHR
20787 (C)	20787	Linear Combination	SLS:CHR
20788 (C)	20788	Linear Combination	SLS:CHR
20789 (C)	20789	Linear Combination	SLS:CHR
20790 (C)	20790	Linear Combination	SLS:CHR
20791 (C)	20791	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
20792 (C)	20792	Linear Combination	SLS:CHR
20793 (C)	20793	Linear Combination	SLS:CHR
20794 (C)	20794	Linear Combination	SLS:CHR
20795 (C)	20795	Linear Combination	SLS:CHR
20796 (C)	20796	Linear Combination	SLS:CHR
20797 (C)	20797	Linear Combination	SLS:CHR
20798 (C)	20798	Linear Combination	SLS:CHR
20799 (C)	20799	Linear Combination	SLS:CHR
20800 (C)	20800	Linear Combination	SLS:CHR
20801 (C)	20801	Linear Combination	SLS:CHR
20802 (C)	20802	Linear Combination	SLS:CHR
20803 (C)	20803	Linear Combination	SLS:CHR
20804 (C)	20804	Linear Combination	SLS:CHR
20805 (C)	20805	Linear Combination	SLS:CHR
20806 (C)	20806	Linear Combination	SLS:CHR
20807 (C)	20807	Linear Combination	SLS:CHR
20808 (C)	20808	Linear Combination	SLS:CHR
20809 (C)	20809	Linear Combination	SLS:CHR
20810 (C)	20810	Linear Combination	SLS:CHR
20811 (C)	20811	Linear Combination	SLS:CHR
20812 (C)	20812	Linear Combination	SLS:CHR
20813 (C)	20813	Linear Combination	SLS:CHR
20814 (C)	20814	Linear Combination	SLS:CHR
20815 (C)	20815	Linear Combination	SLS:CHR
20816 (C)	20816	Linear Combination	SLS:CHR
20817 (C)	20817	Linear Combination	SLS:CHR
20818 (C)	20818	Linear Combination	SLS:CHR
20819 (C)	20819	Linear Combination	SLS:CHR
20820 (C)	20820	Linear Combination	SLS:CHR
20821 (C)	20821	Linear Combination	SLS:CHR
20822 (C)	20822	Linear Combination	SLS:CHR
20823 (C)	20823	Linear Combination	SLS:CHR
20824 (C)	20824	Linear Combination	SLS:CHR
20825 (C)	20825	Linear Combination	SLS:CHR
20826 (C)	20826	Linear Combination	SLS:CHR
20827 (C)	20827	Linear Combination	SLS:CHR
20828 (C)	20828	Linear Combination	SLS:CHR
20829 (C)	20829	Linear Combination	SLS:CHR
20830 (C)	20830	Linear Combination	SLS:CHR
20831 (C)	20831	Linear Combination	SLS:CHR
20832 (C)	20832	Linear Combination	SLS:CHR
20833 (C)	20833	Linear Combination	SLS:CHR
20834 (C)	20834	Linear Combination	SLS:CHR
20835 (C)	20835	Linear Combination	SLS:CHR
20836 (C)	20836	Linear Combination	SLS:CHR
20837 (C)	20837	Linear Combination	SLS:CHR
20838 (C)	20838	Linear Combination	SLS:CHR
20839 (C)	20839	Linear Combination	SLS:CHR
20840 (C)	20840	Linear Combination	SLS:CHR
20841 (C)	20841	Linear Combination	SLS:CHR
20842 (C)	20842	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20843 (C)	20843	Linear Combination	SLS:CHR
20844 (C)	20844	Linear Combination	SLS:CHR
20845 (C)	20845	Linear Combination	SLS:CHR
20846 (C)	20846	Linear Combination	SLS:CHR
20847 (C)	20847	Linear Combination	SLS:CHR
20848 (C)	20848	Linear Combination	SLS:CHR
20849 (C)	20849	Linear Combination	SLS:CHR
20850 (C)	20850	Linear Combination	SLS:CHR
20851 (C)	20851	Linear Combination	SLS:CHR
20852 (C)	20852	Linear Combination	SLS:CHR
20853 (C)	20853	Linear Combination	SLS:CHR
20854 (C)	20854	Linear Combination	SLS:CHR
20855 (C)	20855	Linear Combination	SLS:CHR
20856 (C)	20856	Linear Combination	SLS:CHR
20857 (C)	20857	Linear Combination	SLS:CHR
20858 (C)	20858	Linear Combination	SLS:CHR
20859 (C)	20859	Linear Combination	SLS:CHR
20860 (C)	20860	Linear Combination	SLS:CHR
20861 (C)	20861	Linear Combination	SLS:CHR
20862 (C)	20862	Linear Combination	SLS:CHR
20863 (C)	20863	Linear Combination	SLS:CHR
20864 (C)	20864	Linear Combination	SLS:CHR
20865 (C)	20865	Linear Combination	SLS:CHR
20866 (C)	20866	Linear Combination	SLS:CHR
20867 (C)	20867	Linear Combination	SLS:CHR
20868 (C)	20868	Linear Combination	SLS:CHR
20869 (C)	20869	Linear Combination	SLS:CHR
20870 (C)	20870	Linear Combination	SLS:CHR
20871 (C)	20871	Linear Combination	SLS:CHR
20872 (C)	20872	Linear Combination	SLS:CHR
20873 (C)	20873	Linear Combination	SLS:CHR
20874 (C)	20874	Linear Combination	SLS:CHR
20875 (C)	20875	Linear Combination	SLS:CHR
20876 (C)	20876	Linear Combination	SLS:CHR
20877 (C)	20877	Linear Combination	SLS:CHR
20878 (C)	20878	Linear Combination	SLS:CHR
20879 (C)	20879	Linear Combination	SLS:CHR
20880 (C)	20880	Linear Combination	SLS:CHR
20881 (C)	20881	Linear Combination	SLS:CHR
20882 (C)	20882	Linear Combination	SLS:CHR
20883 (C)	20883	Linear Combination	SLS:CHR
20884 (C)	20884	Linear Combination	SLS:CHR
20885 (C)	20885	Linear Combination	SLS:CHR
20886 (C)	20886	Linear Combination	SLS:CHR
20887 (C)	20887	Linear Combination	SLS:CHR
20888 (C)	20888	Linear Combination	SLS:CHR
20889 (C)	20889	Linear Combination	SLS:CHR
20890 (C)	20890	Linear Combination	SLS:CHR
20891 (C)	20891	Linear Combination	SLS:CHR
20892 (C)	20892	Linear Combination	SLS:CHR
20893 (C)	20893	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
20894 (C)	20894	Linear Combination	SLS:CHR
20895 (C)	20895	Linear Combination	SLS:CHR
20896 (C)	20896	Linear Combination	SLS:CHR
20897 (C)	21001	Linear Combination	SLS:CHR
20898 (C)	21002	Linear Combination	SLS:CHR
20899 (C)	21003	Linear Combination	SLS:CHR
20900 (C)	21004	Linear Combination	SLS:CHR
20901 (C)	21005	Linear Combination	SLS:CHR
20902 (C)	21006	Linear Combination	SLS:CHR
20903 (C)	21007	Linear Combination	SLS:CHR
20904 (C)	21008	Linear Combination	SLS:CHR
20905 (C)	21009	Linear Combination	SLS:CHR
20906 (C)	21010	Linear Combination	SLS:CHR
20907 (C)	21011	Linear Combination	SLS:CHR
20908 (C)	21012	Linear Combination	SLS:CHR
20909 (C)	21013	Linear Combination	SLS:CHR
20910 (C)	21014	Linear Combination	SLS:CHR
20911 (C)	21015	Linear Combination	SLS:CHR
20912 (C)	21016	Linear Combination	SLS:CHR
20913 (C)	21017	Linear Combination	SLS:CHR
20914 (C)	21018	Linear Combination	SLS:CHR
20915 (C)	21019	Linear Combination	SLS:CHR
20916 (C)	21020	Linear Combination	SLS:CHR
20917 (C)	21021	Linear Combination	SLS:CHR
20918 (C)	21022	Linear Combination	SLS:CHR
20919 (C)	21023	Linear Combination	SLS:CHR
20920 (C)	21024	Linear Combination	SLS:CHR
20921 (C)	21025	Linear Combination	SLS:CHR
20922 (C)	21026	Linear Combination	SLS:CHR
20923 (C)	21027	Linear Combination	SLS:CHR
20924 (C)	21028	Linear Combination	SLS:CHR
20925 (C)	21029	Linear Combination	SLS:CHR
20926 (C)	21030	Linear Combination	SLS:CHR
20927 (C)	21031	Linear Combination	SLS:CHR
20928 (C)	21032	Linear Combination	SLS:CHR
20929 (C)	21033	Linear Combination	SLS:CHR
20930 (C)	21034	Linear Combination	SLS:CHR
20931 (C)	21035	Linear Combination	SLS:CHR
20932 (C)	21036	Linear Combination	SLS:CHR
20933 (C)	21037	Linear Combination	SLS:CHR
20934 (C)	21038	Linear Combination	SLS:CHR
20935 (C)	21039	Linear Combination	SLS:CHR
20936 (C)	21040	Linear Combination	SLS:CHR
20937 (C)	21041	Linear Combination	SLS:CHR
20938 (C)	21042	Linear Combination	SLS:CHR
20939 (C)	21043	Linear Combination	SLS:CHR
20940 (C)	21044	Linear Combination	SLS:CHR
20941 (C)	21045	Linear Combination	SLS:CHR
20942 (C)	21046	Linear Combination	SLS:CHR
20943 (C)	21047	Linear Combination	SLS:CHR
20944 (C)	21048	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
20945 (C)	21049	Linear Combination	SLS:CHR
20946 (C)	21050	Linear Combination	SLS:CHR
20947 (C)	21051	Linear Combination	SLS:CHR
20948 (C)	21052	Linear Combination	SLS:CHR
20949 (C)	21053	Linear Combination	SLS:CHR
20950 (C)	21054	Linear Combination	SLS:CHR
20951 (C)	21055	Linear Combination	SLS:CHR
20952 (C)	21056	Linear Combination	SLS:CHR
20953 (C)	21057	Linear Combination	SLS:CHR
20954 (C)	21058	Linear Combination	SLS:CHR
20955 (C)	21059	Linear Combination	SLS:CHR
20956 (C)	21060	Linear Combination	SLS:CHR
20957 (C)	21061	Linear Combination	SLS:CHR
20958 (C)	21062	Linear Combination	SLS:CHR
20959 (C)	21063	Linear Combination	SLS:CHR
20960 (C)	21064	Linear Combination	SLS:CHR
20961 (C)	21065	Linear Combination	SLS:CHR
20962 (C)	21066	Linear Combination	SLS:CHR
20963 (C)	21067	Linear Combination	SLS:CHR
20964 (C)	21068	Linear Combination	SLS:CHR
20965 (C)	21069	Linear Combination	SLS:CHR
20966 (C)	21070	Linear Combination	SLS:CHR
20967 (C)	21071	Linear Combination	SLS:CHR
20968 (C)	21072	Linear Combination	SLS:CHR
20969 (C)	21073	Linear Combination	SLS:CHR
20970 (C)	21074	Linear Combination	SLS:CHR
20971 (C)	21075	Linear Combination	SLS:CHR
20972 (C)	21076	Linear Combination	SLS:CHR
20973 (C)	21077	Linear Combination	SLS:CHR
20974 (C)	21078	Linear Combination	SLS:CHR
20975 (C)	21079	Linear Combination	SLS:CHR
20976 (C)	21080	Linear Combination	SLS:CHR
20977 (C)	21081	Linear Combination	SLS:CHR
20978 (C)	21082	Linear Combination	SLS:CHR
20979 (C)	21083	Linear Combination	SLS:CHR
20980 (C)	21084	Linear Combination	SLS:CHR
20981 (C)	21085	Linear Combination	SLS:CHR
20982 (C)	21086	Linear Combination	SLS:CHR
20983 (C)	21087	Linear Combination	SLS:CHR
20984 (C)	21088	Linear Combination	SLS:CHR
20985 (C)	21089	Linear Combination	SLS:CHR
20986 (C)	21090	Linear Combination	SLS:CHR
20987 (C)	21091	Linear Combination	SLS:CHR
20988 (C)	21092	Linear Combination	SLS:CHR
20989 (C)	21093	Linear Combination	SLS:CHR
20990 (C)	21094	Linear Combination	SLS:CHR
20991 (C)	21095	Linear Combination	SLS:CHR
20992 (C)	21096	Linear Combination	SLS:CHR
20993 (C)	21097	Linear Combination	SLS:CHR
20994 (C)	21098	Linear Combination	SLS:CHR
20995 (C)	21099	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
20996 (C)	21100	Linear Combination	SLS:CHR
20997 (C)	21101	Linear Combination	SLS:CHR
20998 (C)	21102	Linear Combination	SLS:CHR
20999 (C)	21103	Linear Combination	SLS:CHR
21000 (C)	21104	Linear Combination	SLS:CHR
21001 (C)	21105	Linear Combination	SLS:CHR
21002 (C)	21106	Linear Combination	SLS:CHR
21003 (C)	21107	Linear Combination	SLS:CHR
21004 (C)	21108	Linear Combination	SLS:CHR
21005 (C)	21109	Linear Combination	SLS:CHR
21006 (C)	21110	Linear Combination	SLS:CHR
21007 (C)	21111	Linear Combination	SLS:CHR
21008 (C)	21112	Linear Combination	SLS:CHR
21009 (C)	21113	Linear Combination	SLS:CHR
21010 (C)	21114	Linear Combination	SLS:CHR
21011 (C)	21115	Linear Combination	SLS:CHR
21012 (C)	21116	Linear Combination	SLS:CHR
21013 (C)	21117	Linear Combination	SLS:CHR
21014 (C)	21118	Linear Combination	SLS:CHR
21015 (C)	21119	Linear Combination	SLS:CHR
21016 (C)	21120	Linear Combination	SLS:CHR
21017 (C)	21121	Linear Combination	SLS:CHR
21018 (C)	21122	Linear Combination	SLS:CHR
21019 (C)	21123	Linear Combination	SLS:CHR
21020 (C)	21124	Linear Combination	SLS:CHR
21021 (C)	21125	Linear Combination	SLS:CHR
21022 (C)	21126	Linear Combination	SLS:CHR
21023 (C)	21127	Linear Combination	SLS:CHR
21024 (C)	21128	Linear Combination	SLS:CHR
21025 (C)	21129	Linear Combination	SLS:CHR
21026 (C)	21130	Linear Combination	SLS:CHR
21027 (C)	21131	Linear Combination	SLS:CHR
21028 (C)	21132	Linear Combination	SLS:CHR
21029 (C)	21133	Linear Combination	SLS:CHR
21030 (C)	21134	Linear Combination	SLS:CHR
21031 (C)	21135	Linear Combination	SLS:CHR
21032 (C)	21136	Linear Combination	SLS:CHR
21033 (C)	21137	Linear Combination	SLS:CHR
21034 (C)	21138	Linear Combination	SLS:CHR
21035 (C)	21139	Linear Combination	SLS:CHR
21036 (C)	21140	Linear Combination	SLS:CHR
21037 (C)	21141	Linear Combination	SLS:CHR
21038 (C)	21142	Linear Combination	SLS:CHR
21039 (C)	21143	Linear Combination	SLS:CHR
21040 (C)	21144	Linear Combination	SLS:CHR
21041 (C)	21145	Linear Combination	SLS:CHR
21042 (C)	21146	Linear Combination	SLS:CHR
21043 (C)	21147	Linear Combination	SLS:CHR
21044 (C)	21148	Linear Combination	SLS:CHR
21045 (C)	21149	Linear Combination	SLS:CHR
21046 (C)	21150	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21047 (C)	21151	Linear Combination	SLS:CHR
21048 (C)	21152	Linear Combination	SLS:CHR
21049 (C)	21153	Linear Combination	SLS:CHR
21050 (C)	21154	Linear Combination	SLS:CHR
21051 (C)	21155	Linear Combination	SLS:CHR
21052 (C)	21156	Linear Combination	SLS:CHR
21053 (C)	21157	Linear Combination	SLS:CHR
21054 (C)	21158	Linear Combination	SLS:CHR
21055 (C)	21159	Linear Combination	SLS:CHR
21056 (C)	21160	Linear Combination	SLS:CHR
21057 (C)	21161	Linear Combination	SLS:CHR
21058 (C)	21162	Linear Combination	SLS:CHR
21059 (C)	21163	Linear Combination	SLS:CHR
21060 (C)	21164	Linear Combination	SLS:CHR
21061 (C)	21165	Linear Combination	SLS:CHR
21062 (C)	21166	Linear Combination	SLS:CHR
21063 (C)	21167	Linear Combination	SLS:CHR
21064 (C)	21168	Linear Combination	SLS:CHR
21065 (C)	21169	Linear Combination	SLS:CHR
21066 (C)	21170	Linear Combination	SLS:CHR
21067 (C)	21171	Linear Combination	SLS:CHR
21068 (C)	21172	Linear Combination	SLS:CHR
21069 (C)	21173	Linear Combination	SLS:CHR
21070 (C)	21174	Linear Combination	SLS:CHR
21071 (C)	21175	Linear Combination	SLS:CHR
21072 (C)	21176	Linear Combination	SLS:CHR
21073 (C)	21177	Linear Combination	SLS:CHR
21074 (C)	21178	Linear Combination	SLS:CHR
21075 (C)	21179	Linear Combination	SLS:CHR
21076 (C)	21180	Linear Combination	SLS:CHR
21077 (C)	21181	Linear Combination	SLS:CHR
21078 (C)	21182	Linear Combination	SLS:CHR
21079 (C)	21183	Linear Combination	SLS:CHR
21080 (C)	21184	Linear Combination	SLS:CHR
21081 (C)	21185	Linear Combination	SLS:CHR
21082 (C)	21186	Linear Combination	SLS:CHR
21083 (C)	21187	Linear Combination	SLS:CHR
21084 (C)	21188	Linear Combination	SLS:CHR
21085 (C)	21189	Linear Combination	SLS:CHR
21086 (C)	21190	Linear Combination	SLS:CHR
21087 (C)	21191	Linear Combination	SLS:CHR
21088 (C)	21192	Linear Combination	SLS:CHR
21089 (C)	21193	Linear Combination	SLS:CHR
21090 (C)	21194	Linear Combination	SLS:CHR
21091 (C)	21195	Linear Combination	SLS:CHR
21092 (C)	21196	Linear Combination	SLS:CHR
21093 (C)	21197	Linear Combination	SLS:CHR
21094 (C)	21198	Linear Combination	SLS:CHR
21095 (C)	21199	Linear Combination	SLS:CHR
21096 (C)	21200	Linear Combination	SLS:CHR
21097 (C)	21201	Linear Combination	SLS:CHR

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21098 (C)	21202	Linear Combination	SLS:CHR
21099 (C)	21203	Linear Combination	SLS:CHR
21100 (C)	21204	Linear Combination	SLS:CHR
21101 (C)	21205	Linear Combination	SLS:CHR
21102 (C)	21206	Linear Combination	SLS:CHR
21103 (C)	21207	Linear Combination	SLS:CHR
21104 (C)	21208	Linear Combination	SLS:CHR
21105 (C)	21209	Linear Combination	SLS:CHR
21106 (C)	21210	Linear Combination	SLS:CHR
21107 (C)	21211	Linear Combination	SLS:CHR
21108 (C)	21212	Linear Combination	SLS:CHR
21109 (C)	21213	Linear Combination	SLS:CHR
21110 (C)	21214	Linear Combination	SLS:CHR
21111 (C)	21215	Linear Combination	SLS:CHR
21112 (C)	21216	Linear Combination	SLS:CHR
21113 (C)	21217	Linear Combination	SLS:CHR
21114 (C)	21218	Linear Combination	SLS:CHR
21115 (C)	21219	Linear Combination	SLS:CHR
21116 (C)	21220	Linear Combination	SLS:CHR
21117 (C)	21221	Linear Combination	SLS:CHR
21118 (C)	21222	Linear Combination	SLS:CHR
21119 (C)	21223	Linear Combination	SLS:CHR
21120 (C)	21224	Linear Combination	SLS:CHR
21121 (C)	21225	Linear Combination	SLS:CHR
21122 (C)	21226	Linear Combination	SLS:CHR
21123 (C)	21227	Linear Combination	SLS:CHR
21124 (C)	21228	Linear Combination	SLS:CHR
21125 (C)	21229	Linear Combination	SLS:CHR
21126 (C)	21230	Linear Combination	SLS:CHR
21127 (C)	21231	Linear Combination	SLS:CHR
21128 (C)	21232	Linear Combination	SLS:CHR
21129 (C)	21233	Linear Combination	SLS:CHR
21130 (C)	21234	Linear Combination	SLS:CHR
21131 (C)	21235	Linear Combination	SLS:CHR
21132 (C)	21236	Linear Combination	SLS:CHR
21133 (C)	21237	Linear Combination	SLS:CHR
21134 (C)	21238	Linear Combination	SLS:CHR
21135 (C)	21239	Linear Combination	SLS:CHR
21136 (C)	21240	Linear Combination	SLS:CHR
21137 (C)	21241	Linear Combination	SLS:CHR
21138 (C)	21242	Linear Combination	SLS:CHR
21139 (C)	21243	Linear Combination	SLS:CHR
21140 (C)	21244	Linear Combination	SLS:CHR
21141 (C)	21245	Linear Combination	SLS:CHR
21142 (C)	21246	Linear Combination	SLS:CHR
21143 (C)	21247	Linear Combination	SLS:CHR
21144 (C)	21248	Linear Combination	SLS:CHR
21145 (C)	21249	Linear Combination	SLS:CHR
21146 (C)	21250	Linear Combination	SLS:CHR
21147 (C)	21251	Linear Combination	SLS:CHR
21148 (C)	21252	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21149 (C)	21253	Linear Combination	SLS:CHR
21150 (C)	21254	Linear Combination	SLS:CHR
21151 (C)	21255	Linear Combination	SLS:CHR
21152 (C)	21256	Linear Combination	SLS:CHR
21153 (C)	21257	Linear Combination	SLS:CHR
21154 (C)	21258	Linear Combination	SLS:CHR
21155 (C)	21259	Linear Combination	SLS:CHR
21156 (C)	21260	Linear Combination	SLS:CHR
21157 (C)	21261	Linear Combination	SLS:CHR
21158 (C)	21262	Linear Combination	SLS:CHR
21159 (C)	21263	Linear Combination	SLS:CHR
21160 (C)	21264	Linear Combination	SLS:CHR
21161 (C)	21265	Linear Combination	SLS:CHR
21162 (C)	21266	Linear Combination	SLS:CHR
21163 (C)	21267	Linear Combination	SLS:CHR
21164 (C)	21268	Linear Combination	SLS:CHR
21165 (C)	21269	Linear Combination	SLS:CHR
21166 (C)	21270	Linear Combination	SLS:CHR
21167 (C)	21271	Linear Combination	SLS:CHR
21168 (C)	21272	Linear Combination	SLS:CHR
21169 (C)	21273	Linear Combination	SLS:CHR
21170 (C)	21274	Linear Combination	SLS:CHR
21171 (C)	21275	Linear Combination	SLS:CHR
21172 (C)	21276	Linear Combination	SLS:CHR
21173 (C)	21277	Linear Combination	SLS:CHR
21174 (C)	21278	Linear Combination	SLS:CHR
21175 (C)	21279	Linear Combination	SLS:CHR
21176 (C)	21280	Linear Combination	SLS:CHR
21177 (C)	21281	Linear Combination	SLS:CHR
21178 (C)	21282	Linear Combination	SLS:CHR
21179 (C)	21283	Linear Combination	SLS:CHR
21180 (C)	21284	Linear Combination	SLS:CHR
21181 (C)	21285	Linear Combination	SLS:CHR
21182 (C)	21286	Linear Combination	SLS:CHR
21183 (C)	21287	Linear Combination	SLS:CHR
21184 (C)	21288	Linear Combination	SLS:CHR
21185 (C)	21289	Linear Combination	SLS:CHR
21186 (C)	21290	Linear Combination	SLS:CHR
21187 (C)	21291	Linear Combination	SLS:CHR
21188 (C)	21292	Linear Combination	SLS:CHR
21189 (C)	21293	Linear Combination	SLS:CHR
21190 (C)	21294	Linear Combination	SLS:CHR
21191 (C)	21295	Linear Combination	SLS:CHR
21192 (C)	21296	Linear Combination	SLS:CHR
21193 (C)	21297	Linear Combination	SLS:CHR
21194 (C)	21298	Linear Combination	SLS:CHR
21195 (C)	21299	Linear Combination	SLS:CHR
21196 (C)	21300	Linear Combination	SLS:CHR
21197 (C)	21301	Linear Combination	SLS:CHR
21198 (C)	21302	Linear Combination	SLS:CHR
21199 (C)	21303	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21200 (C)	21304	Linear Combination	SLS:CHR
21201 (C)	21305	Linear Combination	SLS:CHR
21202 (C)	21306	Linear Combination	SLS:CHR
21203 (C)	21307	Linear Combination	SLS:CHR
21204 (C)	21308	Linear Combination	SLS:CHR
21205 (C)	21309	Linear Combination	SLS:CHR
21206 (C)	21310	Linear Combination	SLS:CHR
21207 (C)	21311	Linear Combination	SLS:CHR
21208 (C)	21312	Linear Combination	SLS:CHR
21209 (C)	21313	Linear Combination	SLS:CHR
21210 (C)	21314	Linear Combination	SLS:CHR
21211 (C)	21315	Linear Combination	SLS:CHR
21212 (C)	21316	Linear Combination	SLS:CHR
21213 (C)	21317	Linear Combination	SLS:CHR
21214 (C)	21318	Linear Combination	SLS:CHR
21215 (C)	21319	Linear Combination	SLS:CHR
21216 (C)	21320	Linear Combination	SLS:CHR
21217 (C)	21321	Linear Combination	SLS:CHR
21218 (C)	21322	Linear Combination	SLS:CHR
21219 (C)	21323	Linear Combination	SLS:CHR
21220 (C)	21324	Linear Combination	SLS:CHR
21221 (C)	21325	Linear Combination	SLS:CHR
21222 (C)	21326	Linear Combination	SLS:CHR
21223 (C)	21327	Linear Combination	SLS:CHR
21224 (C)	21328	Linear Combination	SLS:CHR
21225 (C)	21329	Linear Combination	SLS:CHR
21226 (C)	21330	Linear Combination	SLS:CHR
21227 (C)	21331	Linear Combination	SLS:CHR
21228 (C)	21332	Linear Combination	SLS:CHR
21229 (C)	21333	Linear Combination	SLS:CHR
21230 (C)	21334	Linear Combination	SLS:CHR
21231 (C)	21335	Linear Combination	SLS:CHR
21232 (C)	21336	Linear Combination	SLS:CHR
21233 (C)	21337	Linear Combination	SLS:CHR
21234 (C)	21338	Linear Combination	SLS:CHR
21235 (C)	21339	Linear Combination	SLS:CHR
21236 (C)	21340	Linear Combination	SLS:CHR
21237 (C)	21341	Linear Combination	SLS:CHR
21238 (C)	21342	Linear Combination	SLS:CHR
21239 (C)	21343	Linear Combination	SLS:CHR
21240 (C)	21344	Linear Combination	SLS:CHR
21241 (C)	21345	Linear Combination	SLS:CHR
21242 (C)	21346	Linear Combination	SLS:CHR
21243 (C)	21347	Linear Combination	SLS:CHR
21244 (C)	21348	Linear Combination	SLS:CHR
21245 (C)	21349	Linear Combination	SLS:CHR
21246 (C)	21350	Linear Combination	SLS:CHR
21247 (C)	21351	Linear Combination	SLS:CHR
21248 (C)	21352	Linear Combination	SLS:CHR
21249 (C)	21353	Linear Combination	SLS:CHR
21250 (C)	21354	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21251 (C)	21355	Linear Combination	SLS:CHR
21252 (C)	21356	Linear Combination	SLS:CHR
21253 (C)	21357	Linear Combination	SLS:CHR
21254 (C)	21358	Linear Combination	SLS:CHR
21255 (C)	21359	Linear Combination	SLS:CHR
21256 (C)	21360	Linear Combination	SLS:CHR
21257 (C)	21361	Linear Combination	SLS:CHR
21258 (C)	21362	Linear Combination	SLS:CHR
21259 (C)	21363	Linear Combination	SLS:CHR
21260 (C)	21364	Linear Combination	SLS:CHR
21261 (C)	21365	Linear Combination	SLS:CHR
21262 (C)	21366	Linear Combination	SLS:CHR
21263 (C)	21367	Linear Combination	SLS:CHR
21264 (C)	21368	Linear Combination	SLS:CHR
21265 (C)	21369	Linear Combination	SLS:CHR
21266 (C)	21370	Linear Combination	SLS:CHR
21267 (C)	21371	Linear Combination	SLS:CHR
21268 (C)	21372	Linear Combination	SLS:CHR
21269 (C)	21373	Linear Combination	SLS:CHR
21270 (C)	21374	Linear Combination	SLS:CHR
21271 (C)	21375	Linear Combination	SLS:CHR
21272 (C)	21376	Linear Combination	SLS:CHR
21273 (C)	21377	Linear Combination	SLS:CHR
21274 (C)	21378	Linear Combination	SLS:CHR
21275 (C)	21379	Linear Combination	SLS:CHR
21276 (C)	21380	Linear Combination	SLS:CHR
21277 (C)	21381	Linear Combination	SLS:CHR
21278 (C)	21382	Linear Combination	SLS:CHR
21279 (C)	21383	Linear Combination	SLS:CHR
21280 (C)	21384	Linear Combination	SLS:CHR
21281 (C)	21385	Linear Combination	SLS:CHR
21282 (C)	21386	Linear Combination	SLS:CHR
21283 (C)	21387	Linear Combination	SLS:CHR
21284 (C)	21388	Linear Combination	SLS:CHR
21285 (C)	21389	Linear Combination	SLS:CHR
21286 (C)	21390	Linear Combination	SLS:CHR
21287 (C)	21391	Linear Combination	SLS:CHR
21288 (C)	21392	Linear Combination	SLS:CHR
21289 (C)	21393	Linear Combination	SLS:CHR
21290 (C)	21394	Linear Combination	SLS:CHR
21291 (C)	21395	Linear Combination	SLS:CHR
21292 (C)	21396	Linear Combination	SLS:CHR
21293 (C)	21397	Linear Combination	SLS:CHR
21294 (C)	21398	Linear Combination	SLS:CHR
21295 (C)	21399	Linear Combination	SLS:CHR
21296 (C)	21400	Linear Combination	SLS:CHR
21297 (C)	21401	Linear Combination	SLS:CHR
21298 (C)	21402	Linear Combination	SLS:CHR
21299 (C)	21403	Linear Combination	SLS:CHR
21300 (C)	21404	Linear Combination	SLS:CHR
21301 (C)	21405	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21302 (C)	21406	Linear Combination	SLS:CHR
21303 (C)	21407	Linear Combination	SLS:CHR
21304 (C)	21408	Linear Combination	SLS:CHR
21305 (C)	21409	Linear Combination	SLS:CHR
21306 (C)	21410	Linear Combination	SLS:CHR
21307 (C)	21411	Linear Combination	SLS:CHR
21308 (C)	21412	Linear Combination	SLS:CHR
21309 (C)	21413	Linear Combination	SLS:CHR
21310 (C)	21414	Linear Combination	SLS:CHR
21311 (C)	21415	Linear Combination	SLS:CHR
21312 (C)	21416	Linear Combination	SLS:CHR
21313 (C)	21417	Linear Combination	SLS:CHR
21314 (C)	21418	Linear Combination	SLS:CHR
21315 (C)	21419	Linear Combination	SLS:CHR
21316 (C)	21420	Linear Combination	SLS:CHR
21317 (C)	21421	Linear Combination	SLS:CHR
21318 (C)	21422	Linear Combination	SLS:CHR
21319 (C)	21423	Linear Combination	SLS:CHR
21320 (C)	21424	Linear Combination	SLS:CHR
21321 (C)	21425	Linear Combination	SLS:CHR
21322 (C)	21426	Linear Combination	SLS:CHR
21323 (C)	21427	Linear Combination	SLS:CHR
21324 (C)	21428	Linear Combination	SLS:CHR
21325 (C)	21429	Linear Combination	SLS:CHR
21326 (C)	21430	Linear Combination	SLS:CHR
21327 (C)	21431	Linear Combination	SLS:CHR
21328 (C)	21432	Linear Combination	SLS:CHR
21329 (C)	21433	Linear Combination	SLS:CHR
21330 (C)	21434	Linear Combination	SLS:CHR
21331 (C)	21435	Linear Combination	SLS:CHR
21332 (C)	21436	Linear Combination	SLS:CHR
21333 (C)	21437	Linear Combination	SLS:CHR
21334 (C)	21438	Linear Combination	SLS:CHR
21335 (C)	21439	Linear Combination	SLS:CHR
21336 (C)	21440	Linear Combination	SLS:CHR
21337 (C)	21441	Linear Combination	SLS:CHR
21338 (C)	21442	Linear Combination	SLS:CHR
21339 (C)	21443	Linear Combination	SLS:CHR
21340 (C)	21444	Linear Combination	SLS:CHR
21341 (C)	21445	Linear Combination	SLS:CHR
21342 (C)	21446	Linear Combination	SLS:CHR
21343 (C)	21447	Linear Combination	SLS:CHR
21344 (C)	21448	Linear Combination	SLS:CHR
21345 (C)	21449	Linear Combination	SLS:CHR
21346 (C)	21450	Linear Combination	SLS:CHR
21347 (C)	21451	Linear Combination	SLS:CHR
21348 (C)	21452	Linear Combination	SLS:CHR
21349 (C)	21453	Linear Combination	SLS:CHR
21350 (C)	21454	Linear Combination	SLS:CHR
21351 (C)	21455	Linear Combination	SLS:CHR
21352 (C)	21456	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21353 (C)	21457	Linear Combination	SLS:CHR
21354 (C)	21458	Linear Combination	SLS:CHR
21355 (C)	21459	Linear Combination	SLS:CHR
21356 (C)	21460	Linear Combination	SLS:CHR
21357 (C)	21461	Linear Combination	SLS:CHR
21358 (C)	21462	Linear Combination	SLS:CHR
21359 (C)	21463	Linear Combination	SLS:CHR
21360 (C)	21464	Linear Combination	SLS:CHR
21361 (C)	21465	Linear Combination	SLS:CHR
21362 (C)	21466	Linear Combination	SLS:CHR
21363 (C)	21467	Linear Combination	SLS:CHR
21364 (C)	21468	Linear Combination	SLS:CHR
21365 (C)	21469	Linear Combination	SLS:CHR
21366 (C)	21470	Linear Combination	SLS:CHR
21367 (C)	21471	Linear Combination	SLS:CHR
21368 (C)	21472	Linear Combination	SLS:CHR
21369 (C)	21473	Linear Combination	SLS:CHR
21370 (C)	21474	Linear Combination	SLS:CHR
21371 (C)	21475	Linear Combination	SLS:CHR
21372 (C)	21476	Linear Combination	SLS:CHR
21373 (C)	21477	Linear Combination	SLS:CHR
21374 (C)	21478	Linear Combination	SLS:CHR
21375 (C)	21479	Linear Combination	SLS:CHR
21376 (C)	21480	Linear Combination	SLS:CHR
21377 (C)	21481	Linear Combination	SLS:CHR
21378 (C)	21482	Linear Combination	SLS:CHR
21379 (C)	21483	Linear Combination	SLS:CHR
21380 (C)	21484	Linear Combination	SLS:CHR
21381 (C)	21485	Linear Combination	SLS:CHR
21382 (C)	21486	Linear Combination	SLS:CHR
21383 (C)	21487	Linear Combination	SLS:CHR
21384 (C)	21488	Linear Combination	SLS:CHR
21385 (C)	21489	Linear Combination	SLS:CHR
21386 (C)	21490	Linear Combination	SLS:CHR
21387 (C)	21491	Linear Combination	SLS:CHR
21388 (C)	21492	Linear Combination	SLS:CHR
21389 (C)	21493	Linear Combination	SLS:CHR
21390 (C)	21494	Linear Combination	SLS:CHR
21391 (C)	21495	Linear Combination	SLS:CHR
21392 (C)	21496	Linear Combination	SLS:CHR
21393 (C)	21497	Linear Combination	SLS:CHR
21394 (C)	21498	Linear Combination	SLS:CHR
21395 (C)	21499	Linear Combination	SLS:CHR
21396 (C)	21500	Linear Combination	SLS:CHR
21397 (C)	21501	Linear Combination	SLS:CHR
21398 (C)	21502	Linear Combination	SLS:CHR
21399 (C)	21503	Linear Combination	SLS:CHR
21400 (C)	21504	Linear Combination	SLS:CHR
21401 (C)	21505	Linear Combination	SLS:CHR
21402 (C)	21506	Linear Combination	SLS:CHR
21403 (C)	21507	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21404 (C)	21508	Linear Combination	SLS:CHR
21405 (C)	21509	Linear Combination	SLS:CHR
21406 (C)	21510	Linear Combination	SLS:CHR
21407 (C)	21511	Linear Combination	SLS:CHR
21408 (C)	21512	Linear Combination	SLS:CHR
21409 (C)	21513	Linear Combination	SLS:CHR
21410 (C)	21514	Linear Combination	SLS:CHR
21411 (C)	21515	Linear Combination	SLS:CHR
21412 (C)	21516	Linear Combination	SLS:CHR
21413 (C)	21517	Linear Combination	SLS:CHR
21414 (C)	21518	Linear Combination	SLS:CHR
21415 (C)	21519	Linear Combination	SLS:CHR
21416 (C)	21520	Linear Combination	SLS:CHR
21417 (C)	21521	Linear Combination	SLS:CHR
21418 (C)	21522	Linear Combination	SLS:CHR
21419 (C)	21523	Linear Combination	SLS:CHR
21420 (C)	21524	Linear Combination	SLS:CHR
21421 (C)	21525	Linear Combination	SLS:CHR
21422 (C)	21526	Linear Combination	SLS:CHR
21423 (C)	21527	Linear Combination	SLS:CHR
21424 (C)	21528	Linear Combination	SLS:CHR
21425 (C)	21529	Linear Combination	SLS:CHR
21426 (C)	21530	Linear Combination	SLS:CHR
21427 (C)	21531	Linear Combination	SLS:CHR
21428 (C)	21532	Linear Combination	SLS:CHR
21429 (C)	21533	Linear Combination	SLS:CHR
21430 (C)	21534	Linear Combination	SLS:CHR
21431 (C)	21535	Linear Combination	SLS:CHR
21432 (C)	21536	Linear Combination	SLS:CHR
21433 (C)	21537	Linear Combination	SLS:CHR
21434 (C)	21538	Linear Combination	SLS:CHR
21435 (C)	21539	Linear Combination	SLS:CHR
21436 (C)	21540	Linear Combination	SLS:CHR
21437 (C)	21541	Linear Combination	SLS:CHR
21438 (C)	21542	Linear Combination	SLS:CHR
21439 (C)	21543	Linear Combination	SLS:CHR
21440 (C)	21544	Linear Combination	SLS:CHR
21441 (C)	21545	Linear Combination	SLS:CHR
21442 (C)	21546	Linear Combination	SLS:CHR
21443 (C)	21547	Linear Combination	SLS:CHR
21444 (C)	21548	Linear Combination	SLS:CHR
21445 (C)	21549	Linear Combination	SLS:CHR
21446 (C)	21550	Linear Combination	SLS:CHR
21447 (C)	21551	Linear Combination	SLS:CHR
21448 (C)	21552	Linear Combination	SLS:CHR
21449 (C)	21553	Linear Combination	SLS:CHR
21450 (C)	21554	Linear Combination	SLS:CHR
21451 (C)	21555	Linear Combination	SLS:CHR
21452 (C)	21556	Linear Combination	SLS:CHR
21453 (C)	21557	Linear Combination	SLS:CHR
21454 (C)	21558	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21455 (C)	21559	Linear Combination	SLS:CHR
21456 (C)	21560	Linear Combination	SLS:CHR
21457 (C)	21561	Linear Combination	SLS:CHR
21458 (C)	21562	Linear Combination	SLS:CHR
21459 (C)	21563	Linear Combination	SLS:CHR
21460 (C)	21564	Linear Combination	SLS:CHR
21461 (C)	21565	Linear Combination	SLS:CHR
21462 (C)	21566	Linear Combination	SLS:CHR
21463 (C)	21567	Linear Combination	SLS:CHR
21464 (C)	21568	Linear Combination	SLS:CHR
21465 (C)	21569	Linear Combination	SLS:CHR
21466 (C)	21570	Linear Combination	SLS:CHR
21467 (C)	21571	Linear Combination	SLS:CHR
21468 (C)	21572	Linear Combination	SLS:CHR
21469 (C)	21573	Linear Combination	SLS:CHR
21470 (C)	21574	Linear Combination	SLS:CHR
21471 (C)	21575	Linear Combination	SLS:CHR
21472 (C)	21576	Linear Combination	SLS:CHR
21473 (C)	21577	Linear Combination	SLS:CHR
21474 (C)	21578	Linear Combination	SLS:CHR
21475 (C)	21579	Linear Combination	SLS:CHR
21476 (C)	21580	Linear Combination	SLS:CHR
21477 (C)	21581	Linear Combination	SLS:CHR
21478 (C)	21582	Linear Combination	SLS:CHR
21479 (C)	21583	Linear Combination	SLS:CHR
21480 (C)	21584	Linear Combination	SLS:CHR
21481 (C)	21585	Linear Combination	SLS:CHR
21482 (C)	21586	Linear Combination	SLS:CHR
21483 (C)	21587	Linear Combination	SLS:CHR
21484 (C)	21588	Linear Combination	SLS:CHR
21485 (C)	21589	Linear Combination	SLS:CHR
21486 (C)	21590	Linear Combination	SLS:CHR
21487 (C)	21591	Linear Combination	SLS:CHR
21488 (C)	21592	Linear Combination	SLS:CHR
21489 (C)	21593	Linear Combination	SLS:CHR
21490 (C)	21594	Linear Combination	SLS:CHR
21491 (C)	21595	Linear Combination	SLS:CHR
21492 (C)	21596	Linear Combination	SLS:CHR
21493 (C)	21597	Linear Combination	SLS:CHR
21494 (C)	21598	Linear Combination	SLS:CHR
21495 (C)	21599	Linear Combination	SLS:CHR
21496 (C)	21600	Linear Combination	SLS:CHR
21497 (C)	21601	Linear Combination	SLS:CHR
21498 (C)	21602	Linear Combination	SLS:CHR
21499 (C)	21603	Linear Combination	SLS:CHR
21500 (C)	21604	Linear Combination	SLS:CHR
21501 (C)	21605	Linear Combination	SLS:CHR
21502 (C)	21606	Linear Combination	SLS:CHR
21503 (C)	21607	Linear Combination	SLS:CHR
21504 (C)	21608	Linear Combination	SLS:CHR
21505 (C)	21609	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21506 (C)	21610	Linear Combination	SLS:CHR
21507 (C)	21611	Linear Combination	SLS:CHR
21508 (C)	21612	Linear Combination	SLS:CHR
21509 (C)	21613	Linear Combination	SLS:CHR
21510 (C)	21614	Linear Combination	SLS:CHR
21511 (C)	21615	Linear Combination	SLS:CHR
21512 (C)	21616	Linear Combination	SLS:CHR
21513 (C)	21617	Linear Combination	SLS:CHR
21514 (C)	21618	Linear Combination	SLS:CHR
21515 (C)	21619	Linear Combination	SLS:CHR
21516 (C)	21620	Linear Combination	SLS:CHR
21517 (C)	21621	Linear Combination	SLS:CHR
21518 (C)	21622	Linear Combination	SLS:CHR
21519 (C)	21623	Linear Combination	SLS:CHR
21520 (C)	21624	Linear Combination	SLS:CHR
21521 (C)	21625	Linear Combination	SLS:CHR
21522 (C)	21626	Linear Combination	SLS:CHR
21523 (C)	21627	Linear Combination	SLS:CHR
21524 (C)	21628	Linear Combination	SLS:CHR
21525 (C)	21629	Linear Combination	SLS:CHR
21526 (C)	21630	Linear Combination	SLS:CHR
21527 (C)	21631	Linear Combination	SLS:CHR
21528 (C)	21632	Linear Combination	SLS:CHR
21529 (C)	21633	Linear Combination	SLS:CHR
21530 (C)	21634	Linear Combination	SLS:CHR
21531 (C)	21635	Linear Combination	SLS:CHR
21532 (C)	21636	Linear Combination	SLS:CHR
21533 (C)	21637	Linear Combination	SLS:CHR
21534 (C)	21638	Linear Combination	SLS:CHR
21535 (C)	21639	Linear Combination	SLS:CHR
21536 (C)	21640	Linear Combination	SLS:CHR
21537 (C)	21641	Linear Combination	SLS:CHR
21538 (C)	21642	Linear Combination	SLS:CHR
21539 (C)	21643	Linear Combination	SLS:CHR
21540 (C)	21644	Linear Combination	SLS:CHR
21541 (C)	21645	Linear Combination	SLS:CHR
21542 (C)	21646	Linear Combination	SLS:CHR
21543 (C)	21647	Linear Combination	SLS:CHR
21544 (C)	21648	Linear Combination	SLS:CHR
21545 (C)	21649	Linear Combination	SLS:CHR
21546 (C)	21650	Linear Combination	SLS:CHR
21547 (C)	21651	Linear Combination	SLS:CHR
21548 (C)	21652	Linear Combination	SLS:CHR
21549 (C)	21653	Linear Combination	SLS:CHR
21550 (C)	21654	Linear Combination	SLS:CHR
21551 (C)	21655	Linear Combination	SLS:CHR
21552 (C)	21656	Linear Combination	SLS:CHR
21553 (C)	21657	Linear Combination	SLS:CHR
21554 (C)	21658	Linear Combination	SLS:CHR
21555 (C)	21659	Linear Combination	SLS:CHR
21556 (C)	21660	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21557 (C)	21661	Linear Combination	SLS:CHR
21558 (C)	21662	Linear Combination	SLS:CHR
21559 (C)	21663	Linear Combination	SLS:CHR
21560 (C)	21664	Linear Combination	SLS:CHR
21561 (C)	21665	Linear Combination	SLS:CHR
21562 (C)	21666	Linear Combination	SLS:CHR
21563 (C)	21667	Linear Combination	SLS:CHR
21564 (C)	21668	Linear Combination	SLS:CHR
21565 (C)	21669	Linear Combination	SLS:CHR
21566 (C)	21670	Linear Combination	SLS:CHR
21567 (C)	21671	Linear Combination	SLS:CHR
21568 (C)	21672	Linear Combination	SLS:CHR
21569 (C)	21673	Linear Combination	SLS:CHR
21570 (C)	21674	Linear Combination	SLS:CHR
21571 (C)	21675	Linear Combination	SLS:CHR
21572 (C)	21676	Linear Combination	SLS:CHR
21573 (C)	21677	Linear Combination	SLS:CHR
21574 (C)	21678	Linear Combination	SLS:CHR
21575 (C)	21679	Linear Combination	SLS:CHR
21576 (C)	21680	Linear Combination	SLS:CHR
21577 (C)	21681	Linear Combination	SLS:CHR
21578 (C)	21682	Linear Combination	SLS:CHR
21579 (C)	21683	Linear Combination	SLS:CHR
21580 (C)	21684	Linear Combination	SLS:CHR
21581 (C)	21685	Linear Combination	SLS:CHR
21582 (C)	21686	Linear Combination	SLS:CHR
21583 (C)	21687	Linear Combination	SLS:CHR
21584 (C)	21688	Linear Combination	SLS:CHR
21585 (C)	21689	Linear Combination	SLS:CHR
21586 (C)	21690	Linear Combination	SLS:CHR
21587 (C)	21691	Linear Combination	SLS:CHR
21588 (C)	21692	Linear Combination	SLS:CHR
21589 (C)	21693	Linear Combination	SLS:CHR
21590 (C)	21694	Linear Combination	SLS:CHR
21591 (C)	21695	Linear Combination	SLS:CHR
21592 (C)	21696	Linear Combination	SLS:CHR
21593 (C)	21697	Linear Combination	SLS:CHR
21594 (C)	21698	Linear Combination	SLS:CHR
21595 (C)	21699	Linear Combination	SLS:CHR
21596 (C)	21700	Linear Combination	SLS:CHR
21597 (C)	21701	Linear Combination	SLS:CHR
21598 (C)	21702	Linear Combination	SLS:CHR
21599 (C)	21703	Linear Combination	SLS:CHR
21600 (C)	21704	Linear Combination	SLS:CHR
21601 (C)	21705	Linear Combination	SLS:CHR
21602 (C)	21706	Linear Combination	SLS:CHR
21603 (C)	21707	Linear Combination	SLS:CHR
21604 (C)	21708	Linear Combination	SLS:CHR
21605 (C)	21709	Linear Combination	SLS:CHR
21606 (C)	21710	Linear Combination	SLS:CHR
21607 (C)	21711	Linear Combination	SLS:CHR

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Author:
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Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Name	Analysis type	Combination type
21608 (C)	21712	Linear Combination	SLS:CHR
21609 (C)	21713	Linear Combination	SLS:CHR
21610 (C)	21714	Linear Combination	SLS:CHR
21611 (C)	21715	Linear Combination	SLS:CHR
21612 (C)	21716	Linear Combination	SLS:CHR
21613 (C)	21717	Linear Combination	SLS:CHR
21614 (C)	21718	Linear Combination	SLS:CHR
21615 (C)	21719	Linear Combination	SLS:CHR
21616 (C)	21720	Linear Combination	SLS:CHR
21617 (C)	21721	Linear Combination	SLS:CHR
21618 (C)	21722	Linear Combination	SLS:CHR
21619 (C)	21723	Linear Combination	SLS:CHR
21620 (C)	21724	Linear Combination	SLS:CHR
21621 (C)	21725	Linear Combination	SLS:CHR
21622 (C)	21726	Linear Combination	SLS:CHR
21623 (C)	21727	Linear Combination	SLS:CHR
21624 (C)	21728	Linear Combination	SLS:CHR
21625 (C)	21729	Linear Combination	SLS:CHR
21626 (C)	21730	Linear Combination	SLS:CHR
21627 (C)	21731	Linear Combination	SLS:CHR
21628 (C)	21732	Linear Combination	SLS:CHR
21629 (C)	21733	Linear Combination	SLS:CHR
21630 (C)	21734	Linear Combination	SLS:CHR
21631 (C)	21735	Linear Combination	SLS:CHR
21632 (C)	21736	Linear Combination	SLS:CHR
21633 (C)	21737	Linear Combination	SLS:CHR
21634 (C)	21738	Linear Combination	SLS:CHR
21635 (C)	21739	Linear Combination	SLS:CHR
21636 (C)	21740	Linear Combination	SLS:CHR
21637 (C)	21741	Linear Combination	SLS:CHR
21638 (C)	21742	Linear Combination	SLS:CHR
21639 (C)	21743	Linear Combination	SLS:CHR
21640 (C)	21744	Linear Combination	SLS:CHR
21641 (C)	21745	Linear Combination	SLS:CHR
21642 (C)	21746	Linear Combination	SLS:CHR
21643 (C)	21747	Linear Combination	SLS:CHR
21644 (C)	21748	Linear Combination	SLS:CHR
21645 (C)	21749	Linear Combination	SLS:CHR
21646 (C)	21750	Linear Combination	SLS:CHR
21647 (C)	21751	Linear Combination	SLS:CHR
21648 (C)	21752	Linear Combination	SLS:CHR
21649 (C)	21753	Linear Combination	SLS:CHR
21650 (C)	21754	Linear Combination	SLS:CHR
21651 (C)	21755	Linear Combination	SLS:CHR
21652 (C)	21756	Linear Combination	SLS:CHR
21653 (C)	21757	Linear Combination	SLS:CHR
21654 (C)	21758	Linear Combination	SLS:CHR
21655 (C)	21759	Linear Combination	SLS:CHR
21656 (C)	21760	Linear Combination	SLS:CHR
21657 (C)	21761	Linear Combination	SLS:CHR
21658 (C)	21762	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21659 (C)	21763	Linear Combination	SLS:CHR
21660 (C)	21764	Linear Combination	SLS:CHR
21661 (C)	21765	Linear Combination	SLS:CHR
21662 (C)	21766	Linear Combination	SLS:CHR
21663 (C)	21767	Linear Combination	SLS:CHR
21664 (C)	21768	Linear Combination	SLS:CHR
21665 (C)	21769	Linear Combination	SLS:CHR
21666 (C)	21770	Linear Combination	SLS:CHR
21667 (C)	21771	Linear Combination	SLS:CHR
21668 (C)	21772	Linear Combination	SLS:CHR
21669 (C)	21773	Linear Combination	SLS:CHR
21670 (C)	21774	Linear Combination	SLS:CHR
21671 (C)	21775	Linear Combination	SLS:CHR
21672 (C)	21776	Linear Combination	SLS:CHR
21673 (C)	21777	Linear Combination	SLS:CHR
21674 (C)	21778	Linear Combination	SLS:CHR
21675 (C)	21779	Linear Combination	SLS:CHR
21676 (C)	21780	Linear Combination	SLS:CHR
21677 (C)	21781	Linear Combination	SLS:CHR
21678 (C)	21782	Linear Combination	SLS:CHR
21679 (C)	21783	Linear Combination	SLS:CHR
21680 (C)	21784	Linear Combination	SLS:CHR
21681 (C)	21785	Linear Combination	SLS:CHR
21682 (C)	21786	Linear Combination	SLS:CHR
21683 (C)	21787	Linear Combination	SLS:CHR
21684 (C)	21788	Linear Combination	SLS:CHR
21685 (C)	21789	Linear Combination	SLS:CHR
21686 (C)	21790	Linear Combination	SLS:CHR
21687 (C)	21791	Linear Combination	SLS:CHR
21688 (C)	21792	Linear Combination	SLS:CHR
21689 (C)	21793	Linear Combination	SLS:CHR
21690 (C)	21794	Linear Combination	SLS:CHR
21691 (C)	21795	Linear Combination	SLS:CHR
21692 (C)	21796	Linear Combination	SLS:CHR
21693 (C)	21797	Linear Combination	SLS:CHR
21694 (C)	21798	Linear Combination	SLS:CHR
21695 (C)	21799	Linear Combination	SLS:CHR
21696 (C)	21800	Linear Combination	SLS:CHR
21697 (C)	21801	Linear Combination	SLS:CHR
21698 (C)	21802	Linear Combination	SLS:CHR
21699 (C)	21803	Linear Combination	SLS:CHR
21700 (C)	21804	Linear Combination	SLS:CHR
21701 (C)	21805	Linear Combination	SLS:CHR
21702 (C)	21806	Linear Combination	SLS:CHR
21703 (C)	21807	Linear Combination	SLS:CHR
21704 (C)	21808	Linear Combination	SLS:CHR
21705 (C)	21809	Linear Combination	SLS:CHR
21706 (C)	21810	Linear Combination	SLS:CHR
21707 (C)	21811	Linear Combination	SLS:CHR
21708 (C)	21812	Linear Combination	SLS:CHR
21709 (C)	21813	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21710 (C)	21814	Linear Combination	SLS:CHR
21711 (C)	21815	Linear Combination	SLS:CHR
21712 (C)	21816	Linear Combination	SLS:CHR
21713 (C)	21817	Linear Combination	SLS:CHR
21714 (C)	21818	Linear Combination	SLS:CHR
21715 (C)	21819	Linear Combination	SLS:CHR
21716 (C)	21820	Linear Combination	SLS:CHR
21717 (C)	21821	Linear Combination	SLS:CHR
21718 (C)	21822	Linear Combination	SLS:CHR
21719 (C)	21823	Linear Combination	SLS:CHR
21720 (C)	21824	Linear Combination	SLS:CHR
21721 (C)	21825	Linear Combination	SLS:CHR
21722 (C)	21826	Linear Combination	SLS:CHR
21723 (C)	21827	Linear Combination	SLS:CHR
21724 (C)	21828	Linear Combination	SLS:CHR
21725 (C)	21829	Linear Combination	SLS:CHR
21726 (C)	21830	Linear Combination	SLS:CHR
21727 (C)	21831	Linear Combination	SLS:CHR
21728 (C)	21832	Linear Combination	SLS:CHR
21729 (C)	21833	Linear Combination	SLS:CHR
21730 (C)	21834	Linear Combination	SLS:CHR
21731 (C)	21835	Linear Combination	SLS:CHR
21732 (C)	21836	Linear Combination	SLS:CHR
21733 (C)	21837	Linear Combination	SLS:CHR
21734 (C)	21838	Linear Combination	SLS:CHR
21735 (C)	21839	Linear Combination	SLS:CHR
21736 (C)	21840	Linear Combination	SLS:CHR
21737 (C)	21841	Linear Combination	SLS:CHR
21738 (C)	21842	Linear Combination	SLS:CHR
21739 (C)	21843	Linear Combination	SLS:CHR
21740 (C)	21844	Linear Combination	SLS:CHR
21741 (C)	21845	Linear Combination	SLS:CHR
21742 (C)	21846	Linear Combination	SLS:CHR
21743 (C)	21847	Linear Combination	SLS:CHR
21744 (C)	21848	Linear Combination	SLS:CHR
21745 (C)	21849	Linear Combination	SLS:CHR
21746 (C)	21850	Linear Combination	SLS:CHR
21747 (C)	21851	Linear Combination	SLS:CHR
21748 (C)	21852	Linear Combination	SLS:CHR
21749 (C)	21853	Linear Combination	SLS:CHR
21750 (C)	21854	Linear Combination	SLS:CHR
21751 (C)	21855	Linear Combination	SLS:CHR
21752 (C)	21856	Linear Combination	SLS:CHR
21753 (C)	21857	Linear Combination	SLS:CHR
21754 (C)	21858	Linear Combination	SLS:CHR
21755 (C)	21859	Linear Combination	SLS:CHR
21756 (C)	21860	Linear Combination	SLS:CHR
21757 (C)	21861	Linear Combination	SLS:CHR
21758 (C)	21862	Linear Combination	SLS:CHR
21759 (C)	21863	Linear Combination	SLS:CHR
21760 (C)	21864	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21761 (C)	21865	Linear Combination	SLS:CHR
21762 (C)	21866	Linear Combination	SLS:CHR
21763 (C)	21867	Linear Combination	SLS:CHR
21764 (C)	21868	Linear Combination	SLS:CHR
21765 (C)	21869	Linear Combination	SLS:CHR
21766 (C)	21870	Linear Combination	SLS:CHR
21767 (C)	21871	Linear Combination	SLS:CHR
21768 (C)	21872	Linear Combination	SLS:CHR
21769 (C)	21873	Linear Combination	SLS:CHR
21770 (C)	21874	Linear Combination	SLS:CHR
21771 (C)	21875	Linear Combination	SLS:CHR
21772 (C)	21876	Linear Combination	SLS:CHR
21773 (C)	21877	Linear Combination	SLS:CHR
21774 (C)	21878	Linear Combination	SLS:CHR
21775 (C)	21879	Linear Combination	SLS:CHR
21776 (C)	21880	Linear Combination	SLS:CHR
21777 (C)	21881	Linear Combination	SLS:CHR
21778 (C)	21882	Linear Combination	SLS:CHR
21779 (C)	21883	Linear Combination	SLS:CHR
21780 (C)	21884	Linear Combination	SLS:CHR
21781 (C)	21885	Linear Combination	SLS:CHR
21782 (C)	21886	Linear Combination	SLS:CHR
21783 (C)	21887	Linear Combination	SLS:CHR
21784 (C)	21888	Linear Combination	SLS:CHR
21785 (C)	21889	Linear Combination	SLS:CHR
21786 (C)	21890	Linear Combination	SLS:CHR
21787 (C)	21891	Linear Combination	SLS:CHR
21788 (C)	21892	Linear Combination	SLS:CHR
21789 (C)	21893	Linear Combination	SLS:CHR
21790 (C)	21894	Linear Combination	SLS:CHR
21791 (C)	21895	Linear Combination	SLS:CHR
21792 (C)	21896	Linear Combination	SLS:CHR
21793 (C)	21897	Linear Combination	SLS:CHR
21794 (C)	21898	Linear Combination	SLS:CHR
21795 (C)	21899	Linear Combination	SLS:CHR
21796 (C)	21900	Linear Combination	SLS:CHR
21797 (C)	21901	Linear Combination	SLS:CHR
21798 (C)	21902	Linear Combination	SLS:CHR
21799 (C)	21903	Linear Combination	SLS:CHR
21800 (C)	21904	Linear Combination	SLS:CHR
21801 (C)	21905	Linear Combination	SLS:CHR
21802 (C)	21906	Linear Combination	SLS:CHR
21803 (C)	21907	Linear Combination	SLS:CHR
21804 (C)	21908	Linear Combination	SLS:CHR
21805 (C)	21909	Linear Combination	SLS:CHR
21806 (C)	21910	Linear Combination	SLS:CHR
21807 (C)	21911	Linear Combination	SLS:CHR
21808 (C)	21912	Linear Combination	SLS:CHR
21809 (C)	21913	Linear Combination	SLS:CHR
21810 (C)	21914	Linear Combination	SLS:CHR
21811 (C)	21915	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21812 (C)	21916	Linear Combination	SLS:CHR
21813 (C)	21917	Linear Combination	SLS:CHR
21814 (C)	21918	Linear Combination	SLS:CHR
21815 (C)	21919	Linear Combination	SLS:CHR
21816 (C)	21920	Linear Combination	SLS:CHR
21817 (C)	21921	Linear Combination	SLS:CHR
21818 (C)	21922	Linear Combination	SLS:CHR
21819 (C)	21923	Linear Combination	SLS:CHR
21820 (C)	21924	Linear Combination	SLS:CHR
21821 (C)	21925	Linear Combination	SLS:CHR
21822 (C)	21926	Linear Combination	SLS:CHR
21823 (C)	21927	Linear Combination	SLS:CHR
21824 (C)	21928	Linear Combination	SLS:CHR
21825 (C)	21929	Linear Combination	SLS:CHR
21826 (C)	21930	Linear Combination	SLS:CHR
21827 (C)	21931	Linear Combination	SLS:CHR
21828 (C)	21932	Linear Combination	SLS:CHR
21829 (C)	21933	Linear Combination	SLS:CHR
21830 (C)	21934	Linear Combination	SLS:CHR
21831 (C)	21935	Linear Combination	SLS:CHR
21832 (C)	21936	Linear Combination	SLS:CHR
21833 (C)	21937	Linear Combination	SLS:CHR
21834 (C)	21938	Linear Combination	SLS:CHR
21835 (C)	21939	Linear Combination	SLS:CHR
21836 (C)	21940	Linear Combination	SLS:CHR
21837 (C)	21941	Linear Combination	SLS:CHR
21838 (C)	21942	Linear Combination	SLS:CHR
21839 (C)	21943	Linear Combination	SLS:CHR
21840 (C)	21944	Linear Combination	SLS:CHR
21841 (C)	21945	Linear Combination	SLS:CHR
21842 (C)	21946	Linear Combination	SLS:CHR
21843 (C)	21947	Linear Combination	SLS:CHR
21844 (C)	21948	Linear Combination	SLS:CHR
21845 (C)	21949	Linear Combination	SLS:CHR
21846 (C)	21950	Linear Combination	SLS:CHR
21847 (C)	21951	Linear Combination	SLS:CHR
21848 (C)	21952	Linear Combination	SLS:CHR
21849 (C)	21953	Linear Combination	SLS:CHR
21850 (C)	21954	Linear Combination	SLS:CHR
21851 (C)	21955	Linear Combination	SLS:CHR
21852 (C)	21956	Linear Combination	SLS:CHR
21853 (C)	21957	Linear Combination	SLS:CHR
21854 (C)	21958	Linear Combination	SLS:CHR
21855 (C)	21959	Linear Combination	SLS:CHR
21856 (C)	21960	Linear Combination	SLS:CHR
21857 (C)	21961	Linear Combination	SLS:CHR
21858 (C)	21962	Linear Combination	SLS:CHR
21859 (C)	21963	Linear Combination	SLS:CHR
21860 (C)	21964	Linear Combination	SLS:CHR
21861 (C)	21965	Linear Combination	SLS:CHR
21862 (C)	21966	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21863 (C)	21967	Linear Combination	SLS:CHR
21864 (C)	21968	Linear Combination	SLS:CHR
21865 (C)	21969	Linear Combination	SLS:CHR
21866 (C)	21970	Linear Combination	SLS:CHR
21867 (C)	21971	Linear Combination	SLS:CHR
21868 (C)	21972	Linear Combination	SLS:CHR
21869 (C)	21973	Linear Combination	SLS:CHR
21870 (C)	21974	Linear Combination	SLS:CHR
21871 (C)	21975	Linear Combination	SLS:CHR
21872 (C)	21976	Linear Combination	SLS:CHR
21873 (C)	21977	Linear Combination	SLS:CHR
21874 (C)	21978	Linear Combination	SLS:CHR
21875 (C)	21979	Linear Combination	SLS:CHR
21876 (C)	21980	Linear Combination	SLS:CHR
21877 (C)	21981	Linear Combination	SLS:CHR
21878 (C)	21982	Linear Combination	SLS:CHR
21879 (C)	21983	Linear Combination	SLS:CHR
21880 (C)	21984	Linear Combination	SLS:CHR
21881 (C)	21985	Linear Combination	SLS:CHR
21882 (C)	21986	Linear Combination	SLS:CHR
21883 (C)	21987	Linear Combination	SLS:CHR
21884 (C)	21988	Linear Combination	SLS:CHR
21885 (C)	21989	Linear Combination	SLS:CHR
21886 (C)	21990	Linear Combination	SLS:CHR
21887 (C)	21991	Linear Combination	SLS:CHR
21888 (C)	21992	Linear Combination	SLS:CHR
21889 (C)	21993	Linear Combination	SLS:CHR
21890 (C)	21994	Linear Combination	SLS:CHR
21891 (C)	21995	Linear Combination	SLS:CHR
21892 (C)	21996	Linear Combination	SLS:CHR
21893 (C)	21997	Linear Combination	SLS:CHR
21894 (C)	21998	Linear Combination	SLS:CHR
21895 (C)	21999	Linear Combination	SLS:CHR
21896 (C)	22000	Linear Combination	SLS:CHR
21897 (C)	22001	Linear Combination	SLS:CHR
21898 (C)	22002	Linear Combination	SLS:CHR
21899 (C)	22003	Linear Combination	SLS:CHR
21900 (C)	22004	Linear Combination	SLS:CHR
21901 (C)	22005	Linear Combination	SLS:CHR
21902 (C)	22006	Linear Combination	SLS:CHR
21903 (C)	22007	Linear Combination	SLS:CHR
21904 (C)	22008	Linear Combination	SLS:CHR
21905 (C)	22009	Linear Combination	SLS:CHR
21906 (C)	22010	Linear Combination	SLS:CHR
21907 (C)	22011	Linear Combination	SLS:CHR
21908 (C)	22012	Linear Combination	SLS:CHR
21909 (C)	22013	Linear Combination	SLS:CHR
21910 (C)	22014	Linear Combination	SLS:CHR
21911 (C)	22015	Linear Combination	SLS:CHR
21912 (C)	22016	Linear Combination	SLS:CHR
21913 (C)	22017	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21914 (C)	22018	Linear Combination	SLS:CHR
21915 (C)	22019	Linear Combination	SLS:CHR
21916 (C)	22020	Linear Combination	SLS:CHR
21917 (C)	22021	Linear Combination	SLS:CHR
21918 (C)	22022	Linear Combination	SLS:CHR
21919 (C)	22023	Linear Combination	SLS:CHR
21920 (C)	22024	Linear Combination	SLS:CHR
21921 (C)	22025	Linear Combination	SLS:CHR
21922 (C)	22026	Linear Combination	SLS:CHR
21923 (C)	22027	Linear Combination	SLS:CHR
21924 (C)	22028	Linear Combination	SLS:CHR
21925 (C)	22029	Linear Combination	SLS:CHR
21926 (C)	22030	Linear Combination	SLS:CHR
21927 (C)	22031	Linear Combination	SLS:CHR
21928 (C)	22032	Linear Combination	SLS:CHR
21929 (C)	22033	Linear Combination	SLS:CHR
21930 (C)	22034	Linear Combination	SLS:CHR
21931 (C)	22035	Linear Combination	SLS:CHR
21932 (C)	22036	Linear Combination	SLS:CHR
21933 (C)	22037	Linear Combination	SLS:CHR
21934 (C)	22038	Linear Combination	SLS:CHR
21935 (C)	22039	Linear Combination	SLS:CHR
21936 (C)	22040	Linear Combination	SLS:CHR
21937 (C)	22041	Linear Combination	SLS:CHR
21938 (C)	22042	Linear Combination	SLS:CHR
21939 (C)	22043	Linear Combination	SLS:CHR
21940 (C)	22044	Linear Combination	SLS:CHR
21941 (C)	22045	Linear Combination	SLS:CHR
21942 (C)	22046	Linear Combination	SLS:CHR
21943 (C)	22047	Linear Combination	SLS:CHR
21944 (C)	22048	Linear Combination	SLS:CHR
21945 (C)	22049	Linear Combination	SLS:CHR
21946 (C)	22050	Linear Combination	SLS:CHR
21947 (C)	22051	Linear Combination	SLS:CHR
21948 (C)	22052	Linear Combination	SLS:CHR
21949 (C)	22053	Linear Combination	SLS:CHR
21950 (C)	22054	Linear Combination	SLS:CHR
21951 (C)	22055	Linear Combination	SLS:CHR
21952 (C)	22056	Linear Combination	SLS:CHR
21953 (C)	22057	Linear Combination	SLS:CHR
21954 (C)	22058	Linear Combination	SLS:CHR
21955 (C)	22059	Linear Combination	SLS:CHR
21956 (C)	22060	Linear Combination	SLS:CHR
21957 (C)	22061	Linear Combination	SLS:CHR
21958 (C)	22062	Linear Combination	SLS:CHR
21959 (C)	22063	Linear Combination	SLS:CHR
21960 (C)	22064	Linear Combination	SLS:CHR
21961 (C)	22065	Linear Combination	SLS:CHR
21962 (C)	22066	Linear Combination	SLS:CHR
21963 (C)	22067	Linear Combination	SLS:CHR
21964 (C)	22068	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
21965 (C)	22069	Linear Combination	SLS:CHR
21966 (C)	22070	Linear Combination	SLS:CHR
21967 (C)	22071	Linear Combination	SLS:CHR
21968 (C)	22072	Linear Combination	SLS:CHR
21969 (C)	22073	Linear Combination	SLS:CHR
21970 (C)	22074	Linear Combination	SLS:CHR
21971 (C)	22075	Linear Combination	SLS:CHR
21972 (C)	22076	Linear Combination	SLS:CHR
21973 (C)	22077	Linear Combination	SLS:CHR
21974 (C)	22078	Linear Combination	SLS:CHR
21975 (C)	22079	Linear Combination	SLS:CHR
21976 (C)	22080	Linear Combination	SLS:CHR
21977 (C)	22081	Linear Combination	SLS:CHR
21978 (C)	22082	Linear Combination	SLS:CHR
21979 (C)	22083	Linear Combination	SLS:CHR
21980 (C)	22084	Linear Combination	SLS:CHR
21981 (C)	22085	Linear Combination	SLS:CHR
21982 (C)	22086	Linear Combination	SLS:CHR
21983 (C)	22087	Linear Combination	SLS:CHR
21984 (C)	22088	Linear Combination	SLS:CHR
21985 (C)	22089	Linear Combination	SLS:CHR
21986 (C)	22090	Linear Combination	SLS:CHR
21987 (C)	22091	Linear Combination	SLS:CHR
21988 (C)	22092	Linear Combination	SLS:CHR
21989 (C)	22093	Linear Combination	SLS:CHR
21990 (C)	22094	Linear Combination	SLS:CHR
21991 (C)	22095	Linear Combination	SLS:CHR
21992 (C)	22096	Linear Combination	SLS:CHR
21993 (C)	22097	Linear Combination	SLS:CHR
21994 (C)	22098	Linear Combination	SLS:CHR
21995 (C)	22099	Linear Combination	SLS:CHR
21996 (C)	22100	Linear Combination	SLS:CHR
21997 (C)	22101	Linear Combination	SLS:CHR
21998 (C)	22102	Linear Combination	SLS:CHR
21999 (C)	22103	Linear Combination	SLS:CHR
22000 (C)	22104	Linear Combination	SLS:CHR
22001 (C)	22105	Linear Combination	SLS:CHR
22002 (C)	22106	Linear Combination	SLS:CHR
22003 (C)	22107	Linear Combination	SLS:CHR
22004 (C)	22108	Linear Combination	SLS:CHR
22005 (C)	22109	Linear Combination	SLS:CHR
22006 (C)	22110	Linear Combination	SLS:CHR
22007 (C)	22111	Linear Combination	SLS:CHR
22008 (C)	22112	Linear Combination	SLS:CHR
22009 (C)	22113	Linear Combination	SLS:CHR
22010 (C)	22114	Linear Combination	SLS:CHR
22011 (C)	22115	Linear Combination	SLS:CHR
22012 (C)	22116	Linear Combination	SLS:CHR
22013 (C)	22117	Linear Combination	SLS:CHR
22014 (C)	22118	Linear Combination	SLS:CHR
22015 (C)	22119	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22016 (C)	22120	Linear Combination	SLS:CHR
22017 (C)	22121	Linear Combination	SLS:CHR
22018 (C)	22122	Linear Combination	SLS:CHR
22019 (C)	22123	Linear Combination	SLS:CHR
22020 (C)	22124	Linear Combination	SLS:CHR
22021 (C)	22125	Linear Combination	SLS:CHR
22022 (C)	22126	Linear Combination	SLS:CHR
22023 (C)	22127	Linear Combination	SLS:CHR
22024 (C)	22128	Linear Combination	SLS:CHR
22025 (C)	22129	Linear Combination	SLS:CHR
22026 (C)	22130	Linear Combination	SLS:CHR
22027 (C)	22131	Linear Combination	SLS:CHR
22028 (C)	22132	Linear Combination	SLS:CHR
22029 (C)	22133	Linear Combination	SLS:CHR
22030 (C)	22134	Linear Combination	SLS:CHR
22031 (C)	22135	Linear Combination	SLS:CHR
22032 (C)	22136	Linear Combination	SLS:CHR
22033 (C)	22137	Linear Combination	SLS:CHR
22034 (C)	22138	Linear Combination	SLS:CHR
22035 (C)	22139	Linear Combination	SLS:CHR
22036 (C)	22140	Linear Combination	SLS:CHR
22037 (C)	22141	Linear Combination	SLS:CHR
22038 (C)	22142	Linear Combination	SLS:CHR
22039 (C)	22143	Linear Combination	SLS:CHR
22040 (C)	22144	Linear Combination	SLS:CHR
22041 (C)	22145	Linear Combination	SLS:CHR
22042 (C)	22146	Linear Combination	SLS:CHR
22043 (C)	22147	Linear Combination	SLS:CHR
22044 (C)	22148	Linear Combination	SLS:CHR
22045 (C)	22149	Linear Combination	SLS:CHR
22046 (C)	22150	Linear Combination	SLS:CHR
22047 (C)	22151	Linear Combination	SLS:CHR
22048 (C)	22152	Linear Combination	SLS:CHR
22049 (C)	22153	Linear Combination	SLS:CHR
22050 (C)	22154	Linear Combination	SLS:CHR
22051 (C)	22155	Linear Combination	SLS:CHR
22052 (C)	22156	Linear Combination	SLS:CHR
22053 (C)	22157	Linear Combination	SLS:CHR
22054 (C)	22158	Linear Combination	SLS:CHR
22055 (C)	22159	Linear Combination	SLS:CHR
22056 (C)	22160	Linear Combination	SLS:CHR
22057 (C)	22161	Linear Combination	SLS:CHR
22058 (C)	22162	Linear Combination	SLS:CHR
22059 (C)	22163	Linear Combination	SLS:CHR
22060 (C)	22164	Linear Combination	SLS:CHR
22061 (C)	22165	Linear Combination	SLS:CHR
22062 (C)	22166	Linear Combination	SLS:CHR
22063 (C)	22167	Linear Combination	SLS:CHR
22064 (C)	22168	Linear Combination	SLS:CHR
22065 (C)	22169	Linear Combination	SLS:CHR
22066 (C)	22170	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22067 (C)	22171	Linear Combination	SLS:CHR
22068 (C)	22172	Linear Combination	SLS:CHR
22069 (C)	22173	Linear Combination	SLS:CHR
22070 (C)	22174	Linear Combination	SLS:CHR
22071 (C)	22175	Linear Combination	SLS:CHR
22072 (C)	22176	Linear Combination	SLS:CHR
22073 (C)	22177	Linear Combination	SLS:CHR
22074 (C)	22178	Linear Combination	SLS:CHR
22075 (C)	22179	Linear Combination	SLS:CHR
22076 (C)	22180	Linear Combination	SLS:CHR
22077 (C)	22181	Linear Combination	SLS:CHR
22078 (C)	22182	Linear Combination	SLS:CHR
22079 (C)	22183	Linear Combination	SLS:CHR
22080 (C)	22184	Linear Combination	SLS:CHR
22081 (C)	22185	Linear Combination	SLS:CHR
22082 (C)	22186	Linear Combination	SLS:CHR
22083 (C)	22187	Linear Combination	SLS:CHR
22084 (C)	22188	Linear Combination	SLS:CHR
22085 (C)	22189	Linear Combination	SLS:CHR
22086 (C)	22190	Linear Combination	SLS:CHR
22087 (C)	22191	Linear Combination	SLS:CHR
22088 (C)	22192	Linear Combination	SLS:CHR
22089 (C)	22193	Linear Combination	SLS:CHR
22090 (C)	22194	Linear Combination	SLS:CHR
22091 (C)	22195	Linear Combination	SLS:CHR
22092 (C)	22196	Linear Combination	SLS:CHR
22093 (C)	22197	Linear Combination	SLS:CHR
22094 (C)	22198	Linear Combination	SLS:CHR
22095 (C)	22199	Linear Combination	SLS:CHR
22096 (C)	22200	Linear Combination	SLS:CHR
22097 (C)	22201	Linear Combination	SLS:CHR
22098 (C)	22202	Linear Combination	SLS:CHR
22099 (C)	22203	Linear Combination	SLS:CHR
22100 (C)	22204	Linear Combination	SLS:CHR
22101 (C)	22205	Linear Combination	SLS:CHR
22102 (C)	22206	Linear Combination	SLS:CHR
22103 (C)	22207	Linear Combination	SLS:CHR
22104 (C)	22208	Linear Combination	SLS:CHR
22105 (C)	22209	Linear Combination	SLS:CHR
22106 (C)	22210	Linear Combination	SLS:CHR
22107 (C)	22211	Linear Combination	SLS:CHR
22108 (C)	22212	Linear Combination	SLS:CHR
22109 (C)	22213	Linear Combination	SLS:CHR
22110 (C)	22214	Linear Combination	SLS:CHR
22111 (C)	22215	Linear Combination	SLS:CHR
22112 (C)	22216	Linear Combination	SLS:CHR
22113 (C)	22217	Linear Combination	SLS:CHR
22114 (C)	22218	Linear Combination	SLS:CHR
22115 (C)	22219	Linear Combination	SLS:CHR
22116 (C)	22220	Linear Combination	SLS:CHR
22117 (C)	22221	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22118 (C)	22222	Linear Combination	SLS:CHR
22119 (C)	22223	Linear Combination	SLS:CHR
22120 (C)	22224	Linear Combination	SLS:CHR
22121 (C)	22225	Linear Combination	SLS:CHR
22122 (C)	22226	Linear Combination	SLS:CHR
22123 (C)	22227	Linear Combination	SLS:CHR
22124 (C)	22228	Linear Combination	SLS:CHR
22125 (C)	22229	Linear Combination	SLS:CHR
22126 (C)	22230	Linear Combination	SLS:CHR
22127 (C)	22231	Linear Combination	SLS:CHR
22128 (C)	22232	Linear Combination	SLS:CHR
22129 (C)	22233	Linear Combination	SLS:CHR
22130 (C)	22234	Linear Combination	SLS:CHR
22131 (C)	22235	Linear Combination	SLS:CHR
22132 (C)	22236	Linear Combination	SLS:CHR
22133 (C)	22237	Linear Combination	SLS:CHR
22134 (C)	22238	Linear Combination	SLS:CHR
22135 (C)	22239	Linear Combination	SLS:CHR
22136 (C)	22240	Linear Combination	SLS:CHR
22137 (C)	22241	Linear Combination	SLS:CHR
22138 (C)	22242	Linear Combination	SLS:CHR
22139 (C)	22243	Linear Combination	SLS:CHR
22140 (C)	22244	Linear Combination	SLS:CHR
22141 (C)	22245	Linear Combination	SLS:CHR
22142 (C)	22246	Linear Combination	SLS:CHR
22143 (C)	22247	Linear Combination	SLS:CHR
22144 (C)	22248	Linear Combination	SLS:CHR
22145 (C)	22249	Linear Combination	SLS:CHR
22146 (C)	22250	Linear Combination	SLS:CHR
22147 (C)	22251	Linear Combination	SLS:CHR
22148 (C)	22252	Linear Combination	SLS:CHR
22149 (C)	22253	Linear Combination	SLS:CHR
22150 (C)	22254	Linear Combination	SLS:CHR
22151 (C)	22255	Linear Combination	SLS:CHR
22152 (C)	22256	Linear Combination	SLS:CHR
22153 (C)	22257	Linear Combination	SLS:CHR
22154 (C)	22258	Linear Combination	SLS:CHR
22155 (C)	22259	Linear Combination	SLS:CHR
22156 (C)	22260	Linear Combination	SLS:CHR
22157 (C)	22261	Linear Combination	SLS:CHR
22158 (C)	22262	Linear Combination	SLS:CHR
22159 (C)	22263	Linear Combination	SLS:CHR
22160 (C)	22264	Linear Combination	SLS:CHR
22161 (C)	22265	Linear Combination	SLS:CHR
22162 (C)	22266	Linear Combination	SLS:CHR
22163 (C)	22267	Linear Combination	SLS:CHR
22164 (C)	22268	Linear Combination	SLS:CHR
22165 (C)	22269	Linear Combination	SLS:CHR
22166 (C)	22270	Linear Combination	SLS:CHR
22167 (C)	22271	Linear Combination	SLS:CHR
22168 (C)	22272	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22169 (C)	22273	Linear Combination	SLS:CHR
22170 (C)	22274	Linear Combination	SLS:CHR
22171 (C)	22275	Linear Combination	SLS:CHR
22172 (C)	22276	Linear Combination	SLS:CHR
22173 (C)	22277	Linear Combination	SLS:CHR
22174 (C)	22278	Linear Combination	SLS:CHR
22175 (C)	22279	Linear Combination	SLS:CHR
22176 (C)	22280	Linear Combination	SLS:CHR
22177 (C)	22281	Linear Combination	SLS:CHR
22178 (C)	22282	Linear Combination	SLS:CHR
22179 (C)	22283	Linear Combination	SLS:CHR
22180 (C)	22284	Linear Combination	SLS:CHR
22181 (C)	22285	Linear Combination	SLS:CHR
22182 (C)	22286	Linear Combination	SLS:CHR
22183 (C)	22287	Linear Combination	SLS:CHR
22184 (C)	22288	Linear Combination	SLS:CHR
22185 (C)	22289	Linear Combination	SLS:CHR
22186 (C)	22290	Linear Combination	SLS:CHR
22187 (C)	22291	Linear Combination	SLS:CHR
22188 (C)	22292	Linear Combination	SLS:CHR
22189 (C)	22293	Linear Combination	SLS:CHR
22190 (C)	22294	Linear Combination	SLS:CHR
22191 (C)	22295	Linear Combination	SLS:CHR
22192 (C)	22296	Linear Combination	SLS:CHR
22193 (C)	22297	Linear Combination	SLS:CHR
22194 (C)	22298	Linear Combination	SLS:CHR
22195 (C)	22299	Linear Combination	SLS:CHR
22196 (C)	22300	Linear Combination	SLS:CHR
22197 (C)	22301	Linear Combination	SLS:CHR
22198 (C)	22302	Linear Combination	SLS:CHR
22199 (C)	22303	Linear Combination	SLS:CHR
22200 (C)	22304	Linear Combination	SLS:CHR
22201 (C)	22305	Linear Combination	SLS:CHR
22202 (C)	22306	Linear Combination	SLS:CHR
22203 (C)	22307	Linear Combination	SLS:CHR
22204 (C)	22308	Linear Combination	SLS:CHR
22205 (C)	22309	Linear Combination	SLS:CHR
22206 (C)	22310	Linear Combination	SLS:CHR
22207 (C)	22311	Linear Combination	SLS:CHR
22208 (C)	22312	Linear Combination	SLS:CHR
22209 (C)	22313	Linear Combination	SLS:CHR
22210 (C)	22314	Linear Combination	SLS:CHR
22211 (C)	22315	Linear Combination	SLS:CHR
22212 (C)	22316	Linear Combination	SLS:CHR
22213 (C)	22317	Linear Combination	SLS:CHR
22214 (C)	22318	Linear Combination	SLS:CHR
22215 (C)	22319	Linear Combination	SLS:CHR
22216 (C)	22320	Linear Combination	SLS:CHR
22217 (C)	22321	Linear Combination	SLS:CHR
22218 (C)	22322	Linear Combination	SLS:CHR
22219 (C)	22323	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22220 (C)	22324	Linear Combination	SLS:CHR
22221 (C)	22325	Linear Combination	SLS:CHR
22222 (C)	22326	Linear Combination	SLS:CHR
22223 (C)	22327	Linear Combination	SLS:CHR
22224 (C)	22328	Linear Combination	SLS:CHR
22225 (C)	22329	Linear Combination	SLS:CHR
22226 (C)	22330	Linear Combination	SLS:CHR
22227 (C)	22331	Linear Combination	SLS:CHR
22228 (C)	22332	Linear Combination	SLS:CHR
22229 (C)	22333	Linear Combination	SLS:CHR
22230 (C)	22334	Linear Combination	SLS:CHR
22231 (C)	22335	Linear Combination	SLS:CHR
22232 (C)	22336	Linear Combination	SLS:CHR
22233 (C)	22337	Linear Combination	SLS:CHR
22234 (C)	22338	Linear Combination	SLS:CHR
22235 (C)	22339	Linear Combination	SLS:CHR
22236 (C)	22340	Linear Combination	SLS:CHR
22237 (C)	22341	Linear Combination	SLS:CHR
22238 (C)	22342	Linear Combination	SLS:CHR
22239 (C)	22343	Linear Combination	SLS:CHR
22240 (C)	22344	Linear Combination	SLS:CHR
22241 (C)	22345	Linear Combination	SLS:CHR
22242 (C)	22346	Linear Combination	SLS:CHR
22243 (C)	22347	Linear Combination	SLS:CHR
22244 (C)	22348	Linear Combination	SLS:CHR
22245 (C)	22349	Linear Combination	SLS:CHR
22246 (C)	22350	Linear Combination	SLS:CHR
22247 (C)	22351	Linear Combination	SLS:CHR
22248 (C)	22352	Linear Combination	SLS:CHR
22249 (C)	22353	Linear Combination	SLS:CHR
22250 (C)	22354	Linear Combination	SLS:CHR
22251 (C)	22355	Linear Combination	SLS:CHR
22252 (C)	22356	Linear Combination	SLS:CHR
22253 (C)	22357	Linear Combination	SLS:CHR
22254 (C)	22358	Linear Combination	SLS:CHR
22255 (C)	22359	Linear Combination	SLS:CHR
22256 (C)	22360	Linear Combination	SLS:CHR
22257 (C)	22361	Linear Combination	SLS:CHR
22258 (C)	22362	Linear Combination	SLS:CHR
22259 (C)	22363	Linear Combination	SLS:CHR
22260 (C)	22364	Linear Combination	SLS:CHR
22261 (C)	22365	Linear Combination	SLS:CHR
22262 (C)	22366	Linear Combination	SLS:CHR
22263 (C)	22367	Linear Combination	SLS:CHR
22264 (C)	22368	Linear Combination	SLS:CHR
22265 (C)	22369	Linear Combination	SLS:CHR
22266 (C)	22370	Linear Combination	SLS:CHR
22267 (C)	22371	Linear Combination	SLS:CHR
22268 (C)	22372	Linear Combination	SLS:CHR
22269 (C)	22373	Linear Combination	SLS:CHR
22270 (C)	22374	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22271 (C)	22375	Linear Combination	SLS:CHR
22272 (C)	22376	Linear Combination	SLS:CHR
22273 (C)	22377	Linear Combination	SLS:CHR
22274 (C)	22378	Linear Combination	SLS:CHR
22275 (C)	22379	Linear Combination	SLS:CHR
22276 (C)	22380	Linear Combination	SLS:CHR
22277 (C)	22381	Linear Combination	SLS:CHR
22278 (C)	22382	Linear Combination	SLS:CHR
22279 (C)	22383	Linear Combination	SLS:CHR
22280 (C)	22384	Linear Combination	SLS:CHR
22281 (C)	22385	Linear Combination	SLS:CHR
22282 (C)	22386	Linear Combination	SLS:CHR
22283 (C)	22387	Linear Combination	SLS:CHR
22284 (C)	22388	Linear Combination	SLS:CHR
22285 (C)	22389	Linear Combination	SLS:CHR
22286 (C)	22390	Linear Combination	SLS:CHR
22287 (C)	22391	Linear Combination	SLS:CHR
22288 (C)	22392	Linear Combination	SLS:CHR
22289 (C)	22393	Linear Combination	SLS:CHR
22290 (C)	22394	Linear Combination	SLS:CHR
22291 (C)	22395	Linear Combination	SLS:CHR
22292 (C)	22396	Linear Combination	SLS:CHR
22293 (C)	22397	Linear Combination	SLS:CHR
22294 (C)	22398	Linear Combination	SLS:CHR
22295 (C)	22399	Linear Combination	SLS:CHR
22296 (C)	22400	Linear Combination	SLS:CHR
22297 (C)	22401	Linear Combination	SLS:CHR
22298 (C)	22402	Linear Combination	SLS:CHR
22299 (C)	22403	Linear Combination	SLS:CHR
22300 (C)	22404	Linear Combination	SLS:CHR
22301 (C)	22405	Linear Combination	SLS:CHR
22302 (C)	22406	Linear Combination	SLS:CHR
22303 (C)	22407	Linear Combination	SLS:CHR
22304 (C)	22408	Linear Combination	SLS:CHR
22305 (C)	22409	Linear Combination	SLS:CHR
22306 (C)	22410	Linear Combination	SLS:CHR
22307 (C)	22411	Linear Combination	SLS:CHR
22308 (C)	22412	Linear Combination	SLS:CHR
22309 (C)	22413	Linear Combination	SLS:CHR
22310 (C)	22414	Linear Combination	SLS:CHR
22311 (C)	22415	Linear Combination	SLS:CHR
22312 (C)	22416	Linear Combination	SLS:CHR
22313 (C)	22417	Linear Combination	SLS:CHR
22314 (C)	22418	Linear Combination	SLS:CHR
22315 (C)	22419	Linear Combination	SLS:CHR
22316 (C)	22420	Linear Combination	SLS:CHR
22317 (C)	22421	Linear Combination	SLS:CHR
22318 (C)	22422	Linear Combination	SLS:CHR
22319 (C)	22423	Linear Combination	SLS:CHR
22320 (C)	22424	Linear Combination	SLS:CHR
22321 (C)	22425	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
22322 (C)	22426	Linear Combination	SLS:CHR
22323 (C)	22427	Linear Combination	SLS:CHR
22324 (C)	22428	Linear Combination	SLS:CHR
22325 (C)	22429	Linear Combination	SLS:CHR
22326 (C)	22430	Linear Combination	SLS:CHR
22327 (C)	22431	Linear Combination	SLS:CHR
22328 (C)	22432	Linear Combination	SLS:CHR
22329 (C)	22433	Linear Combination	SLS:CHR
22330 (C)	22434	Linear Combination	SLS:CHR
22331 (C)	22435	Linear Combination	SLS:CHR
22332 (C)	22436	Linear Combination	SLS:CHR
22333 (C)	22437	Linear Combination	SLS:CHR
22334 (C)	22438	Linear Combination	SLS:CHR
22335 (C)	22439	Linear Combination	SLS:CHR
22336 (C)	22440	Linear Combination	SLS:CHR
22337 (C)	22441	Linear Combination	SLS:CHR
22338 (C)	22442	Linear Combination	SLS:CHR
22339 (C)	22443	Linear Combination	SLS:CHR
22340 (C)	22444	Linear Combination	SLS:CHR
22341 (C)	22445	Linear Combination	SLS:CHR
22342 (C)	22446	Linear Combination	SLS:CHR
22343 (C)	22447	Linear Combination	SLS:CHR
22344 (C)	22448	Linear Combination	SLS:CHR
22345 (C)	22449	Linear Combination	SLS:CHR
22346 (C)	22450	Linear Combination	SLS:CHR
22347 (C)	22451	Linear Combination	SLS:CHR
22348 (C)	22452	Linear Combination	SLS:CHR
22349 (C)	22453	Linear Combination	SLS:CHR
22350 (C)	22454	Linear Combination	SLS:CHR
22351 (C)	22455	Linear Combination	SLS:CHR
22352 (C)	22456	Linear Combination	SLS:CHR
22353 (C)	22457	Linear Combination	SLS:CHR
22354 (C)	22458	Linear Combination	SLS:CHR
22355 (C)	22459	Linear Combination	SLS:CHR
22356 (C)	22460	Linear Combination	SLS:CHR
22357 (C)	22461	Linear Combination	SLS:CHR
22358 (C)	22462	Linear Combination	SLS:CHR
22359 (C)	22463	Linear Combination	SLS:CHR
22360 (C)	22464	Linear Combination	SLS:CHR
22361 (C)	22465	Linear Combination	SLS:CHR
22362 (C)	22466	Linear Combination	SLS:CHR
22363 (C)	22467	Linear Combination	SLS:CHR
22364 (C)	22468	Linear Combination	SLS:CHR
22365 (C)	22469	Linear Combination	SLS:CHR
22366 (C)	22470	Linear Combination	SLS:CHR
22367 (C)	22471	Linear Combination	SLS:CHR
22368 (C)	22472	Linear Combination	SLS:CHR
22369 (C)	22473	Linear Combination	SLS:CHR
22370 (C)	22474	Linear Combination	SLS:CHR
22371 (C)	22475	Linear Combination	SLS:CHR
22372 (C)	22476	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22373 (C)	22477	Linear Combination	SLS:CHR
22374 (C)	22478	Linear Combination	SLS:CHR
22375 (C)	22479	Linear Combination	SLS:CHR
22376 (C)	22480	Linear Combination	SLS:CHR
22377 (C)	22481	Linear Combination	SLS:CHR
22378 (C)	22482	Linear Combination	SLS:CHR
22379 (C)	22483	Linear Combination	SLS:CHR
22380 (C)	22484	Linear Combination	SLS:CHR
22381 (C)	22485	Linear Combination	SLS:CHR
22382 (C)	22486	Linear Combination	SLS:CHR
22383 (C)	22487	Linear Combination	SLS:CHR
22384 (C)	22488	Linear Combination	SLS:CHR
22385 (C)	22489	Linear Combination	SLS:CHR
22386 (C)	22490	Linear Combination	SLS:CHR
22387 (C)	22491	Linear Combination	SLS:CHR
22388 (C)	22492	Linear Combination	SLS:CHR
22389 (C)	22493	Linear Combination	SLS:CHR
22390 (C)	22494	Linear Combination	SLS:CHR
22391 (C)	22495	Linear Combination	SLS:CHR
22392 (C)	22496	Linear Combination	SLS:CHR
22393 (C)	22497	Linear Combination	SLS:CHR
22394 (C)	22498	Linear Combination	SLS:CHR
22395 (C)	22499	Linear Combination	SLS:CHR
22396 (C)	22500	Linear Combination	SLS:CHR
22397 (C)	22501	Linear Combination	SLS:CHR
22398 (C)	22502	Linear Combination	SLS:CHR
22399 (C)	22503	Linear Combination	SLS:CHR
22400 (C)	22504	Linear Combination	SLS:CHR
22401 (C)	22505	Linear Combination	SLS:CHR
22402 (C)	22506	Linear Combination	SLS:CHR
22403 (C)	22507	Linear Combination	SLS:CHR
22404 (C)	22508	Linear Combination	SLS:CHR
22405 (C)	22509	Linear Combination	SLS:CHR
22406 (C)	22510	Linear Combination	SLS:CHR
22407 (C)	22511	Linear Combination	SLS:CHR
22408 (C)	22512	Linear Combination	SLS:CHR
22409 (C)	22513	Linear Combination	SLS:CHR
22410 (C)	22514	Linear Combination	SLS:CHR
22411 (C)	22515	Linear Combination	SLS:CHR
22412 (C)	22516	Linear Combination	SLS:CHR
22413 (C)	22517	Linear Combination	SLS:CHR
22414 (C)	22518	Linear Combination	SLS:CHR
22415 (C)	22519	Linear Combination	SLS:CHR
22416 (C)	22520	Linear Combination	SLS:CHR
22417 (C)	22521	Linear Combination	SLS:CHR
22418 (C)	22522	Linear Combination	SLS:CHR
22419 (C)	22523	Linear Combination	SLS:CHR
22420 (C)	22524	Linear Combination	SLS:CHR
22421 (C)	22525	Linear Combination	SLS:CHR
22422 (C)	22526	Linear Combination	SLS:CHR
22423 (C)	22527	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22424 (C)	22528	Linear Combination	SLS:CHR
22425 (C)	22529	Linear Combination	SLS:CHR
22426 (C)	22530	Linear Combination	SLS:CHR
22427 (C)	22531	Linear Combination	SLS:CHR
22428 (C)	22532	Linear Combination	SLS:CHR
22429 (C)	22533	Linear Combination	SLS:CHR
22430 (C)	22534	Linear Combination	SLS:CHR
22431 (C)	22535	Linear Combination	SLS:CHR
22432 (C)	22536	Linear Combination	SLS:CHR
22433 (C)	22537	Linear Combination	SLS:CHR
22434 (C)	22538	Linear Combination	SLS:CHR
22435 (C)	22539	Linear Combination	SLS:CHR
22436 (C)	22540	Linear Combination	SLS:CHR
22437 (C)	22541	Linear Combination	SLS:CHR
22438 (C)	22542	Linear Combination	SLS:CHR
22439 (C)	22543	Linear Combination	SLS:CHR
22440 (C)	22544	Linear Combination	SLS:CHR
22441 (C)	22545	Linear Combination	SLS:CHR
22442 (C)	22546	Linear Combination	SLS:CHR
22443 (C)	22547	Linear Combination	SLS:CHR
22444 (C)	22548	Linear Combination	SLS:CHR
22445 (C)	22549	Linear Combination	SLS:CHR
22446 (C)	22550	Linear Combination	SLS:CHR
22447 (C)	22551	Linear Combination	SLS:CHR
22448 (C)	22552	Linear Combination	SLS:CHR
22449 (C)	22553	Linear Combination	SLS:CHR
22450 (C)	22554	Linear Combination	SLS:CHR
22451 (C)	22555	Linear Combination	SLS:CHR
22452 (C)	22556	Linear Combination	SLS:CHR
22453 (C)	22557	Linear Combination	SLS:CHR
22454 (C)	22558	Linear Combination	SLS:CHR
22455 (C)	22559	Linear Combination	SLS:CHR
22456 (C)	22560	Linear Combination	SLS:CHR
22457 (C)	22561	Linear Combination	SLS:CHR
22458 (C)	22562	Linear Combination	SLS:CHR
22459 (C)	22563	Linear Combination	SLS:CHR
22460 (C)	22564	Linear Combination	SLS:CHR
22461 (C)	22565	Linear Combination	SLS:CHR
22462 (C)	22566	Linear Combination	SLS:CHR
22463 (C)	22567	Linear Combination	SLS:CHR
22464 (C)	22568	Linear Combination	SLS:CHR
22465 (C)	22569	Linear Combination	SLS:CHR
22466 (C)	22570	Linear Combination	SLS:CHR
22467 (C)	22571	Linear Combination	SLS:CHR
22468 (C)	22572	Linear Combination	SLS:CHR
22469 (C)	22573	Linear Combination	SLS:CHR
22470 (C)	22574	Linear Combination	SLS:CHR
22471 (C)	22575	Linear Combination	SLS:CHR
22472 (C)	22576	Linear Combination	SLS:CHR
22473 (C)	22577	Linear Combination	SLS:CHR
22474 (C)	22578	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22475 (C)	22579	Linear Combination	SLS:CHR
22476 (C)	22580	Linear Combination	SLS:CHR
22477 (C)	22581	Linear Combination	SLS:CHR
22478 (C)	22582	Linear Combination	SLS:CHR
22479 (C)	22583	Linear Combination	SLS:CHR
22480 (C)	22584	Linear Combination	SLS:CHR
22481 (C)	22585	Linear Combination	SLS:CHR
22482 (C)	22586	Linear Combination	SLS:CHR
22483 (C)	22587	Linear Combination	SLS:CHR
22484 (C)	22588	Linear Combination	SLS:CHR
22485 (C)	22589	Linear Combination	SLS:CHR
22486 (C)	22590	Linear Combination	SLS:CHR
22487 (C)	22591	Linear Combination	SLS:CHR
22488 (C)	22592	Linear Combination	SLS:CHR
22489 (C)	22593	Linear Combination	SLS:CHR
22490 (C)	22594	Linear Combination	SLS:CHR
22491 (C)	22595	Linear Combination	SLS:CHR
22492 (C)	22596	Linear Combination	SLS:CHR
22493 (C)	22597	Linear Combination	SLS:CHR
22494 (C)	22598	Linear Combination	SLS:CHR
22495 (C)	22599	Linear Combination	SLS:CHR
22496 (C)	22600	Linear Combination	SLS:CHR
22497 (C)	22601	Linear Combination	SLS:CHR
22498 (C)	22602	Linear Combination	SLS:CHR
22499 (C)	22603	Linear Combination	SLS:CHR
22500 (C)	22604	Linear Combination	SLS:CHR
22501 (C)	22605	Linear Combination	SLS:CHR
22502 (C)	22606	Linear Combination	SLS:CHR
22503 (C)	22607	Linear Combination	SLS:CHR
22504 (C)	22608	Linear Combination	SLS:CHR
22505 (C)	22609	Linear Combination	SLS:CHR
22506 (C)	22610	Linear Combination	SLS:CHR
22507 (C)	22611	Linear Combination	SLS:CHR
22508 (C)	22612	Linear Combination	SLS:CHR
22509 (C)	22613	Linear Combination	SLS:CHR
22510 (C)	22614	Linear Combination	SLS:CHR
22511 (C)	22615	Linear Combination	SLS:CHR
22512 (C)	22616	Linear Combination	SLS:CHR
22513 (C)	22617	Linear Combination	SLS:CHR
22514 (C)	22618	Linear Combination	SLS:CHR
22515 (C)	22619	Linear Combination	SLS:CHR
22516 (C)	22620	Linear Combination	SLS:CHR
22517 (C)	22621	Linear Combination	SLS:CHR
22518 (C)	22622	Linear Combination	SLS:CHR
22519 (C)	22623	Linear Combination	SLS:CHR
22520 (C)	22624	Linear Combination	SLS:CHR
22521 (C)	22625	Linear Combination	SLS:CHR
22522 (C)	22626	Linear Combination	SLS:CHR
22523 (C)	22627	Linear Combination	SLS:CHR
22524 (C)	22628	Linear Combination	SLS:CHR
22525 (C)	22629	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22526 (C)	22630	Linear Combination	SLS:CHR
22527 (C)	22631	Linear Combination	SLS:CHR
22528 (C)	22632	Linear Combination	SLS:CHR
22529 (C)	22633	Linear Combination	SLS:CHR
22530 (C)	22634	Linear Combination	SLS:CHR
22531 (C)	22635	Linear Combination	SLS:CHR
22532 (C)	22636	Linear Combination	SLS:CHR
22533 (C)	22637	Linear Combination	SLS:CHR
22534 (C)	22638	Linear Combination	SLS:CHR
22535 (C)	22639	Linear Combination	SLS:CHR
22536 (C)	22640	Linear Combination	SLS:CHR
22537 (C)	22641	Linear Combination	SLS:CHR
22538 (C)	22642	Linear Combination	SLS:CHR
22539 (C)	22643	Linear Combination	SLS:CHR
22540 (C)	22644	Linear Combination	SLS:CHR
22541 (C)	22645	Linear Combination	SLS:CHR
22542 (C)	22646	Linear Combination	SLS:CHR
22543 (C)	22647	Linear Combination	SLS:CHR
22544 (C)	22648	Linear Combination	SLS:CHR
22545 (C)	22649	Linear Combination	SLS:CHR
22546 (C)	22650	Linear Combination	SLS:CHR
22547 (C)	22651	Linear Combination	SLS:CHR
22548 (C)	22652	Linear Combination	SLS:CHR
22549 (C)	22653	Linear Combination	SLS:CHR
22550 (C)	22654	Linear Combination	SLS:CHR
22551 (C)	22655	Linear Combination	SLS:CHR
22552 (C)	22656	Linear Combination	SLS:CHR
22553 (C)	22657	Linear Combination	SLS:CHR
22554 (C)	22658	Linear Combination	SLS:CHR
22555 (C)	22659	Linear Combination	SLS:CHR
22556 (C)	22660	Linear Combination	SLS:CHR
22557 (C)	22661	Linear Combination	SLS:CHR
22558 (C)	22662	Linear Combination	SLS:CHR
22559 (C)	22663	Linear Combination	SLS:CHR
22560 (C)	22664	Linear Combination	SLS:CHR
22561 (C)	22665	Linear Combination	SLS:CHR
22562 (C)	22666	Linear Combination	SLS:CHR
22563 (C)	22667	Linear Combination	SLS:CHR
22564 (C)	22668	Linear Combination	SLS:CHR
22565 (C)	22669	Linear Combination	SLS:CHR
22566 (C)	22670	Linear Combination	SLS:CHR
22567 (C)	22671	Linear Combination	SLS:CHR
22568 (C)	22672	Linear Combination	SLS:CHR
22569 (C)	22673	Linear Combination	SLS:CHR
22570 (C)	22674	Linear Combination	SLS:CHR
22571 (C)	22675	Linear Combination	SLS:CHR
22572 (C)	22676	Linear Combination	SLS:CHR
22573 (C)	22677	Linear Combination	SLS:CHR
22574 (C)	22678	Linear Combination	SLS:CHR
22575 (C)	22679	Linear Combination	SLS:CHR
22576 (C)	22680	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22577 (C)	22681	Linear Combination	SLS:CHR
22578 (C)	22682	Linear Combination	SLS:CHR
22579 (C)	22683	Linear Combination	SLS:CHR
22580 (C)	22684	Linear Combination	SLS:CHR
22581 (C)	22685	Linear Combination	SLS:CHR
22582 (C)	22686	Linear Combination	SLS:CHR
22583 (C)	22687	Linear Combination	SLS:CHR
22584 (C)	22688	Linear Combination	SLS:CHR
22585 (C)	22689	Linear Combination	SLS:CHR
22586 (C)	22690	Linear Combination	SLS:CHR
22587 (C)	22691	Linear Combination	SLS:CHR
22588 (C)	22692	Linear Combination	SLS:CHR
22589 (C)	22693	Linear Combination	SLS:CHR
22590 (C)	22694	Linear Combination	SLS:CHR
22591 (C)	22695	Linear Combination	SLS:CHR
22592 (C)	22696	Linear Combination	SLS:CHR
22593 (C)	22697	Linear Combination	SLS:CHR
22594 (C)	22698	Linear Combination	SLS:CHR
22595 (C)	22699	Linear Combination	SLS:CHR
22596 (C)	22700	Linear Combination	SLS:CHR
22597 (C)	22701	Linear Combination	SLS:CHR
22598 (C)	22702	Linear Combination	SLS:CHR
22599 (C)	22703	Linear Combination	SLS:CHR
22600 (C)	22704	Linear Combination	SLS:CHR
22601 (C)	22705	Linear Combination	SLS:CHR
22602 (C)	22706	Linear Combination	SLS:CHR
22603 (C)	22707	Linear Combination	SLS:CHR
22604 (C)	22708	Linear Combination	SLS:CHR
22605 (C)	22709	Linear Combination	SLS:CHR
22606 (C)	22710	Linear Combination	SLS:CHR
22607 (C)	22711	Linear Combination	SLS:CHR
22608 (C)	22712	Linear Combination	SLS:CHR
22609 (C)	22713	Linear Combination	SLS:CHR
22610 (C)	22714	Linear Combination	SLS:CHR
22611 (C)	22715	Linear Combination	SLS:CHR
22612 (C)	22716	Linear Combination	SLS:CHR
22613 (C)	22717	Linear Combination	SLS:CHR
22614 (C)	22718	Linear Combination	SLS:CHR
22615 (C)	22719	Linear Combination	SLS:CHR
22616 (C)	22720	Linear Combination	SLS:CHR
22617 (C)	22721	Linear Combination	SLS:CHR
22618 (C)	22722	Linear Combination	SLS:CHR
22619 (C)	22723	Linear Combination	SLS:CHR
22620 (C)	22724	Linear Combination	SLS:CHR
22621 (C)	22725	Linear Combination	SLS:CHR
22622 (C)	22726	Linear Combination	SLS:CHR
22623 (C)	22727	Linear Combination	SLS:CHR
22624 (C)	22728	Linear Combination	SLS:CHR
22625 (C)	22729	Linear Combination	SLS:CHR
22626 (C)	22730	Linear Combination	SLS:CHR
22627 (C)	22731	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
22628 (C)	22732	Linear Combination	SLS:CHR
22629 (C)	22733	Linear Combination	SLS:CHR
22630 (C)	22734	Linear Combination	SLS:CHR
22631 (C)	22735	Linear Combination	SLS:CHR
22632 (C)	22736	Linear Combination	SLS:CHR
22633 (C)	22737	Linear Combination	SLS:CHR
22634 (C)	22738	Linear Combination	SLS:CHR
22635 (C)	22739	Linear Combination	SLS:CHR
22636 (C)	22740	Linear Combination	SLS:CHR
22637 (C)	22741	Linear Combination	SLS:CHR
22638 (C)	22742	Linear Combination	SLS:CHR
22639 (C)	22743	Linear Combination	SLS:CHR
22640 (C)	22744	Linear Combination	SLS:CHR
22641 (C)	22745	Linear Combination	SLS:CHR
22642 (C)	22746	Linear Combination	SLS:CHR
22643 (C)	22747	Linear Combination	SLS:CHR
22644 (C)	22748	Linear Combination	SLS:CHR
22645 (C)	22749	Linear Combination	SLS:CHR
22646 (C)	22750	Linear Combination	SLS:CHR
22647 (C)	22751	Linear Combination	SLS:CHR
22648 (C)	22752	Linear Combination	SLS:CHR
22649 (C)	22753	Linear Combination	SLS:CHR
22650 (C)	22754	Linear Combination	SLS:CHR
22651 (C)	22755	Linear Combination	SLS:CHR
22652 (C)	22756	Linear Combination	SLS:CHR
22653 (C)	22757	Linear Combination	SLS:CHR
22654 (C)	22758	Linear Combination	SLS:CHR
22655 (C)	22759	Linear Combination	SLS:CHR
22656 (C)	22760	Linear Combination	SLS:CHR
22657 (C)	22761	Linear Combination	SLS:CHR
22658 (C)	22762	Linear Combination	SLS:CHR
22659 (C)	22763	Linear Combination	SLS:CHR
22660 (C)	22764	Linear Combination	SLS:CHR
22661 (C)	22765	Linear Combination	SLS:CHR
22662 (C)	22766	Linear Combination	SLS:CHR
22663 (C)	22767	Linear Combination	SLS:CHR
22664 (C)	22768	Linear Combination	SLS:CHR
22665 (C)	22769	Linear Combination	SLS:CHR
22666 (C)	22770	Linear Combination	SLS:CHR
22667 (C)	22771	Linear Combination	SLS:CHR
22668 (C)	22772	Linear Combination	SLS:CHR
22669 (C)	22773	Linear Combination	SLS:CHR
22670 (C)	22774	Linear Combination	SLS:CHR
22671 (C)	22775	Linear Combination	SLS:CHR
22672 (C)	22776	Linear Combination	SLS:CHR
22673 (C)	22777	Linear Combination	SLS:CHR
22674 (C)	22778	Linear Combination	SLS:CHR
22675 (C)	22779	Linear Combination	SLS:CHR
22676 (C)	22780	Linear Combination	SLS:CHR
22677 (C)	22781	Linear Combination	SLS:CHR
22678 (C)	22782	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22679 (C)	22783	Linear Combination	SLS:CHR
22680 (C)	22784	Linear Combination	SLS:CHR
22681 (C)	22785	Linear Combination	SLS:CHR
22682 (C)	22786	Linear Combination	SLS:CHR
22683 (C)	22787	Linear Combination	SLS:CHR
22684 (C)	22788	Linear Combination	SLS:CHR
22685 (C)	22789	Linear Combination	SLS:CHR
22686 (C)	22790	Linear Combination	SLS:CHR
22687 (C)	22791	Linear Combination	SLS:CHR
22688 (C)	22792	Linear Combination	SLS:CHR
22689 (C)	23001	Linear Combination	SLS:CHR
22690 (C)	23002	Linear Combination	SLS:CHR
22691 (C)	23003	Linear Combination	SLS:CHR
22692 (C)	23004	Linear Combination	SLS:CHR
22693 (C)	23005	Linear Combination	SLS:CHR
22694 (C)	23006	Linear Combination	SLS:CHR
22695 (C)	23007	Linear Combination	SLS:CHR
22696 (C)	23008	Linear Combination	SLS:CHR
22697 (C)	23009	Linear Combination	SLS:CHR
22698 (C)	23010	Linear Combination	SLS:CHR
22699 (C)	23011	Linear Combination	SLS:CHR
22700 (C)	23012	Linear Combination	SLS:CHR
22701 (C)	23013	Linear Combination	SLS:CHR
22702 (C)	23014	Linear Combination	SLS:CHR
22703 (C)	23015	Linear Combination	SLS:CHR
22704 (C)	23016	Linear Combination	SLS:CHR
22705 (C)	23017	Linear Combination	SLS:CHR
22706 (C)	23018	Linear Combination	SLS:CHR
22707 (C)	23019	Linear Combination	SLS:CHR
22708 (C)	23020	Linear Combination	SLS:CHR
22709 (C)	23021	Linear Combination	SLS:CHR
22710 (C)	23022	Linear Combination	SLS:CHR
22711 (C)	23023	Linear Combination	SLS:CHR
22712 (C)	23024	Linear Combination	SLS:CHR
22713 (C)	23025	Linear Combination	SLS:CHR
22714 (C)	23026	Linear Combination	SLS:CHR
22715 (C)	23027	Linear Combination	SLS:CHR
22716 (C)	23028	Linear Combination	SLS:CHR
22717 (C)	23029	Linear Combination	SLS:CHR
22718 (C)	23030	Linear Combination	SLS:CHR
22719 (C)	23031	Linear Combination	SLS:CHR
22720 (C)	23032	Linear Combination	SLS:CHR
22721 (C)	23033	Linear Combination	SLS:CHR
22722 (C)	23034	Linear Combination	SLS:CHR
22723 (C)	23035	Linear Combination	SLS:CHR
22724 (C)	23036	Linear Combination	SLS:CHR
22725 (C)	23037	Linear Combination	SLS:CHR
22726 (C)	23038	Linear Combination	SLS:CHR
22727 (C)	23039	Linear Combination	SLS:CHR
22728 (C)	23040	Linear Combination	SLS:CHR
22729 (C)	23041	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
22730 (C)	23042	Linear Combination	SLS:CHR
22731 (C)	23043	Linear Combination	SLS:CHR
22732 (C)	23044	Linear Combination	SLS:CHR
22733 (C)	23045	Linear Combination	SLS:CHR
22734 (C)	23046	Linear Combination	SLS:CHR
22735 (C)	23047	Linear Combination	SLS:CHR
22736 (C)	23048	Linear Combination	SLS:CHR
22737 (C)	23049	Linear Combination	SLS:CHR
22738 (C)	23050	Linear Combination	SLS:CHR
22739 (C)	23051	Linear Combination	SLS:CHR
22740 (C)	23052	Linear Combination	SLS:CHR
22741 (C)	23053	Linear Combination	SLS:CHR
22742 (C)	23054	Linear Combination	SLS:CHR
22743 (C)	23055	Linear Combination	SLS:CHR
22744 (C)	23056	Linear Combination	SLS:CHR
22745 (C)	23057	Linear Combination	SLS:CHR
22746 (C)	23058	Linear Combination	SLS:CHR
22747 (C)	23059	Linear Combination	SLS:CHR
22748 (C)	23060	Linear Combination	SLS:CHR
22749 (C)	23061	Linear Combination	SLS:CHR
22750 (C)	23062	Linear Combination	SLS:CHR
22751 (C)	23063	Linear Combination	SLS:CHR
22752 (C)	23064	Linear Combination	SLS:CHR
22753 (C)	23065	Linear Combination	SLS:CHR
22754 (C)	23066	Linear Combination	SLS:CHR
22755 (C)	23067	Linear Combination	SLS:CHR
22756 (C)	23068	Linear Combination	SLS:CHR
22757 (C)	23069	Linear Combination	SLS:CHR
22758 (C)	23070	Linear Combination	SLS:CHR
22759 (C)	23071	Linear Combination	SLS:CHR
22760 (C)	23072	Linear Combination	SLS:CHR
22761 (C)	23073	Linear Combination	SLS:CHR
22762 (C)	23074	Linear Combination	SLS:CHR
22763 (C)	23075	Linear Combination	SLS:CHR
22764 (C)	23076	Linear Combination	SLS:CHR
22765 (C)	23077	Linear Combination	SLS:CHR
22766 (C)	23078	Linear Combination	SLS:CHR
22767 (C)	23079	Linear Combination	SLS:CHR
22768 (C)	23080	Linear Combination	SLS:CHR
22769 (C)	23081	Linear Combination	SLS:CHR
22770 (C)	23082	Linear Combination	SLS:CHR
22771 (C)	23083	Linear Combination	SLS:CHR
22772 (C)	23084	Linear Combination	SLS:CHR
22773 (C)	23085	Linear Combination	SLS:CHR
22774 (C)	23086	Linear Combination	SLS:CHR
22775 (C)	23087	Linear Combination	SLS:CHR
22776 (C)	23088	Linear Combination	SLS:CHR
22777 (C)	23089	Linear Combination	SLS:CHR
22778 (C)	23090	Linear Combination	SLS:CHR
22779 (C)	23091	Linear Combination	SLS:CHR
22780 (C)	23092	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22781 (C)	23093	Linear Combination	SLS:CHR
22782 (C)	23094	Linear Combination	SLS:CHR
22783 (C)	23095	Linear Combination	SLS:CHR
22784 (C)	23096	Linear Combination	SLS:CHR
22785 (C)	23097	Linear Combination	SLS:CHR
22786 (C)	23098	Linear Combination	SLS:CHR
22787 (C)	23099	Linear Combination	SLS:CHR
22788 (C)	23100	Linear Combination	SLS:CHR
22789 (C)	23101	Linear Combination	SLS:CHR
22790 (C)	23102	Linear Combination	SLS:CHR
22791 (C)	23103	Linear Combination	SLS:CHR
22792 (C)	23104	Linear Combination	SLS:CHR
22793 (C)	23105	Linear Combination	SLS:CHR
22794 (C)	23106	Linear Combination	SLS:CHR
22795 (C)	23107	Linear Combination	SLS:CHR
22796 (C)	23108	Linear Combination	SLS:CHR
22797 (C)	23109	Linear Combination	SLS:CHR
22798 (C)	23110	Linear Combination	SLS:CHR
22799 (C)	23111	Linear Combination	SLS:CHR
22800 (C)	23112	Linear Combination	SLS:CHR
22801 (C)	23113	Linear Combination	SLS:CHR
22802 (C)	23114	Linear Combination	SLS:CHR
22803 (C)	23115	Linear Combination	SLS:CHR
22804 (C)	23116	Linear Combination	SLS:CHR
22805 (C)	23117	Linear Combination	SLS:CHR
22806 (C)	23118	Linear Combination	SLS:CHR
22807 (C)	23119	Linear Combination	SLS:CHR
22808 (C)	23120	Linear Combination	SLS:CHR
22809 (C)	23121	Linear Combination	SLS:CHR
22810 (C)	23122	Linear Combination	SLS:CHR
22811 (C)	23123	Linear Combination	SLS:CHR
22812 (C)	23124	Linear Combination	SLS:CHR
22813 (C)	23125	Linear Combination	SLS:CHR
22814 (C)	23126	Linear Combination	SLS:CHR
22815 (C)	23127	Linear Combination	SLS:CHR
22816 (C)	23128	Linear Combination	SLS:CHR
22817 (C)	23129	Linear Combination	SLS:CHR
22818 (C)	23130	Linear Combination	SLS:CHR
22819 (C)	23131	Linear Combination	SLS:CHR
22820 (C)	23132	Linear Combination	SLS:CHR
22821 (C)	23133	Linear Combination	SLS:CHR
22822 (C)	23134	Linear Combination	SLS:CHR
22823 (C)	23135	Linear Combination	SLS:CHR
22824 (C)	23136	Linear Combination	SLS:CHR
22825 (C)	23137	Linear Combination	SLS:CHR
22826 (C)	23138	Linear Combination	SLS:CHR
22827 (C)	23139	Linear Combination	SLS:CHR
22828 (C)	23140	Linear Combination	SLS:CHR
22829 (C)	23141	Linear Combination	SLS:CHR
22830 (C)	23142	Linear Combination	SLS:CHR
22831 (C)	23143	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22832 (C)	23144	Linear Combination	SLS:CHR
22833 (C)	23145	Linear Combination	SLS:CHR
22834 (C)	23146	Linear Combination	SLS:CHR
22835 (C)	23147	Linear Combination	SLS:CHR
22836 (C)	23148	Linear Combination	SLS:CHR
22837 (C)	23149	Linear Combination	SLS:CHR
22838 (C)	23150	Linear Combination	SLS:CHR
22839 (C)	23151	Linear Combination	SLS:CHR
22840 (C)	23152	Linear Combination	SLS:CHR
22841 (C)	23153	Linear Combination	SLS:CHR
22842 (C)	23154	Linear Combination	SLS:CHR
22843 (C)	23155	Linear Combination	SLS:CHR
22844 (C)	23156	Linear Combination	SLS:CHR
22845 (C)	23157	Linear Combination	SLS:CHR
22846 (C)	23158	Linear Combination	SLS:CHR
22847 (C)	23159	Linear Combination	SLS:CHR
22848 (C)	23160	Linear Combination	SLS:CHR
22849 (C)	23161	Linear Combination	SLS:CHR
22850 (C)	23162	Linear Combination	SLS:CHR
22851 (C)	23163	Linear Combination	SLS:CHR
22852 (C)	23164	Linear Combination	SLS:CHR
22853 (C)	23165	Linear Combination	SLS:CHR
22854 (C)	23166	Linear Combination	SLS:CHR
22855 (C)	23167	Linear Combination	SLS:CHR
22856 (C)	23168	Linear Combination	SLS:CHR
22857 (C)	23169	Linear Combination	SLS:CHR
22858 (C)	23170	Linear Combination	SLS:CHR
22859 (C)	23171	Linear Combination	SLS:CHR
22860 (C)	23172	Linear Combination	SLS:CHR
22861 (C)	23173	Linear Combination	SLS:CHR
22862 (C)	23174	Linear Combination	SLS:CHR
22863 (C)	23175	Linear Combination	SLS:CHR
22864 (C)	23176	Linear Combination	SLS:CHR
22865 (C)	23177	Linear Combination	SLS:CHR
22866 (C)	23178	Linear Combination	SLS:CHR
22867 (C)	23179	Linear Combination	SLS:CHR
22868 (C)	23180	Linear Combination	SLS:CHR
22869 (C)	23181	Linear Combination	SLS:CHR
22870 (C)	23182	Linear Combination	SLS:CHR
22871 (C)	23183	Linear Combination	SLS:CHR
22872 (C)	23184	Linear Combination	SLS:CHR
22873 (C)	23185	Linear Combination	SLS:CHR
22874 (C)	23186	Linear Combination	SLS:CHR
22875 (C)	23187	Linear Combination	SLS:CHR
22876 (C)	23188	Linear Combination	SLS:CHR
22877 (C)	23189	Linear Combination	SLS:CHR
22878 (C)	23190	Linear Combination	SLS:CHR
22879 (C)	23191	Linear Combination	SLS:CHR
22880 (C)	23192	Linear Combination	SLS:CHR
22881 (C)	23193	Linear Combination	SLS:CHR
22882 (C)	23194	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22883 (C)	23195	Linear Combination	SLS:CHR
22884 (C)	23196	Linear Combination	SLS:CHR
22885 (C)	23197	Linear Combination	SLS:CHR
22886 (C)	23198	Linear Combination	SLS:CHR
22887 (C)	23199	Linear Combination	SLS:CHR
22888 (C)	23200	Linear Combination	SLS:CHR
22889 (C)	23201	Linear Combination	SLS:CHR
22890 (C)	23202	Linear Combination	SLS:CHR
22891 (C)	23203	Linear Combination	SLS:CHR
22892 (C)	23204	Linear Combination	SLS:CHR
22893 (C)	23205	Linear Combination	SLS:CHR
22894 (C)	23206	Linear Combination	SLS:CHR
22895 (C)	23207	Linear Combination	SLS:CHR
22896 (C)	23208	Linear Combination	SLS:CHR
22897 (C)	23209	Linear Combination	SLS:CHR
22898 (C)	23210	Linear Combination	SLS:CHR
22899 (C)	23211	Linear Combination	SLS:CHR
22900 (C)	23212	Linear Combination	SLS:CHR
22901 (C)	23213	Linear Combination	SLS:CHR
22902 (C)	23214	Linear Combination	SLS:CHR
22903 (C)	23215	Linear Combination	SLS:CHR
22904 (C)	23216	Linear Combination	SLS:CHR
22905 (C)	23217	Linear Combination	SLS:CHR
22906 (C)	23218	Linear Combination	SLS:CHR
22907 (C)	23219	Linear Combination	SLS:CHR
22908 (C)	23220	Linear Combination	SLS:CHR
22909 (C)	23221	Linear Combination	SLS:CHR
22910 (C)	23222	Linear Combination	SLS:CHR
22911 (C)	23223	Linear Combination	SLS:CHR
22912 (C)	23224	Linear Combination	SLS:CHR
22913 (C)	23225	Linear Combination	SLS:CHR
22914 (C)	23226	Linear Combination	SLS:CHR
22915 (C)	23227	Linear Combination	SLS:CHR
22916 (C)	23228	Linear Combination	SLS:CHR
22917 (C)	23229	Linear Combination	SLS:CHR
22918 (C)	23230	Linear Combination	SLS:CHR
22919 (C)	23231	Linear Combination	SLS:CHR
22920 (C)	23232	Linear Combination	SLS:CHR
22921 (C)	23233	Linear Combination	SLS:CHR
22922 (C)	23234	Linear Combination	SLS:CHR
22923 (C)	23235	Linear Combination	SLS:CHR
22924 (C)	23236	Linear Combination	SLS:CHR
22925 (C)	23237	Linear Combination	SLS:CHR
22926 (C)	23238	Linear Combination	SLS:CHR
22927 (C)	23239	Linear Combination	SLS:CHR
22928 (C)	23240	Linear Combination	SLS:CHR
22929 (C)	23241	Linear Combination	SLS:CHR
22930 (C)	23242	Linear Combination	SLS:CHR
22931 (C)	23243	Linear Combination	SLS:CHR
22932 (C)	23244	Linear Combination	SLS:CHR
22933 (C)	23245	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22934 (C)	23246	Linear Combination	SLS:CHR
22935 (C)	23247	Linear Combination	SLS:CHR
22936 (C)	23248	Linear Combination	SLS:CHR
22937 (C)	23249	Linear Combination	SLS:CHR
22938 (C)	23250	Linear Combination	SLS:CHR
22939 (C)	23251	Linear Combination	SLS:CHR
22940 (C)	23252	Linear Combination	SLS:CHR
22941 (C)	23253	Linear Combination	SLS:CHR
22942 (C)	23254	Linear Combination	SLS:CHR
22943 (C)	23255	Linear Combination	SLS:CHR
22944 (C)	23256	Linear Combination	SLS:CHR
22945 (C)	23257	Linear Combination	SLS:CHR
22946 (C)	23258	Linear Combination	SLS:CHR
22947 (C)	23259	Linear Combination	SLS:CHR
22948 (C)	23260	Linear Combination	SLS:CHR
22949 (C)	23261	Linear Combination	SLS:CHR
22950 (C)	23262	Linear Combination	SLS:CHR
22951 (C)	23263	Linear Combination	SLS:CHR
22952 (C)	23264	Linear Combination	SLS:CHR
22953 (C)	23265	Linear Combination	SLS:CHR
22954 (C)	23266	Linear Combination	SLS:CHR
22955 (C)	23267	Linear Combination	SLS:CHR
22956 (C)	23268	Linear Combination	SLS:CHR
22957 (C)	23269	Linear Combination	SLS:CHR
22958 (C)	23270	Linear Combination	SLS:CHR
22959 (C)	23271	Linear Combination	SLS:CHR
22960 (C)	23272	Linear Combination	SLS:CHR
22961 (C)	23273	Linear Combination	SLS:CHR
22962 (C)	23274	Linear Combination	SLS:CHR
22963 (C)	23275	Linear Combination	SLS:CHR
22964 (C)	23276	Linear Combination	SLS:CHR
22965 (C)	23277	Linear Combination	SLS:CHR
22966 (C)	23278	Linear Combination	SLS:CHR
22967 (C)	23279	Linear Combination	SLS:CHR
22968 (C)	23280	Linear Combination	SLS:CHR
22969 (C)	23281	Linear Combination	SLS:CHR
22970 (C)	23282	Linear Combination	SLS:CHR
22971 (C)	23283	Linear Combination	SLS:CHR
22972 (C)	23284	Linear Combination	SLS:CHR
22973 (C)	23285	Linear Combination	SLS:CHR
22974 (C)	23286	Linear Combination	SLS:CHR
22975 (C)	23287	Linear Combination	SLS:CHR
22976 (C)	23288	Linear Combination	SLS:CHR
22977 (C)	23289	Linear Combination	SLS:CHR
22978 (C)	23290	Linear Combination	SLS:CHR
22979 (C)	23291	Linear Combination	SLS:CHR
22980 (C)	23292	Linear Combination	SLS:CHR
22981 (C)	23293	Linear Combination	SLS:CHR
22982 (C)	23294	Linear Combination	SLS:CHR
22983 (C)	23295	Linear Combination	SLS:CHR
22984 (C)	23296	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
22985 (C)	23297	Linear Combination	SLS:CHR
22986 (C)	23298	Linear Combination	SLS:CHR
22987 (C)	23299	Linear Combination	SLS:CHR
22988 (C)	23300	Linear Combination	SLS:CHR
22989 (C)	23301	Linear Combination	SLS:CHR
22990 (C)	23302	Linear Combination	SLS:CHR
22991 (C)	23303	Linear Combination	SLS:CHR
22992 (C)	23304	Linear Combination	SLS:CHR
22993 (C)	23305	Linear Combination	SLS:CHR
22994 (C)	23306	Linear Combination	SLS:CHR
22995 (C)	23307	Linear Combination	SLS:CHR
22996 (C)	23308	Linear Combination	SLS:CHR
22997 (C)	23309	Linear Combination	SLS:CHR
22998 (C)	23310	Linear Combination	SLS:CHR
22999 (C)	23311	Linear Combination	SLS:CHR
23000 (C)	23312	Linear Combination	SLS:CHR
23001 (C)	23313	Linear Combination	SLS:CHR
23002 (C)	23314	Linear Combination	SLS:CHR
23003 (C)	23315	Linear Combination	SLS:CHR
23004 (C)	23316	Linear Combination	SLS:CHR
23005 (C)	23317	Linear Combination	SLS:CHR
23006 (C)	23318	Linear Combination	SLS:CHR
23007 (C)	23319	Linear Combination	SLS:CHR
23008 (C)	23320	Linear Combination	SLS:CHR
23009 (C)	23321	Linear Combination	SLS:CHR
23010 (C)	23322	Linear Combination	SLS:CHR
23011 (C)	23323	Linear Combination	SLS:CHR
23012 (C)	23324	Linear Combination	SLS:CHR
23013 (C)	23325	Linear Combination	SLS:CHR
23014 (C)	23326	Linear Combination	SLS:CHR
23015 (C)	23327	Linear Combination	SLS:CHR
23016 (C)	23328	Linear Combination	SLS:CHR
23017 (C)	23329	Linear Combination	SLS:CHR
23018 (C)	23330	Linear Combination	SLS:CHR
23019 (C)	23331	Linear Combination	SLS:CHR
23020 (C)	23332	Linear Combination	SLS:CHR
23021 (C)	23333	Linear Combination	SLS:CHR
23022 (C)	23334	Linear Combination	SLS:CHR
23023 (C)	23335	Linear Combination	SLS:CHR
23024 (C)	23336	Linear Combination	SLS:CHR
23025 (C)	23337	Linear Combination	SLS:CHR
23026 (C)	23338	Linear Combination	SLS:CHR
23027 (C)	23339	Linear Combination	SLS:CHR
23028 (C)	23340	Linear Combination	SLS:CHR
23029 (C)	23341	Linear Combination	SLS:CHR
23030 (C)	23342	Linear Combination	SLS:CHR
23031 (C)	23343	Linear Combination	SLS:CHR
23032 (C)	23344	Linear Combination	SLS:CHR
23033 (C)	23345	Linear Combination	SLS:CHR
23034 (C)	23346	Linear Combination	SLS:CHR
23035 (C)	23347	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
23036 (C)	23348	Linear Combination	SLS:CHR
23037 (C)	23349	Linear Combination	SLS:CHR
23038 (C)	23350	Linear Combination	SLS:CHR
23039 (C)	23351	Linear Combination	SLS:CHR
23040 (C)	23352	Linear Combination	SLS:CHR
23041 (C)	23353	Linear Combination	SLS:CHR
23042 (C)	23354	Linear Combination	SLS:CHR
23043 (C)	23355	Linear Combination	SLS:CHR
23044 (C)	23356	Linear Combination	SLS:CHR
23045 (C)	23357	Linear Combination	SLS:CHR
23046 (C)	23358	Linear Combination	SLS:CHR
23047 (C)	23359	Linear Combination	SLS:CHR
23048 (C)	23360	Linear Combination	SLS:CHR
23049 (C)	23361	Linear Combination	SLS:CHR
23050 (C)	23362	Linear Combination	SLS:CHR
23051 (C)	23363	Linear Combination	SLS:CHR
23052 (C)	23364	Linear Combination	SLS:CHR
23053 (C)	23365	Linear Combination	SLS:CHR
23054 (C)	23366	Linear Combination	SLS:CHR
23055 (C)	23367	Linear Combination	SLS:CHR
23056 (C)	23368	Linear Combination	SLS:CHR
23057 (C)	23369	Linear Combination	SLS:CHR
23058 (C)	23370	Linear Combination	SLS:CHR
23059 (C)	23371	Linear Combination	SLS:CHR
23060 (C)	23372	Linear Combination	SLS:CHR
23061 (C)	23373	Linear Combination	SLS:CHR
23062 (C)	23374	Linear Combination	SLS:CHR
23063 (C)	23375	Linear Combination	SLS:CHR
23064 (C)	23376	Linear Combination	SLS:CHR
23065 (C)	23377	Linear Combination	SLS:CHR
23066 (C)	23378	Linear Combination	SLS:CHR
23067 (C)	23379	Linear Combination	SLS:CHR
23068 (C)	23380	Linear Combination	SLS:CHR
23069 (C)	23381	Linear Combination	SLS:CHR
23070 (C)	23382	Linear Combination	SLS:CHR
23071 (C)	23383	Linear Combination	SLS:CHR
23072 (C)	23384	Linear Combination	SLS:CHR
23073 (C)	23385	Linear Combination	SLS:CHR
23074 (C)	23386	Linear Combination	SLS:CHR
23075 (C)	23387	Linear Combination	SLS:CHR
23076 (C)	23388	Linear Combination	SLS:CHR
23077 (C)	23389	Linear Combination	SLS:CHR
23078 (C)	23390	Linear Combination	SLS:CHR
23079 (C)	23391	Linear Combination	SLS:CHR
23080 (C)	23392	Linear Combination	SLS:CHR
23081 (C)	23393	Linear Combination	SLS:CHR
23082 (C)	23394	Linear Combination	SLS:CHR
23083 (C)	23395	Linear Combination	SLS:CHR
23084 (C)	23396	Linear Combination	SLS:CHR
23085 (C)	23397	Linear Combination	SLS:CHR
23086 (C)	23398	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23087 (C)	23399	Linear Combination	SLS:CHR
23088 (C)	23400	Linear Combination	SLS:CHR
23089 (C)	23401	Linear Combination	SLS:CHR
23090 (C)	23402	Linear Combination	SLS:CHR
23091 (C)	23403	Linear Combination	SLS:CHR
23092 (C)	23404	Linear Combination	SLS:CHR
23093 (C)	23405	Linear Combination	SLS:CHR
23094 (C)	23406	Linear Combination	SLS:CHR
23095 (C)	23407	Linear Combination	SLS:CHR
23096 (C)	23408	Linear Combination	SLS:CHR
23097 (C)	23409	Linear Combination	SLS:CHR
23098 (C)	23410	Linear Combination	SLS:CHR
23099 (C)	23411	Linear Combination	SLS:CHR
23100 (C)	23412	Linear Combination	SLS:CHR
23101 (C)	23413	Linear Combination	SLS:CHR
23102 (C)	23414	Linear Combination	SLS:CHR
23103 (C)	23415	Linear Combination	SLS:CHR
23104 (C)	23416	Linear Combination	SLS:CHR
23105 (C)	23417	Linear Combination	SLS:CHR
23106 (C)	23418	Linear Combination	SLS:CHR
23107 (C)	23419	Linear Combination	SLS:CHR
23108 (C)	23420	Linear Combination	SLS:CHR
23109 (C)	23421	Linear Combination	SLS:CHR
23110 (C)	23422	Linear Combination	SLS:CHR
23111 (C)	23423	Linear Combination	SLS:CHR
23112 (C)	23424	Linear Combination	SLS:CHR
23113 (C)	23425	Linear Combination	SLS:CHR
23114 (C)	23426	Linear Combination	SLS:CHR
23115 (C)	23427	Linear Combination	SLS:CHR
23116 (C)	23428	Linear Combination	SLS:CHR
23117 (C)	23429	Linear Combination	SLS:CHR
23118 (C)	23430	Linear Combination	SLS:CHR
23119 (C)	23431	Linear Combination	SLS:CHR
23120 (C)	23432	Linear Combination	SLS:CHR
23121 (C)	23433	Linear Combination	SLS:CHR
23122 (C)	23434	Linear Combination	SLS:CHR
23123 (C)	23435	Linear Combination	SLS:CHR
23124 (C)	23436	Linear Combination	SLS:CHR
23125 (C)	23437	Linear Combination	SLS:CHR
23126 (C)	23438	Linear Combination	SLS:CHR
23127 (C)	23439	Linear Combination	SLS:CHR
23128 (C)	23440	Linear Combination	SLS:CHR
23129 (C)	23441	Linear Combination	SLS:CHR
23130 (C)	23442	Linear Combination	SLS:CHR
23131 (C)	23443	Linear Combination	SLS:CHR
23132 (C)	23444	Linear Combination	SLS:CHR
23133 (C)	23445	Linear Combination	SLS:CHR
23134 (C)	23446	Linear Combination	SLS:CHR
23135 (C)	23447	Linear Combination	SLS:CHR
23136 (C)	23448	Linear Combination	SLS:CHR
23137 (C)	23449	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23138 (C)	23450	Linear Combination	SLS:CHR
23139 (C)	23451	Linear Combination	SLS:CHR
23140 (C)	23452	Linear Combination	SLS:CHR
23141 (C)	23453	Linear Combination	SLS:CHR
23142 (C)	23454	Linear Combination	SLS:CHR
23143 (C)	23455	Linear Combination	SLS:CHR
23144 (C)	23456	Linear Combination	SLS:CHR
23145 (C)	23457	Linear Combination	SLS:CHR
23146 (C)	23458	Linear Combination	SLS:CHR
23147 (C)	23459	Linear Combination	SLS:CHR
23148 (C)	23460	Linear Combination	SLS:CHR
23149 (C)	23461	Linear Combination	SLS:CHR
23150 (C)	23462	Linear Combination	SLS:CHR
23151 (C)	23463	Linear Combination	SLS:CHR
23152 (C)	23464	Linear Combination	SLS:CHR
23153 (C)	23465	Linear Combination	SLS:CHR
23154 (C)	23466	Linear Combination	SLS:CHR
23155 (C)	23467	Linear Combination	SLS:CHR
23156 (C)	23468	Linear Combination	SLS:CHR
23157 (C)	23469	Linear Combination	SLS:CHR
23158 (C)	23470	Linear Combination	SLS:CHR
23159 (C)	23471	Linear Combination	SLS:CHR
23160 (C)	23472	Linear Combination	SLS:CHR
23161 (C)	23473	Linear Combination	SLS:CHR
23162 (C)	23474	Linear Combination	SLS:CHR
23163 (C)	23475	Linear Combination	SLS:CHR
23164 (C)	23476	Linear Combination	SLS:CHR
23165 (C)	23477	Linear Combination	SLS:CHR
23166 (C)	23478	Linear Combination	SLS:CHR
23167 (C)	23479	Linear Combination	SLS:CHR
23168 (C)	23480	Linear Combination	SLS:CHR
23169 (C)	23481	Linear Combination	SLS:CHR
23170 (C)	23482	Linear Combination	SLS:CHR
23171 (C)	23483	Linear Combination	SLS:CHR
23172 (C)	23484	Linear Combination	SLS:CHR
23173 (C)	23485	Linear Combination	SLS:CHR
23174 (C)	23486	Linear Combination	SLS:CHR
23175 (C)	23487	Linear Combination	SLS:CHR
23176 (C)	23488	Linear Combination	SLS:CHR
23177 (C)	23489	Linear Combination	SLS:CHR
23178 (C)	23490	Linear Combination	SLS:CHR
23179 (C)	23491	Linear Combination	SLS:CHR
23180 (C)	23492	Linear Combination	SLS:CHR
23181 (C)	23493	Linear Combination	SLS:CHR
23182 (C)	23494	Linear Combination	SLS:CHR
23183 (C)	23495	Linear Combination	SLS:CHR
23184 (C)	23496	Linear Combination	SLS:CHR
23185 (C)	23497	Linear Combination	SLS:CHR
23186 (C)	23498	Linear Combination	SLS:CHR
23187 (C)	23499	Linear Combination	SLS:CHR
23188 (C)	23500	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23189 (C)	23501	Linear Combination	SLS:CHR
23190 (C)	23502	Linear Combination	SLS:CHR
23191 (C)	23503	Linear Combination	SLS:CHR
23192 (C)	23504	Linear Combination	SLS:CHR
23193 (C)	23505	Linear Combination	SLS:CHR
23194 (C)	23506	Linear Combination	SLS:CHR
23195 (C)	23507	Linear Combination	SLS:CHR
23196 (C)	23508	Linear Combination	SLS:CHR
23197 (C)	23509	Linear Combination	SLS:CHR
23198 (C)	23510	Linear Combination	SLS:CHR
23199 (C)	23511	Linear Combination	SLS:CHR
23200 (C)	23512	Linear Combination	SLS:CHR
23201 (C)	23513	Linear Combination	SLS:CHR
23202 (C)	23514	Linear Combination	SLS:CHR
23203 (C)	23515	Linear Combination	SLS:CHR
23204 (C)	23516	Linear Combination	SLS:CHR
23205 (C)	23517	Linear Combination	SLS:CHR
23206 (C)	23518	Linear Combination	SLS:CHR
23207 (C)	23519	Linear Combination	SLS:CHR
23208 (C)	23520	Linear Combination	SLS:CHR
23209 (C)	23521	Linear Combination	SLS:CHR
23210 (C)	23522	Linear Combination	SLS:CHR
23211 (C)	23523	Linear Combination	SLS:CHR
23212 (C)	23524	Linear Combination	SLS:CHR
23213 (C)	23525	Linear Combination	SLS:CHR
23214 (C)	23526	Linear Combination	SLS:CHR
23215 (C)	23527	Linear Combination	SLS:CHR
23216 (C)	23528	Linear Combination	SLS:CHR
23217 (C)	23529	Linear Combination	SLS:CHR
23218 (C)	23530	Linear Combination	SLS:CHR
23219 (C)	23531	Linear Combination	SLS:CHR
23220 (C)	23532	Linear Combination	SLS:CHR
23221 (C)	23533	Linear Combination	SLS:CHR
23222 (C)	23534	Linear Combination	SLS:CHR
23223 (C)	23535	Linear Combination	SLS:CHR
23224 (C)	23536	Linear Combination	SLS:CHR
23225 (C)	23537	Linear Combination	SLS:CHR
23226 (C)	23538	Linear Combination	SLS:CHR
23227 (C)	23539	Linear Combination	SLS:CHR
23228 (C)	23540	Linear Combination	SLS:CHR
23229 (C)	23541	Linear Combination	SLS:CHR
23230 (C)	23542	Linear Combination	SLS:CHR
23231 (C)	23543	Linear Combination	SLS:CHR
23232 (C)	23544	Linear Combination	SLS:CHR
23233 (C)	23545	Linear Combination	SLS:CHR
23234 (C)	23546	Linear Combination	SLS:CHR
23235 (C)	23547	Linear Combination	SLS:CHR
23236 (C)	23548	Linear Combination	SLS:CHR
23237 (C)	23549	Linear Combination	SLS:CHR
23238 (C)	23550	Linear Combination	SLS:CHR
23239 (C)	23551	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23240 (C)	23552	Linear Combination	SLS:CHR
23241 (C)	23553	Linear Combination	SLS:CHR
23242 (C)	23554	Linear Combination	SLS:CHR
23243 (C)	23555	Linear Combination	SLS:CHR
23244 (C)	23556	Linear Combination	SLS:CHR
23245 (C)	23557	Linear Combination	SLS:CHR
23246 (C)	23558	Linear Combination	SLS:CHR
23247 (C)	23559	Linear Combination	SLS:CHR
23248 (C)	23560	Linear Combination	SLS:CHR
23249 (C)	23561	Linear Combination	SLS:CHR
23250 (C)	23562	Linear Combination	SLS:CHR
23251 (C)	23563	Linear Combination	SLS:CHR
23252 (C)	23564	Linear Combination	SLS:CHR
23253 (C)	23565	Linear Combination	SLS:CHR
23254 (C)	23566	Linear Combination	SLS:CHR
23255 (C)	23567	Linear Combination	SLS:CHR
23256 (C)	23568	Linear Combination	SLS:CHR
23257 (C)	23569	Linear Combination	SLS:CHR
23258 (C)	23570	Linear Combination	SLS:CHR
23259 (C)	23571	Linear Combination	SLS:CHR
23260 (C)	23572	Linear Combination	SLS:CHR
23261 (C)	23573	Linear Combination	SLS:CHR
23262 (C)	23574	Linear Combination	SLS:CHR
23263 (C)	23575	Linear Combination	SLS:CHR
23264 (C)	23576	Linear Combination	SLS:CHR
23265 (C)	23577	Linear Combination	SLS:CHR
23266 (C)	23578	Linear Combination	SLS:CHR
23267 (C)	23579	Linear Combination	SLS:CHR
23268 (C)	23580	Linear Combination	SLS:CHR
23269 (C)	23581	Linear Combination	SLS:CHR
23270 (C)	23582	Linear Combination	SLS:CHR
23271 (C)	23583	Linear Combination	SLS:CHR
23272 (C)	23584	Linear Combination	SLS:CHR
23273 (C)	23585	Linear Combination	SLS:CHR
23274 (C)	23586	Linear Combination	SLS:CHR
23275 (C)	23587	Linear Combination	SLS:CHR
23276 (C)	23588	Linear Combination	SLS:CHR
23277 (C)	23589	Linear Combination	SLS:CHR
23278 (C)	23590	Linear Combination	SLS:CHR
23279 (C)	23591	Linear Combination	SLS:CHR
23280 (C)	23592	Linear Combination	SLS:CHR
23281 (C)	23593	Linear Combination	SLS:CHR
23282 (C)	23594	Linear Combination	SLS:CHR
23283 (C)	23595	Linear Combination	SLS:CHR
23284 (C)	23596	Linear Combination	SLS:CHR
23285 (C)	23597	Linear Combination	SLS:CHR
23286 (C)	23598	Linear Combination	SLS:CHR
23287 (C)	23599	Linear Combination	SLS:CHR
23288 (C)	23600	Linear Combination	SLS:CHR
23289 (C)	23601	Linear Combination	SLS:CHR
23290 (C)	23602	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23291 (C)	23603	Linear Combination	SLS:CHR
23292 (C)	23604	Linear Combination	SLS:CHR
23293 (C)	23605	Linear Combination	SLS:CHR
23294 (C)	23606	Linear Combination	SLS:CHR
23295 (C)	23607	Linear Combination	SLS:CHR
23296 (C)	23608	Linear Combination	SLS:CHR
23297 (C)	23609	Linear Combination	SLS:CHR
23298 (C)	23610	Linear Combination	SLS:CHR
23299 (C)	23611	Linear Combination	SLS:CHR
23300 (C)	23612	Linear Combination	SLS:CHR
23301 (C)	23613	Linear Combination	SLS:CHR
23302 (C)	23614	Linear Combination	SLS:CHR
23303 (C)	23615	Linear Combination	SLS:CHR
23304 (C)	23616	Linear Combination	SLS:CHR
23305 (C)	23617	Linear Combination	SLS:CHR
23306 (C)	23618	Linear Combination	SLS:CHR
23307 (C)	23619	Linear Combination	SLS:CHR
23308 (C)	23620	Linear Combination	SLS:CHR
23309 (C)	23621	Linear Combination	SLS:CHR
23310 (C)	23622	Linear Combination	SLS:CHR
23311 (C)	23623	Linear Combination	SLS:CHR
23312 (C)	23624	Linear Combination	SLS:CHR
23313 (C)	23625	Linear Combination	SLS:CHR
23314 (C)	23626	Linear Combination	SLS:CHR
23315 (C)	23627	Linear Combination	SLS:CHR
23316 (C)	23628	Linear Combination	SLS:CHR
23317 (C)	23629	Linear Combination	SLS:CHR
23318 (C)	23630	Linear Combination	SLS:CHR
23319 (C)	23631	Linear Combination	SLS:CHR
23320 (C)	23632	Linear Combination	SLS:CHR
23321 (C)	23633	Linear Combination	SLS:CHR
23322 (C)	23634	Linear Combination	SLS:CHR
23323 (C)	23635	Linear Combination	SLS:CHR
23324 (C)	23636	Linear Combination	SLS:CHR
23325 (C)	23637	Linear Combination	SLS:CHR
23326 (C)	23638	Linear Combination	SLS:CHR
23327 (C)	23639	Linear Combination	SLS:CHR
23328 (C)	23640	Linear Combination	SLS:CHR
23329 (C)	23641	Linear Combination	SLS:CHR
23330 (C)	23642	Linear Combination	SLS:CHR
23331 (C)	23643	Linear Combination	SLS:CHR
23332 (C)	23644	Linear Combination	SLS:CHR
23333 (C)	23645	Linear Combination	SLS:CHR
23334 (C)	23646	Linear Combination	SLS:CHR
23335 (C)	23647	Linear Combination	SLS:CHR
23336 (C)	23648	Linear Combination	SLS:CHR
23337 (C)	23649	Linear Combination	SLS:CHR
23338 (C)	23650	Linear Combination	SLS:CHR
23339 (C)	23651	Linear Combination	SLS:CHR
23340 (C)	23652	Linear Combination	SLS:CHR
23341 (C)	23653	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23342 (C)	23654	Linear Combination	SLS:CHR
23343 (C)	23655	Linear Combination	SLS:CHR
23344 (C)	23656	Linear Combination	SLS:CHR
23345 (C)	23657	Linear Combination	SLS:CHR
23346 (C)	23658	Linear Combination	SLS:CHR
23347 (C)	23659	Linear Combination	SLS:CHR
23348 (C)	23660	Linear Combination	SLS:CHR
23349 (C)	23661	Linear Combination	SLS:CHR
23350 (C)	23662	Linear Combination	SLS:CHR
23351 (C)	23663	Linear Combination	SLS:CHR
23352 (C)	23664	Linear Combination	SLS:CHR
23353 (C)	23665	Linear Combination	SLS:CHR
23354 (C)	23666	Linear Combination	SLS:CHR
23355 (C)	23667	Linear Combination	SLS:CHR
23356 (C)	23668	Linear Combination	SLS:CHR
23357 (C)	23669	Linear Combination	SLS:CHR
23358 (C)	23670	Linear Combination	SLS:CHR
23359 (C)	23671	Linear Combination	SLS:CHR
23360 (C)	23672	Linear Combination	SLS:CHR
23361 (C)	23673	Linear Combination	SLS:CHR
23362 (C)	23674	Linear Combination	SLS:CHR
23363 (C)	23675	Linear Combination	SLS:CHR
23364 (C)	23676	Linear Combination	SLS:CHR
23365 (C)	23677	Linear Combination	SLS:CHR
23366 (C)	23678	Linear Combination	SLS:CHR
23367 (C)	23679	Linear Combination	SLS:CHR
23368 (C)	23680	Linear Combination	SLS:CHR
23369 (C)	23681	Linear Combination	SLS:CHR
23370 (C)	23682	Linear Combination	SLS:CHR
23371 (C)	23683	Linear Combination	SLS:CHR
23372 (C)	23684	Linear Combination	SLS:CHR
23373 (C)	23685	Linear Combination	SLS:CHR
23374 (C)	23686	Linear Combination	SLS:CHR
23375 (C)	23687	Linear Combination	SLS:CHR
23376 (C)	23688	Linear Combination	SLS:CHR
23377 (C)	23689	Linear Combination	SLS:CHR
23378 (C)	23690	Linear Combination	SLS:CHR
23379 (C)	23691	Linear Combination	SLS:CHR
23380 (C)	23692	Linear Combination	SLS:CHR
23381 (C)	23693	Linear Combination	SLS:CHR
23382 (C)	23694	Linear Combination	SLS:CHR
23383 (C)	23695	Linear Combination	SLS:CHR
23384 (C)	23696	Linear Combination	SLS:CHR
23385 (C)	23697	Linear Combination	SLS:CHR
23386 (C)	23698	Linear Combination	SLS:CHR
23387 (C)	23699	Linear Combination	SLS:CHR
23388 (C)	23700	Linear Combination	SLS:CHR
23389 (C)	23701	Linear Combination	SLS:CHR
23390 (C)	23702	Linear Combination	SLS:CHR
23391 (C)	23703	Linear Combination	SLS:CHR
23392 (C)	23704	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23393 (C)	23705	Linear Combination	SLS:CHR
23394 (C)	23706	Linear Combination	SLS:CHR
23395 (C)	23707	Linear Combination	SLS:CHR
23396 (C)	23708	Linear Combination	SLS:CHR
23397 (C)	23709	Linear Combination	SLS:CHR
23398 (C)	23710	Linear Combination	SLS:CHR
23399 (C)	23711	Linear Combination	SLS:CHR
23400 (C)	23712	Linear Combination	SLS:CHR
23401 (C)	23713	Linear Combination	SLS:CHR
23402 (C)	23714	Linear Combination	SLS:CHR
23403 (C)	23715	Linear Combination	SLS:CHR
23404 (C)	23716	Linear Combination	SLS:CHR
23405 (C)	23717	Linear Combination	SLS:CHR
23406 (C)	23718	Linear Combination	SLS:CHR
23407 (C)	23719	Linear Combination	SLS:CHR
23408 (C)	23720	Linear Combination	SLS:CHR
23409 (C)	23721	Linear Combination	SLS:CHR
23410 (C)	23722	Linear Combination	SLS:CHR
23411 (C)	23723	Linear Combination	SLS:CHR
23412 (C)	23724	Linear Combination	SLS:CHR
23413 (C)	23725	Linear Combination	SLS:CHR
23414 (C)	23726	Linear Combination	SLS:CHR
23415 (C)	23727	Linear Combination	SLS:CHR
23416 (C)	23728	Linear Combination	SLS:CHR
23417 (C)	23729	Linear Combination	SLS:CHR
23418 (C)	23730	Linear Combination	SLS:CHR
23419 (C)	23731	Linear Combination	SLS:CHR
23420 (C)	23732	Linear Combination	SLS:CHR
23421 (C)	23733	Linear Combination	SLS:CHR
23422 (C)	23734	Linear Combination	SLS:CHR
23423 (C)	23735	Linear Combination	SLS:CHR
23424 (C)	23736	Linear Combination	SLS:CHR
23425 (C)	23737	Linear Combination	SLS:CHR
23426 (C)	23738	Linear Combination	SLS:CHR
23427 (C)	23739	Linear Combination	SLS:CHR
23428 (C)	23740	Linear Combination	SLS:CHR
23429 (C)	23741	Linear Combination	SLS:CHR
23430 (C)	23742	Linear Combination	SLS:CHR
23431 (C)	23743	Linear Combination	SLS:CHR
23432 (C)	23744	Linear Combination	SLS:CHR
23433 (C)	23745	Linear Combination	SLS:CHR
23434 (C)	23746	Linear Combination	SLS:CHR
23435 (C)	23747	Linear Combination	SLS:CHR
23436 (C)	23748	Linear Combination	SLS:CHR
23437 (C)	23749	Linear Combination	SLS:CHR
23438 (C)	23750	Linear Combination	SLS:CHR
23439 (C)	23751	Linear Combination	SLS:CHR
23440 (C)	23752	Linear Combination	SLS:CHR
23441 (C)	23753	Linear Combination	SLS:CHR
23442 (C)	23754	Linear Combination	SLS:CHR
23443 (C)	23755	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23444 (C)	23756	Linear Combination	SLS:CHR
23445 (C)	23757	Linear Combination	SLS:CHR
23446 (C)	23758	Linear Combination	SLS:CHR
23447 (C)	23759	Linear Combination	SLS:CHR
23448 (C)	23760	Linear Combination	SLS:CHR
23449 (C)	23761	Linear Combination	SLS:CHR
23450 (C)	23762	Linear Combination	SLS:CHR
23451 (C)	23763	Linear Combination	SLS:CHR
23452 (C)	23764	Linear Combination	SLS:CHR
23453 (C)	23765	Linear Combination	SLS:CHR
23454 (C)	23766	Linear Combination	SLS:CHR
23455 (C)	23767	Linear Combination	SLS:CHR
23456 (C)	23768	Linear Combination	SLS:CHR
23457 (C)	23769	Linear Combination	SLS:CHR
23458 (C)	23770	Linear Combination	SLS:CHR
23459 (C)	23771	Linear Combination	SLS:CHR
23460 (C)	23772	Linear Combination	SLS:CHR
23461 (C)	23773	Linear Combination	SLS:CHR
23462 (C)	23774	Linear Combination	SLS:CHR
23463 (C)	23775	Linear Combination	SLS:CHR
23464 (C)	23776	Linear Combination	SLS:CHR
23465 (C)	23777	Linear Combination	SLS:CHR
23466 (C)	23778	Linear Combination	SLS:CHR
23467 (C)	23779	Linear Combination	SLS:CHR
23468 (C)	23780	Linear Combination	SLS:CHR
23469 (C)	23781	Linear Combination	SLS:CHR
23470 (C)	23782	Linear Combination	SLS:CHR
23471 (C)	23783	Linear Combination	SLS:CHR
23472 (C)	23784	Linear Combination	SLS:CHR
23473 (C)	23785	Linear Combination	SLS:CHR
23474 (C)	23786	Linear Combination	SLS:CHR
23475 (C)	23787	Linear Combination	SLS:CHR
23476 (C)	23788	Linear Combination	SLS:CHR
23477 (C)	23789	Linear Combination	SLS:CHR
23478 (C)	23790	Linear Combination	SLS:CHR
23479 (C)	23791	Linear Combination	SLS:CHR
23480 (C)	23792	Linear Combination	SLS:CHR
23481 (C)	23793	Linear Combination	SLS:CHR
23482 (C)	23794	Linear Combination	SLS:CHR
23483 (C)	23795	Linear Combination	SLS:CHR
23484 (C)	23796	Linear Combination	SLS:CHR
23485 (C)	23797	Linear Combination	SLS:CHR
23486 (C)	23798	Linear Combination	SLS:CHR
23487 (C)	23799	Linear Combination	SLS:CHR
23488 (C)	23800	Linear Combination	SLS:CHR
23489 (C)	23801	Linear Combination	SLS:CHR
23490 (C)	23802	Linear Combination	SLS:CHR
23491 (C)	23803	Linear Combination	SLS:CHR
23492 (C)	23804	Linear Combination	SLS:CHR
23493 (C)	23805	Linear Combination	SLS:CHR
23494 (C)	23806	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23495 (C)	23807	Linear Combination	SLS:CHR
23496 (C)	23808	Linear Combination	SLS:CHR
23497 (C)	23809	Linear Combination	SLS:CHR
23498 (C)	23810	Linear Combination	SLS:CHR
23499 (C)	23811	Linear Combination	SLS:CHR
23500 (C)	23812	Linear Combination	SLS:CHR
23501 (C)	23813	Linear Combination	SLS:CHR
23502 (C)	23814	Linear Combination	SLS:CHR
23503 (C)	23815	Linear Combination	SLS:CHR
23504 (C)	23816	Linear Combination	SLS:CHR
23505 (C)	23817	Linear Combination	SLS:CHR
23506 (C)	23818	Linear Combination	SLS:CHR
23507 (C)	23819	Linear Combination	SLS:CHR
23508 (C)	23820	Linear Combination	SLS:CHR
23509 (C)	23821	Linear Combination	SLS:CHR
23510 (C)	23822	Linear Combination	SLS:CHR
23511 (C)	23823	Linear Combination	SLS:CHR
23512 (C)	23824	Linear Combination	SLS:CHR
23513 (C)	23825	Linear Combination	SLS:CHR
23514 (C)	23826	Linear Combination	SLS:CHR
23515 (C)	23827	Linear Combination	SLS:CHR
23516 (C)	23828	Linear Combination	SLS:CHR
23517 (C)	23829	Linear Combination	SLS:CHR
23518 (C)	23830	Linear Combination	SLS:CHR
23519 (C)	23831	Linear Combination	SLS:CHR
23520 (C)	23832	Linear Combination	SLS:CHR
23521 (C)	23833	Linear Combination	SLS:CHR
23522 (C)	23834	Linear Combination	SLS:CHR
23523 (C)	23835	Linear Combination	SLS:CHR
23524 (C)	23836	Linear Combination	SLS:CHR
23525 (C)	23837	Linear Combination	SLS:CHR
23526 (C)	23838	Linear Combination	SLS:CHR
23527 (C)	23839	Linear Combination	SLS:CHR
23528 (C)	23840	Linear Combination	SLS:CHR
23529 (C)	23841	Linear Combination	SLS:CHR
23530 (C)	23842	Linear Combination	SLS:CHR
23531 (C)	23843	Linear Combination	SLS:CHR
23532 (C)	23844	Linear Combination	SLS:CHR
23533 (C)	23845	Linear Combination	SLS:CHR
23534 (C)	23846	Linear Combination	SLS:CHR
23535 (C)	23847	Linear Combination	SLS:CHR
23536 (C)	23848	Linear Combination	SLS:CHR
23537 (C)	23849	Linear Combination	SLS:CHR
23538 (C)	23850	Linear Combination	SLS:CHR
23539 (C)	23851	Linear Combination	SLS:CHR
23540 (C)	23852	Linear Combination	SLS:CHR
23541 (C)	23853	Linear Combination	SLS:CHR
23542 (C)	23854	Linear Combination	SLS:CHR
23543 (C)	23855	Linear Combination	SLS:CHR
23544 (C)	23856	Linear Combination	SLS:CHR
23545 (C)	23857	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23546 (C)	23858	Linear Combination	SLS:CHR
23547 (C)	23859	Linear Combination	SLS:CHR
23548 (C)	23860	Linear Combination	SLS:CHR
23549 (C)	23861	Linear Combination	SLS:CHR
23550 (C)	23862	Linear Combination	SLS:CHR
23551 (C)	23863	Linear Combination	SLS:CHR
23552 (C)	23864	Linear Combination	SLS:CHR
23553 (C)	23865	Linear Combination	SLS:CHR
23554 (C)	23866	Linear Combination	SLS:CHR
23555 (C)	23867	Linear Combination	SLS:CHR
23556 (C)	23868	Linear Combination	SLS:CHR
23557 (C)	23869	Linear Combination	SLS:CHR
23558 (C)	23870	Linear Combination	SLS:CHR
23559 (C)	23871	Linear Combination	SLS:CHR
23560 (C)	23872	Linear Combination	SLS:CHR
23561 (C)	23873	Linear Combination	SLS:CHR
23562 (C)	23874	Linear Combination	SLS:CHR
23563 (C)	23875	Linear Combination	SLS:CHR
23564 (C)	23876	Linear Combination	SLS:CHR
23565 (C)	23877	Linear Combination	SLS:CHR
23566 (C)	23878	Linear Combination	SLS:CHR
23567 (C)	23879	Linear Combination	SLS:CHR
23568 (C)	23880	Linear Combination	SLS:CHR
23569 (C)	23881	Linear Combination	SLS:CHR
23570 (C)	23882	Linear Combination	SLS:CHR
23571 (C)	23883	Linear Combination	SLS:CHR
23572 (C)	23884	Linear Combination	SLS:CHR
23573 (C)	23885	Linear Combination	SLS:CHR
23574 (C)	23886	Linear Combination	SLS:CHR
23575 (C)	23887	Linear Combination	SLS:CHR
23576 (C)	23888	Linear Combination	SLS:CHR
23577 (C)	23889	Linear Combination	SLS:CHR
23578 (C)	23890	Linear Combination	SLS:CHR
23579 (C)	23891	Linear Combination	SLS:CHR
23580 (C)	23892	Linear Combination	SLS:CHR
23581 (C)	23893	Linear Combination	SLS:CHR
23582 (C)	23894	Linear Combination	SLS:CHR
23583 (C)	23895	Linear Combination	SLS:CHR
23584 (C)	23896	Linear Combination	SLS:CHR
23585 (C)	23897	Linear Combination	SLS:CHR
23586 (C)	23898	Linear Combination	SLS:CHR
23587 (C)	23899	Linear Combination	SLS:CHR
23588 (C)	23900	Linear Combination	SLS:CHR
23589 (C)	23901	Linear Combination	SLS:CHR
23590 (C)	23902	Linear Combination	SLS:CHR
23591 (C)	23903	Linear Combination	SLS:CHR
23592 (C)	23904	Linear Combination	SLS:CHR
23593 (C)	23905	Linear Combination	SLS:CHR
23594 (C)	23906	Linear Combination	SLS:CHR
23595 (C)	23907	Linear Combination	SLS:CHR
23596 (C)	23908	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23597 (C)	23909	Linear Combination	SLS:CHR
23598 (C)	23910	Linear Combination	SLS:CHR
23599 (C)	23911	Linear Combination	SLS:CHR
23600 (C)	23912	Linear Combination	SLS:CHR
23601 (C)	23913	Linear Combination	SLS:CHR
23602 (C)	23914	Linear Combination	SLS:CHR
23603 (C)	23915	Linear Combination	SLS:CHR
23604 (C)	23916	Linear Combination	SLS:CHR
23605 (C)	23917	Linear Combination	SLS:CHR
23606 (C)	23918	Linear Combination	SLS:CHR
23607 (C)	23919	Linear Combination	SLS:CHR
23608 (C)	23920	Linear Combination	SLS:CHR
23609 (C)	23921	Linear Combination	SLS:CHR
23610 (C)	23922	Linear Combination	SLS:CHR
23611 (C)	23923	Linear Combination	SLS:CHR
23612 (C)	23924	Linear Combination	SLS:CHR
23613 (C)	23925	Linear Combination	SLS:CHR
23614 (C)	23926	Linear Combination	SLS:CHR
23615 (C)	23927	Linear Combination	SLS:CHR
23616 (C)	23928	Linear Combination	SLS:CHR
23617 (C)	23929	Linear Combination	SLS:CHR
23618 (C)	23930	Linear Combination	SLS:CHR
23619 (C)	23931	Linear Combination	SLS:CHR
23620 (C)	23932	Linear Combination	SLS:CHR
23621 (C)	23933	Linear Combination	SLS:CHR
23622 (C)	23934	Linear Combination	SLS:CHR
23623 (C)	23935	Linear Combination	SLS:CHR
23624 (C)	23936	Linear Combination	SLS:CHR
23625 (C)	23937	Linear Combination	SLS:CHR
23626 (C)	23938	Linear Combination	SLS:CHR
23627 (C)	23939	Linear Combination	SLS:CHR
23628 (C)	23940	Linear Combination	SLS:CHR
23629 (C)	23941	Linear Combination	SLS:CHR
23630 (C)	23942	Linear Combination	SLS:CHR
23631 (C)	23943	Linear Combination	SLS:CHR
23632 (C)	23944	Linear Combination	SLS:CHR
23633 (C)	23945	Linear Combination	SLS:CHR
23634 (C)	23946	Linear Combination	SLS:CHR
23635 (C)	23947	Linear Combination	SLS:CHR
23636 (C)	23948	Linear Combination	SLS:CHR
23637 (C)	23949	Linear Combination	SLS:CHR
23638 (C)	23950	Linear Combination	SLS:CHR
23639 (C)	23951	Linear Combination	SLS:CHR
23640 (C)	23952	Linear Combination	SLS:CHR
23641 (C)	23953	Linear Combination	SLS:CHR
23642 (C)	23954	Linear Combination	SLS:CHR
23643 (C)	23955	Linear Combination	SLS:CHR
23644 (C)	23956	Linear Combination	SLS:CHR
23645 (C)	23957	Linear Combination	SLS:CHR
23646 (C)	23958	Linear Combination	SLS:CHR
23647 (C)	23959	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23648 (C)	23960	Linear Combination	SLS:CHR
23649 (C)	23961	Linear Combination	SLS:CHR
23650 (C)	23962	Linear Combination	SLS:CHR
23651 (C)	23963	Linear Combination	SLS:CHR
23652 (C)	23964	Linear Combination	SLS:CHR
23653 (C)	23965	Linear Combination	SLS:CHR
23654 (C)	23966	Linear Combination	SLS:CHR
23655 (C)	23967	Linear Combination	SLS:CHR
23656 (C)	23968	Linear Combination	SLS:CHR
23657 (C)	23969	Linear Combination	SLS:CHR
23658 (C)	23970	Linear Combination	SLS:CHR
23659 (C)	23971	Linear Combination	SLS:CHR
23660 (C)	23972	Linear Combination	SLS:CHR
23661 (C)	23973	Linear Combination	SLS:CHR
23662 (C)	23974	Linear Combination	SLS:CHR
23663 (C)	23975	Linear Combination	SLS:CHR
23664 (C)	23976	Linear Combination	SLS:CHR
23665 (C)	23977	Linear Combination	SLS:CHR
23666 (C)	23978	Linear Combination	SLS:CHR
23667 (C)	23979	Linear Combination	SLS:CHR
23668 (C)	23980	Linear Combination	SLS:CHR
23669 (C)	23981	Linear Combination	SLS:CHR
23670 (C)	23982	Linear Combination	SLS:CHR
23671 (C)	23983	Linear Combination	SLS:CHR
23672 (C)	23984	Linear Combination	SLS:CHR
23673 (C)	23985	Linear Combination	SLS:CHR
23674 (C)	23986	Linear Combination	SLS:CHR
23675 (C)	23987	Linear Combination	SLS:CHR
23676 (C)	23988	Linear Combination	SLS:CHR
23677 (C)	23989	Linear Combination	SLS:CHR
23678 (C)	23990	Linear Combination	SLS:CHR
23679 (C)	23991	Linear Combination	SLS:CHR
23680 (C)	23992	Linear Combination	SLS:CHR
23681 (C)	23993	Linear Combination	SLS:CHR
23682 (C)	23994	Linear Combination	SLS:CHR
23683 (C)	23995	Linear Combination	SLS:CHR
23684 (C)	23996	Linear Combination	SLS:CHR
23685 (C)	23997	Linear Combination	SLS:CHR
23686 (C)	23998	Linear Combination	SLS:CHR
23687 (C)	23999	Linear Combination	SLS:CHR
23688 (C)	24000	Linear Combination	SLS:CHR
23689 (C)	24001	Linear Combination	SLS:CHR
23690 (C)	24002	Linear Combination	SLS:CHR
23691 (C)	24003	Linear Combination	SLS:CHR
23692 (C)	24004	Linear Combination	SLS:CHR
23693 (C)	24005	Linear Combination	SLS:CHR
23694 (C)	24006	Linear Combination	SLS:CHR
23695 (C)	24007	Linear Combination	SLS:CHR
23696 (C)	24008	Linear Combination	SLS:CHR
23697 (C)	24009	Linear Combination	SLS:CHR
23698 (C)	24010	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23699 (C)	24011	Linear Combination	SLS:CHR
23700 (C)	24012	Linear Combination	SLS:CHR
23701 (C)	24013	Linear Combination	SLS:CHR
23702 (C)	24014	Linear Combination	SLS:CHR
23703 (C)	24015	Linear Combination	SLS:CHR
23704 (C)	24016	Linear Combination	SLS:CHR
23705 (C)	24017	Linear Combination	SLS:CHR
23706 (C)	24018	Linear Combination	SLS:CHR
23707 (C)	24019	Linear Combination	SLS:CHR
23708 (C)	24020	Linear Combination	SLS:CHR
23709 (C)	24021	Linear Combination	SLS:CHR
23710 (C)	24022	Linear Combination	SLS:CHR
23711 (C)	24023	Linear Combination	SLS:CHR
23712 (C)	24024	Linear Combination	SLS:CHR
23713 (C)	24025	Linear Combination	SLS:CHR
23714 (C)	24026	Linear Combination	SLS:CHR
23715 (C)	24027	Linear Combination	SLS:CHR
23716 (C)	24028	Linear Combination	SLS:CHR
23717 (C)	24029	Linear Combination	SLS:CHR
23718 (C)	24030	Linear Combination	SLS:CHR
23719 (C)	24031	Linear Combination	SLS:CHR
23720 (C)	24032	Linear Combination	SLS:CHR
23721 (C)	24033	Linear Combination	SLS:CHR
23722 (C)	24034	Linear Combination	SLS:CHR
23723 (C)	24035	Linear Combination	SLS:CHR
23724 (C)	24036	Linear Combination	SLS:CHR
23725 (C)	24037	Linear Combination	SLS:CHR
23726 (C)	24038	Linear Combination	SLS:CHR
23727 (C)	24039	Linear Combination	SLS:CHR
23728 (C)	24040	Linear Combination	SLS:CHR
23729 (C)	24041	Linear Combination	SLS:CHR
23730 (C)	24042	Linear Combination	SLS:CHR
23731 (C)	24043	Linear Combination	SLS:CHR
23732 (C)	24044	Linear Combination	SLS:CHR
23733 (C)	24045	Linear Combination	SLS:CHR
23734 (C)	24046	Linear Combination	SLS:CHR
23735 (C)	24047	Linear Combination	SLS:CHR
23736 (C)	24048	Linear Combination	SLS:CHR
23737 (C)	24049	Linear Combination	SLS:CHR
23738 (C)	24050	Linear Combination	SLS:CHR
23739 (C)	24051	Linear Combination	SLS:CHR
23740 (C)	24052	Linear Combination	SLS:CHR
23741 (C)	24053	Linear Combination	SLS:CHR
23742 (C)	24054	Linear Combination	SLS:CHR
23743 (C)	24055	Linear Combination	SLS:CHR
23744 (C)	24056	Linear Combination	SLS:CHR
23745 (C)	24057	Linear Combination	SLS:CHR
23746 (C)	24058	Linear Combination	SLS:CHR
23747 (C)	24059	Linear Combination	SLS:CHR
23748 (C)	24060	Linear Combination	SLS:CHR
23749 (C)	24061	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23750 (C)	24062	Linear Combination	SLS:CHR
23751 (C)	24063	Linear Combination	SLS:CHR
23752 (C)	24064	Linear Combination	SLS:CHR
23753 (C)	24065	Linear Combination	SLS:CHR
23754 (C)	24066	Linear Combination	SLS:CHR
23755 (C)	24067	Linear Combination	SLS:CHR
23756 (C)	24068	Linear Combination	SLS:CHR
23757 (C)	24069	Linear Combination	SLS:CHR
23758 (C)	24070	Linear Combination	SLS:CHR
23759 (C)	24071	Linear Combination	SLS:CHR
23760 (C)	24072	Linear Combination	SLS:CHR
23761 (C)	24073	Linear Combination	SLS:CHR
23762 (C)	24074	Linear Combination	SLS:CHR
23763 (C)	24075	Linear Combination	SLS:CHR
23764 (C)	24076	Linear Combination	SLS:CHR
23765 (C)	24077	Linear Combination	SLS:CHR
23766 (C)	24078	Linear Combination	SLS:CHR
23767 (C)	24079	Linear Combination	SLS:CHR
23768 (C)	24080	Linear Combination	SLS:CHR
23769 (C)	24081	Linear Combination	SLS:CHR
23770 (C)	24082	Linear Combination	SLS:CHR
23771 (C)	24083	Linear Combination	SLS:CHR
23772 (C)	24084	Linear Combination	SLS:CHR
23773 (C)	24085	Linear Combination	SLS:CHR
23774 (C)	24086	Linear Combination	SLS:CHR
23775 (C)	24087	Linear Combination	SLS:CHR
23776 (C)	24088	Linear Combination	SLS:CHR
23777 (C)	24089	Linear Combination	SLS:CHR
23778 (C)	24090	Linear Combination	SLS:CHR
23779 (C)	24091	Linear Combination	SLS:CHR
23780 (C)	24092	Linear Combination	SLS:CHR
23781 (C)	24093	Linear Combination	SLS:CHR
23782 (C)	24094	Linear Combination	SLS:CHR
23783 (C)	24095	Linear Combination	SLS:CHR
23784 (C)	24096	Linear Combination	SLS:CHR
23785 (C)	24097	Linear Combination	SLS:CHR
23786 (C)	24098	Linear Combination	SLS:CHR
23787 (C)	24099	Linear Combination	SLS:CHR
23788 (C)	24100	Linear Combination	SLS:CHR
23789 (C)	24101	Linear Combination	SLS:CHR
23790 (C)	24102	Linear Combination	SLS:CHR
23791 (C)	24103	Linear Combination	SLS:CHR
23792 (C)	24104	Linear Combination	SLS:CHR
23793 (C)	24105	Linear Combination	SLS:CHR
23794 (C)	24106	Linear Combination	SLS:CHR
23795 (C)	24107	Linear Combination	SLS:CHR
23796 (C)	24108	Linear Combination	SLS:CHR
23797 (C)	24109	Linear Combination	SLS:CHR
23798 (C)	24110	Linear Combination	SLS:CHR
23799 (C)	24111	Linear Combination	SLS:CHR
23800 (C)	24112	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23801 (C)	24113	Linear Combination	SLS:CHR
23802 (C)	24114	Linear Combination	SLS:CHR
23803 (C)	24115	Linear Combination	SLS:CHR
23804 (C)	24116	Linear Combination	SLS:CHR
23805 (C)	24117	Linear Combination	SLS:CHR
23806 (C)	24118	Linear Combination	SLS:CHR
23807 (C)	24119	Linear Combination	SLS:CHR
23808 (C)	24120	Linear Combination	SLS:CHR
23809 (C)	24121	Linear Combination	SLS:CHR
23810 (C)	24122	Linear Combination	SLS:CHR
23811 (C)	24123	Linear Combination	SLS:CHR
23812 (C)	24124	Linear Combination	SLS:CHR
23813 (C)	24125	Linear Combination	SLS:CHR
23814 (C)	24126	Linear Combination	SLS:CHR
23815 (C)	24127	Linear Combination	SLS:CHR
23816 (C)	24128	Linear Combination	SLS:CHR
23817 (C)	24129	Linear Combination	SLS:CHR
23818 (C)	24130	Linear Combination	SLS:CHR
23819 (C)	24131	Linear Combination	SLS:CHR
23820 (C)	24132	Linear Combination	SLS:CHR
23821 (C)	24133	Linear Combination	SLS:CHR
23822 (C)	24134	Linear Combination	SLS:CHR
23823 (C)	24135	Linear Combination	SLS:CHR
23824 (C)	24136	Linear Combination	SLS:CHR
23825 (C)	24137	Linear Combination	SLS:CHR
23826 (C)	24138	Linear Combination	SLS:CHR
23827 (C)	24139	Linear Combination	SLS:CHR
23828 (C)	24140	Linear Combination	SLS:CHR
23829 (C)	24141	Linear Combination	SLS:CHR
23830 (C)	24142	Linear Combination	SLS:CHR
23831 (C)	24143	Linear Combination	SLS:CHR
23832 (C)	24144	Linear Combination	SLS:CHR
23833 (C)	24145	Linear Combination	SLS:CHR
23834 (C)	24146	Linear Combination	SLS:CHR
23835 (C)	24147	Linear Combination	SLS:CHR
23836 (C)	24148	Linear Combination	SLS:CHR
23837 (C)	24149	Linear Combination	SLS:CHR
23838 (C)	24150	Linear Combination	SLS:CHR
23839 (C)	24151	Linear Combination	SLS:CHR
23840 (C)	24152	Linear Combination	SLS:CHR
23841 (C)	24153	Linear Combination	SLS:CHR
23842 (C)	24154	Linear Combination	SLS:CHR
23843 (C)	24155	Linear Combination	SLS:CHR
23844 (C)	24156	Linear Combination	SLS:CHR
23845 (C)	24157	Linear Combination	SLS:CHR
23846 (C)	24158	Linear Combination	SLS:CHR
23847 (C)	24159	Linear Combination	SLS:CHR
23848 (C)	24160	Linear Combination	SLS:CHR
23849 (C)	24161	Linear Combination	SLS:CHR
23850 (C)	24162	Linear Combination	SLS:CHR
23851 (C)	24163	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23852 (C)	24164	Linear Combination	SLS:CHR
23853 (C)	24165	Linear Combination	SLS:CHR
23854 (C)	24166	Linear Combination	SLS:CHR
23855 (C)	24167	Linear Combination	SLS:CHR
23856 (C)	24168	Linear Combination	SLS:CHR
23857 (C)	24169	Linear Combination	SLS:CHR
23858 (C)	24170	Linear Combination	SLS:CHR
23859 (C)	24171	Linear Combination	SLS:CHR
23860 (C)	24172	Linear Combination	SLS:CHR
23861 (C)	24173	Linear Combination	SLS:CHR
23862 (C)	24174	Linear Combination	SLS:CHR
23863 (C)	24175	Linear Combination	SLS:CHR
23864 (C)	24176	Linear Combination	SLS:CHR
23865 (C)	24177	Linear Combination	SLS:CHR
23866 (C)	24178	Linear Combination	SLS:CHR
23867 (C)	24179	Linear Combination	SLS:CHR
23868 (C)	24180	Linear Combination	SLS:CHR
23869 (C)	24181	Linear Combination	SLS:CHR
23870 (C)	24182	Linear Combination	SLS:CHR
23871 (C)	24183	Linear Combination	SLS:CHR
23872 (C)	24184	Linear Combination	SLS:CHR
23873 (C)	24185	Linear Combination	SLS:CHR
23874 (C)	24186	Linear Combination	SLS:CHR
23875 (C)	24187	Linear Combination	SLS:CHR
23876 (C)	24188	Linear Combination	SLS:CHR
23877 (C)	24189	Linear Combination	SLS:CHR
23878 (C)	24190	Linear Combination	SLS:CHR
23879 (C)	24191	Linear Combination	SLS:CHR
23880 (C)	24192	Linear Combination	SLS:CHR
23881 (C)	24193	Linear Combination	SLS:CHR
23882 (C)	24194	Linear Combination	SLS:CHR
23883 (C)	24195	Linear Combination	SLS:CHR
23884 (C)	24196	Linear Combination	SLS:CHR
23885 (C)	24197	Linear Combination	SLS:CHR
23886 (C)	24198	Linear Combination	SLS:CHR
23887 (C)	24199	Linear Combination	SLS:CHR
23888 (C)	24200	Linear Combination	SLS:CHR
23889 (C)	24201	Linear Combination	SLS:CHR
23890 (C)	24202	Linear Combination	SLS:CHR
23891 (C)	24203	Linear Combination	SLS:CHR
23892 (C)	24204	Linear Combination	SLS:CHR
23893 (C)	24205	Linear Combination	SLS:CHR
23894 (C)	24206	Linear Combination	SLS:CHR
23895 (C)	24207	Linear Combination	SLS:CHR
23896 (C)	24208	Linear Combination	SLS:CHR
23897 (C)	24209	Linear Combination	SLS:CHR
23898 (C)	24210	Linear Combination	SLS:CHR
23899 (C)	24211	Linear Combination	SLS:CHR
23900 (C)	24212	Linear Combination	SLS:CHR
23901 (C)	24213	Linear Combination	SLS:CHR
23902 (C)	24214	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23903 (C)	24215	Linear Combination	SLS:CHR
23904 (C)	24216	Linear Combination	SLS:CHR
23905 (C)	24217	Linear Combination	SLS:CHR
23906 (C)	24218	Linear Combination	SLS:CHR
23907 (C)	24219	Linear Combination	SLS:CHR
23908 (C)	24220	Linear Combination	SLS:CHR
23909 (C)	24221	Linear Combination	SLS:CHR
23910 (C)	24222	Linear Combination	SLS:CHR
23911 (C)	24223	Linear Combination	SLS:CHR
23912 (C)	24224	Linear Combination	SLS:CHR
23913 (C)	24225	Linear Combination	SLS:CHR
23914 (C)	24226	Linear Combination	SLS:CHR
23915 (C)	24227	Linear Combination	SLS:CHR
23916 (C)	24228	Linear Combination	SLS:CHR
23917 (C)	24229	Linear Combination	SLS:CHR
23918 (C)	24230	Linear Combination	SLS:CHR
23919 (C)	24231	Linear Combination	SLS:CHR
23920 (C)	24232	Linear Combination	SLS:CHR
23921 (C)	24233	Linear Combination	SLS:CHR
23922 (C)	24234	Linear Combination	SLS:CHR
23923 (C)	24235	Linear Combination	SLS:CHR
23924 (C)	24236	Linear Combination	SLS:CHR
23925 (C)	24237	Linear Combination	SLS:CHR
23926 (C)	24238	Linear Combination	SLS:CHR
23927 (C)	24239	Linear Combination	SLS:CHR
23928 (C)	24240	Linear Combination	SLS:CHR
23929 (C)	24241	Linear Combination	SLS:CHR
23930 (C)	24242	Linear Combination	SLS:CHR
23931 (C)	24243	Linear Combination	SLS:CHR
23932 (C)	24244	Linear Combination	SLS:CHR
23933 (C)	24245	Linear Combination	SLS:CHR
23934 (C)	24246	Linear Combination	SLS:CHR
23935 (C)	24247	Linear Combination	SLS:CHR
23936 (C)	24248	Linear Combination	SLS:CHR
23937 (C)	24249	Linear Combination	SLS:CHR
23938 (C)	24250	Linear Combination	SLS:CHR
23939 (C)	24251	Linear Combination	SLS:CHR
23940 (C)	24252	Linear Combination	SLS:CHR
23941 (C)	24253	Linear Combination	SLS:CHR
23942 (C)	24254	Linear Combination	SLS:CHR
23943 (C)	24255	Linear Combination	SLS:CHR
23944 (C)	24256	Linear Combination	SLS:CHR
23945 (C)	24257	Linear Combination	SLS:CHR
23946 (C)	24258	Linear Combination	SLS:CHR
23947 (C)	24259	Linear Combination	SLS:CHR
23948 (C)	24260	Linear Combination	SLS:CHR
23949 (C)	24261	Linear Combination	SLS:CHR
23950 (C)	24262	Linear Combination	SLS:CHR
23951 (C)	24263	Linear Combination	SLS:CHR
23952 (C)	24264	Linear Combination	SLS:CHR
23953 (C)	24265	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
23954 (C)	24266	Linear Combination	SLS:CHR
23955 (C)	24267	Linear Combination	SLS:CHR
23956 (C)	24268	Linear Combination	SLS:CHR
23957 (C)	24269	Linear Combination	SLS:CHR
23958 (C)	24270	Linear Combination	SLS:CHR
23959 (C)	24271	Linear Combination	SLS:CHR
23960 (C)	24272	Linear Combination	SLS:CHR
23961 (C)	24273	Linear Combination	SLS:CHR
23962 (C)	24274	Linear Combination	SLS:CHR
23963 (C)	24275	Linear Combination	SLS:CHR
23964 (C)	24276	Linear Combination	SLS:CHR
23965 (C)	24277	Linear Combination	SLS:CHR
23966 (C)	24278	Linear Combination	SLS:CHR
23967 (C)	24279	Linear Combination	SLS:CHR
23968 (C)	24280	Linear Combination	SLS:CHR
23969 (C)	24281	Linear Combination	SLS:CHR
23970 (C)	24282	Linear Combination	SLS:CHR
23971 (C)	24283	Linear Combination	SLS:CHR
23972 (C)	24284	Linear Combination	SLS:CHR
23973 (C)	24285	Linear Combination	SLS:CHR
23974 (C)	24286	Linear Combination	SLS:CHR
23975 (C)	24287	Linear Combination	SLS:CHR
23976 (C)	24288	Linear Combination	SLS:CHR
23977 (C)	24289	Linear Combination	SLS:CHR
23978 (C)	24290	Linear Combination	SLS:CHR
23979 (C)	24291	Linear Combination	SLS:CHR
23980 (C)	24292	Linear Combination	SLS:CHR
23981 (C)	24293	Linear Combination	SLS:CHR
23982 (C)	24294	Linear Combination	SLS:CHR
23983 (C)	24295	Linear Combination	SLS:CHR
23984 (C)	24296	Linear Combination	SLS:CHR
23985 (C)	24297	Linear Combination	SLS:CHR
23986 (C)	24298	Linear Combination	SLS:CHR
23987 (C)	24299	Linear Combination	SLS:CHR
23988 (C)	24300	Linear Combination	SLS:CHR
23989 (C)	24301	Linear Combination	SLS:CHR
23990 (C)	24302	Linear Combination	SLS:CHR
23991 (C)	24303	Linear Combination	SLS:CHR
23992 (C)	24304	Linear Combination	SLS:CHR
23993 (C)	24305	Linear Combination	SLS:CHR
23994 (C)	24306	Linear Combination	SLS:CHR
23995 (C)	24307	Linear Combination	SLS:CHR
23996 (C)	24308	Linear Combination	SLS:CHR
23997 (C)	24309	Linear Combination	SLS:CHR
23998 (C)	24310	Linear Combination	SLS:CHR
23999 (C)	24311	Linear Combination	SLS:CHR
24000 (C)	24312	Linear Combination	SLS:CHR
24001 (C)	24313	Linear Combination	SLS:CHR
24002 (C)	24314	Linear Combination	SLS:CHR
24003 (C)	24315	Linear Combination	SLS:CHR
24004 (C)	24316	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24005 (C)	24317	Linear Combination	SLS:CHR
24006 (C)	24318	Linear Combination	SLS:CHR
24007 (C)	24319	Linear Combination	SLS:CHR
24008 (C)	24320	Linear Combination	SLS:CHR
24009 (C)	24321	Linear Combination	SLS:CHR
24010 (C)	24322	Linear Combination	SLS:CHR
24011 (C)	24323	Linear Combination	SLS:CHR
24012 (C)	24324	Linear Combination	SLS:CHR
24013 (C)	24325	Linear Combination	SLS:CHR
24014 (C)	24326	Linear Combination	SLS:CHR
24015 (C)	24327	Linear Combination	SLS:CHR
24016 (C)	24328	Linear Combination	SLS:CHR
24017 (C)	24329	Linear Combination	SLS:CHR
24018 (C)	24330	Linear Combination	SLS:CHR
24019 (C)	24331	Linear Combination	SLS:CHR
24020 (C)	24332	Linear Combination	SLS:CHR
24021 (C)	24333	Linear Combination	SLS:CHR
24022 (C)	24334	Linear Combination	SLS:CHR
24023 (C)	24335	Linear Combination	SLS:CHR
24024 (C)	24336	Linear Combination	SLS:CHR
24025 (C)	24337	Linear Combination	SLS:CHR
24026 (C)	24338	Linear Combination	SLS:CHR
24027 (C)	24339	Linear Combination	SLS:CHR
24028 (C)	24340	Linear Combination	SLS:CHR
24029 (C)	24341	Linear Combination	SLS:CHR
24030 (C)	24342	Linear Combination	SLS:CHR
24031 (C)	24343	Linear Combination	SLS:CHR
24032 (C)	24344	Linear Combination	SLS:CHR
24033 (C)	24345	Linear Combination	SLS:CHR
24034 (C)	24346	Linear Combination	SLS:CHR
24035 (C)	24347	Linear Combination	SLS:CHR
24036 (C)	24348	Linear Combination	SLS:CHR
24037 (C)	24349	Linear Combination	SLS:CHR
24038 (C)	24350	Linear Combination	SLS:CHR
24039 (C)	24351	Linear Combination	SLS:CHR
24040 (C)	24352	Linear Combination	SLS:CHR
24041 (C)	24353	Linear Combination	SLS:CHR
24042 (C)	24354	Linear Combination	SLS:CHR
24043 (C)	24355	Linear Combination	SLS:CHR
24044 (C)	24356	Linear Combination	SLS:CHR
24045 (C)	24357	Linear Combination	SLS:CHR
24046 (C)	24358	Linear Combination	SLS:CHR
24047 (C)	24359	Linear Combination	SLS:CHR
24048 (C)	24360	Linear Combination	SLS:CHR
24049 (C)	24361	Linear Combination	SLS:CHR
24050 (C)	24362	Linear Combination	SLS:CHR
24051 (C)	24363	Linear Combination	SLS:CHR
24052 (C)	24364	Linear Combination	SLS:CHR
24053 (C)	24365	Linear Combination	SLS:CHR
24054 (C)	24366	Linear Combination	SLS:CHR
24055 (C)	24367	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24056 (C)	24368	Linear Combination	SLS:CHR
24057 (C)	24369	Linear Combination	SLS:CHR
24058 (C)	24370	Linear Combination	SLS:CHR
24059 (C)	24371	Linear Combination	SLS:CHR
24060 (C)	24372	Linear Combination	SLS:CHR
24061 (C)	24373	Linear Combination	SLS:CHR
24062 (C)	24374	Linear Combination	SLS:CHR
24063 (C)	24375	Linear Combination	SLS:CHR
24064 (C)	24376	Linear Combination	SLS:CHR
24065 (C)	24377	Linear Combination	SLS:CHR
24066 (C)	24378	Linear Combination	SLS:CHR
24067 (C)	24379	Linear Combination	SLS:CHR
24068 (C)	24380	Linear Combination	SLS:CHR
24069 (C)	24381	Linear Combination	SLS:CHR
24070 (C)	24382	Linear Combination	SLS:CHR
24071 (C)	24383	Linear Combination	SLS:CHR
24072 (C)	24384	Linear Combination	SLS:CHR
24073 (C)	24385	Linear Combination	SLS:CHR
24074 (C)	24386	Linear Combination	SLS:CHR
24075 (C)	24387	Linear Combination	SLS:CHR
24076 (C)	24388	Linear Combination	SLS:CHR
24077 (C)	24389	Linear Combination	SLS:CHR
24078 (C)	24390	Linear Combination	SLS:CHR
24079 (C)	24391	Linear Combination	SLS:CHR
24080 (C)	24392	Linear Combination	SLS:CHR
24081 (C)	24393	Linear Combination	SLS:CHR
24082 (C)	24394	Linear Combination	SLS:CHR
24083 (C)	24395	Linear Combination	SLS:CHR
24084 (C)	24396	Linear Combination	SLS:CHR
24085 (C)	24397	Linear Combination	SLS:CHR
24086 (C)	24398	Linear Combination	SLS:CHR
24087 (C)	24399	Linear Combination	SLS:CHR
24088 (C)	24400	Linear Combination	SLS:CHR
24089 (C)	24401	Linear Combination	SLS:CHR
24090 (C)	24402	Linear Combination	SLS:CHR
24091 (C)	24403	Linear Combination	SLS:CHR
24092 (C)	24404	Linear Combination	SLS:CHR
24093 (C)	24405	Linear Combination	SLS:CHR
24094 (C)	24406	Linear Combination	SLS:CHR
24095 (C)	24407	Linear Combination	SLS:CHR
24096 (C)	24408	Linear Combination	SLS:CHR
24097 (C)	24409	Linear Combination	SLS:CHR
24098 (C)	24410	Linear Combination	SLS:CHR
24099 (C)	24411	Linear Combination	SLS:CHR
24100 (C)	24412	Linear Combination	SLS:CHR
24101 (C)	24413	Linear Combination	SLS:CHR
24102 (C)	24414	Linear Combination	SLS:CHR
24103 (C)	24415	Linear Combination	SLS:CHR
24104 (C)	24416	Linear Combination	SLS:CHR
24105 (C)	24417	Linear Combination	SLS:CHR
24106 (C)	24418	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24107 (C)	24419	Linear Combination	SLS:CHR
24108 (C)	24420	Linear Combination	SLS:CHR
24109 (C)	24421	Linear Combination	SLS:CHR
24110 (C)	24422	Linear Combination	SLS:CHR
24111 (C)	24423	Linear Combination	SLS:CHR
24112 (C)	24424	Linear Combination	SLS:CHR
24113 (C)	24425	Linear Combination	SLS:CHR
24114 (C)	24426	Linear Combination	SLS:CHR
24115 (C)	24427	Linear Combination	SLS:CHR
24116 (C)	24428	Linear Combination	SLS:CHR
24117 (C)	24429	Linear Combination	SLS:CHR
24118 (C)	24430	Linear Combination	SLS:CHR
24119 (C)	24431	Linear Combination	SLS:CHR
24120 (C)	24432	Linear Combination	SLS:CHR
24121 (C)	24433	Linear Combination	SLS:CHR
24122 (C)	24434	Linear Combination	SLS:CHR
24123 (C)	24435	Linear Combination	SLS:CHR
24124 (C)	24436	Linear Combination	SLS:CHR
24125 (C)	24437	Linear Combination	SLS:CHR
24126 (C)	24438	Linear Combination	SLS:CHR
24127 (C)	24439	Linear Combination	SLS:CHR
24128 (C)	24440	Linear Combination	SLS:CHR
24129 (C)	24441	Linear Combination	SLS:CHR
24130 (C)	24442	Linear Combination	SLS:CHR
24131 (C)	24443	Linear Combination	SLS:CHR
24132 (C)	24444	Linear Combination	SLS:CHR
24133 (C)	24445	Linear Combination	SLS:CHR
24134 (C)	24446	Linear Combination	SLS:CHR
24135 (C)	24447	Linear Combination	SLS:CHR
24136 (C)	24448	Linear Combination	SLS:CHR
24137 (C)	24449	Linear Combination	SLS:CHR
24138 (C)	24450	Linear Combination	SLS:CHR
24139 (C)	24451	Linear Combination	SLS:CHR
24140 (C)	24452	Linear Combination	SLS:CHR
24141 (C)	24453	Linear Combination	SLS:CHR
24142 (C)	24454	Linear Combination	SLS:CHR
24143 (C)	24455	Linear Combination	SLS:CHR
24144 (C)	24456	Linear Combination	SLS:CHR
24145 (C)	24457	Linear Combination	SLS:CHR
24146 (C)	24458	Linear Combination	SLS:CHR
24147 (C)	24459	Linear Combination	SLS:CHR
24148 (C)	24460	Linear Combination	SLS:CHR
24149 (C)	24461	Linear Combination	SLS:CHR
24150 (C)	24462	Linear Combination	SLS:CHR
24151 (C)	24463	Linear Combination	SLS:CHR
24152 (C)	24464	Linear Combination	SLS:CHR
24153 (C)	24465	Linear Combination	SLS:CHR
24154 (C)	24466	Linear Combination	SLS:CHR
24155 (C)	24467	Linear Combination	SLS:CHR
24156 (C)	24468	Linear Combination	SLS:CHR
24157 (C)	24469	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24158 (C)	24470	Linear Combination	SLS:CHR
24159 (C)	24471	Linear Combination	SLS:CHR
24160 (C)	24472	Linear Combination	SLS:CHR
24161 (C)	24473	Linear Combination	SLS:CHR
24162 (C)	24474	Linear Combination	SLS:CHR
24163 (C)	24475	Linear Combination	SLS:CHR
24164 (C)	24476	Linear Combination	SLS:CHR
24165 (C)	24477	Linear Combination	SLS:CHR
24166 (C)	24478	Linear Combination	SLS:CHR
24167 (C)	24479	Linear Combination	SLS:CHR
24168 (C)	24480	Linear Combination	SLS:CHR
24169 (C)	24481	Linear Combination	SLS:CHR
24170 (C)	24482	Linear Combination	SLS:CHR
24171 (C)	24483	Linear Combination	SLS:CHR
24172 (C)	24484	Linear Combination	SLS:CHR
24173 (C)	24485	Linear Combination	SLS:CHR
24174 (C)	24486	Linear Combination	SLS:CHR
24175 (C)	24487	Linear Combination	SLS:CHR
24176 (C)	24488	Linear Combination	SLS:CHR
24177 (C)	24489	Linear Combination	SLS:CHR
24178 (C)	24490	Linear Combination	SLS:CHR
24179 (C)	24491	Linear Combination	SLS:CHR
24180 (C)	24492	Linear Combination	SLS:CHR
24181 (C)	24493	Linear Combination	SLS:CHR
24182 (C)	24494	Linear Combination	SLS:CHR
24183 (C)	24495	Linear Combination	SLS:CHR
24184 (C)	24496	Linear Combination	SLS:CHR
24185 (C)	24497	Linear Combination	SLS:CHR
24186 (C)	24498	Linear Combination	SLS:CHR
24187 (C)	24499	Linear Combination	SLS:CHR
24188 (C)	24500	Linear Combination	SLS:CHR
24189 (C)	24501	Linear Combination	SLS:CHR
24190 (C)	24502	Linear Combination	SLS:CHR
24191 (C)	24503	Linear Combination	SLS:CHR
24192 (C)	24504	Linear Combination	SLS:CHR
24193 (C)	24505	Linear Combination	SLS:CHR
24194 (C)	24506	Linear Combination	SLS:CHR
24195 (C)	24507	Linear Combination	SLS:CHR
24196 (C)	24508	Linear Combination	SLS:CHR
24197 (C)	24509	Linear Combination	SLS:CHR
24198 (C)	24510	Linear Combination	SLS:CHR
24199 (C)	24511	Linear Combination	SLS:CHR
24200 (C)	24512	Linear Combination	SLS:CHR
24201 (C)	24513	Linear Combination	SLS:CHR
24202 (C)	24514	Linear Combination	SLS:CHR
24203 (C)	24515	Linear Combination	SLS:CHR
24204 (C)	24516	Linear Combination	SLS:CHR
24205 (C)	24517	Linear Combination	SLS:CHR
24206 (C)	24518	Linear Combination	SLS:CHR
24207 (C)	24519	Linear Combination	SLS:CHR
24208 (C)	24520	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24209 (C)	24521	Linear Combination	SLS:CHR
24210 (C)	24522	Linear Combination	SLS:CHR
24211 (C)	24523	Linear Combination	SLS:CHR
24212 (C)	24524	Linear Combination	SLS:CHR
24213 (C)	24525	Linear Combination	SLS:CHR
24214 (C)	24526	Linear Combination	SLS:CHR
24215 (C)	24527	Linear Combination	SLS:CHR
24216 (C)	24528	Linear Combination	SLS:CHR
24217 (C)	24529	Linear Combination	SLS:CHR
24218 (C)	24530	Linear Combination	SLS:CHR
24219 (C)	24531	Linear Combination	SLS:CHR
24220 (C)	24532	Linear Combination	SLS:CHR
24221 (C)	24533	Linear Combination	SLS:CHR
24222 (C)	24534	Linear Combination	SLS:CHR
24223 (C)	24535	Linear Combination	SLS:CHR
24224 (C)	24536	Linear Combination	SLS:CHR
24225 (C)	24537	Linear Combination	SLS:CHR
24226 (C)	24538	Linear Combination	SLS:CHR
24227 (C)	24539	Linear Combination	SLS:CHR
24228 (C)	24540	Linear Combination	SLS:CHR
24229 (C)	24541	Linear Combination	SLS:CHR
24230 (C)	24542	Linear Combination	SLS:CHR
24231 (C)	24543	Linear Combination	SLS:CHR
24232 (C)	24544	Linear Combination	SLS:CHR
24233 (C)	24545	Linear Combination	SLS:CHR
24234 (C)	24546	Linear Combination	SLS:CHR
24235 (C)	24547	Linear Combination	SLS:CHR
24236 (C)	24548	Linear Combination	SLS:CHR
24237 (C)	24549	Linear Combination	SLS:CHR
24238 (C)	24550	Linear Combination	SLS:CHR
24239 (C)	24551	Linear Combination	SLS:CHR
24240 (C)	24552	Linear Combination	SLS:CHR
24241 (C)	24553	Linear Combination	SLS:CHR
24242 (C)	24554	Linear Combination	SLS:CHR
24243 (C)	24555	Linear Combination	SLS:CHR
24244 (C)	24556	Linear Combination	SLS:CHR
24245 (C)	24557	Linear Combination	SLS:CHR
24246 (C)	24558	Linear Combination	SLS:CHR
24247 (C)	24559	Linear Combination	SLS:CHR
24248 (C)	24560	Linear Combination	SLS:CHR
24249 (C)	24561	Linear Combination	SLS:CHR
24250 (C)	24562	Linear Combination	SLS:CHR
24251 (C)	24563	Linear Combination	SLS:CHR
24252 (C)	24564	Linear Combination	SLS:CHR
24253 (C)	24565	Linear Combination	SLS:CHR
24254 (C)	24566	Linear Combination	SLS:CHR
24255 (C)	24567	Linear Combination	SLS:CHR
24256 (C)	24568	Linear Combination	SLS:CHR
24257 (C)	24569	Linear Combination	SLS:CHR
24258 (C)	24570	Linear Combination	SLS:CHR
24259 (C)	24571	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24260 (C)	24572	Linear Combination	SLS:CHR
24261 (C)	24573	Linear Combination	SLS:CHR
24262 (C)	24574	Linear Combination	SLS:CHR
24263 (C)	24575	Linear Combination	SLS:CHR
24264 (C)	24576	Linear Combination	SLS:CHR
24265 (C)	24577	Linear Combination	SLS:CHR
24266 (C)	24578	Linear Combination	SLS:CHR
24267 (C)	24579	Linear Combination	SLS:CHR
24268 (C)	24580	Linear Combination	SLS:CHR
24269 (C)	24581	Linear Combination	SLS:CHR
24270 (C)	24582	Linear Combination	SLS:CHR
24271 (C)	24583	Linear Combination	SLS:CHR
24272 (C)	24584	Linear Combination	SLS:CHR
24273 (C)	24585	Linear Combination	SLS:CHR
24274 (C)	24586	Linear Combination	SLS:CHR
24275 (C)	24587	Linear Combination	SLS:CHR
24276 (C)	24588	Linear Combination	SLS:CHR
24277 (C)	24589	Linear Combination	SLS:CHR
24278 (C)	24590	Linear Combination	SLS:CHR
24279 (C)	24591	Linear Combination	SLS:CHR
24280 (C)	24592	Linear Combination	SLS:CHR
24281 (C)	24593	Linear Combination	SLS:CHR
24282 (C)	24594	Linear Combination	SLS:CHR
24283 (C)	24595	Linear Combination	SLS:CHR
24284 (C)	24596	Linear Combination	SLS:CHR
24285 (C)	24597	Linear Combination	SLS:CHR
24286 (C)	24598	Linear Combination	SLS:CHR
24287 (C)	24599	Linear Combination	SLS:CHR
24288 (C)	24600	Linear Combination	SLS:CHR
24289 (C)	24601	Linear Combination	SLS:CHR
24290 (C)	24602	Linear Combination	SLS:CHR
24291 (C)	24603	Linear Combination	SLS:CHR
24292 (C)	24604	Linear Combination	SLS:CHR
24293 (C)	24605	Linear Combination	SLS:CHR
24294 (C)	24606	Linear Combination	SLS:CHR
24295 (C)	24607	Linear Combination	SLS:CHR
24296 (C)	24608	Linear Combination	SLS:CHR
24297 (C)	24609	Linear Combination	SLS:CHR
24298 (C)	24610	Linear Combination	SLS:CHR
24299 (C)	24611	Linear Combination	SLS:CHR
24300 (C)	24612	Linear Combination	SLS:CHR
24301 (C)	24613	Linear Combination	SLS:CHR
24302 (C)	24614	Linear Combination	SLS:CHR
24303 (C)	24615	Linear Combination	SLS:CHR
24304 (C)	24616	Linear Combination	SLS:CHR
24305 (C)	24617	Linear Combination	SLS:CHR
24306 (C)	24618	Linear Combination	SLS:CHR
24307 (C)	24619	Linear Combination	SLS:CHR
24308 (C)	24620	Linear Combination	SLS:CHR
24309 (C)	24621	Linear Combination	SLS:CHR
24310 (C)	24622	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24311 (C)	24623	Linear Combination	SLS:CHR
24312 (C)	24624	Linear Combination	SLS:CHR
24313 (C)	24625	Linear Combination	SLS:CHR
24314 (C)	24626	Linear Combination	SLS:CHR
24315 (C)	24627	Linear Combination	SLS:CHR
24316 (C)	24628	Linear Combination	SLS:CHR
24317 (C)	24629	Linear Combination	SLS:CHR
24318 (C)	24630	Linear Combination	SLS:CHR
24319 (C)	24631	Linear Combination	SLS:CHR
24320 (C)	24632	Linear Combination	SLS:CHR
24321 (C)	24633	Linear Combination	SLS:CHR
24322 (C)	24634	Linear Combination	SLS:CHR
24323 (C)	24635	Linear Combination	SLS:CHR
24324 (C)	24636	Linear Combination	SLS:CHR
24325 (C)	24637	Linear Combination	SLS:CHR
24326 (C)	24638	Linear Combination	SLS:CHR
24327 (C)	24639	Linear Combination	SLS:CHR
24328 (C)	24640	Linear Combination	SLS:CHR
24329 (C)	24641	Linear Combination	SLS:CHR
24330 (C)	24642	Linear Combination	SLS:CHR
24331 (C)	24643	Linear Combination	SLS:CHR
24332 (C)	24644	Linear Combination	SLS:CHR
24333 (C)	24645	Linear Combination	SLS:CHR
24334 (C)	24646	Linear Combination	SLS:CHR
24335 (C)	24647	Linear Combination	SLS:CHR
24336 (C)	24648	Linear Combination	SLS:CHR
24337 (C)	24649	Linear Combination	SLS:CHR
24338 (C)	24650	Linear Combination	SLS:CHR
24339 (C)	24651	Linear Combination	SLS:CHR
24340 (C)	24652	Linear Combination	SLS:CHR
24341 (C)	24653	Linear Combination	SLS:CHR
24342 (C)	24654	Linear Combination	SLS:CHR
24343 (C)	24655	Linear Combination	SLS:CHR
24344 (C)	24656	Linear Combination	SLS:CHR
24345 (C)	24657	Linear Combination	SLS:CHR
24346 (C)	24658	Linear Combination	SLS:CHR
24347 (C)	24659	Linear Combination	SLS:CHR
24348 (C)	24660	Linear Combination	SLS:CHR
24349 (C)	24661	Linear Combination	SLS:CHR
24350 (C)	24662	Linear Combination	SLS:CHR
24351 (C)	24663	Linear Combination	SLS:CHR
24352 (C)	24664	Linear Combination	SLS:CHR
24353 (C)	24665	Linear Combination	SLS:CHR
24354 (C)	24666	Linear Combination	SLS:CHR
24355 (C)	24667	Linear Combination	SLS:CHR
24356 (C)	24668	Linear Combination	SLS:CHR
24357 (C)	24669	Linear Combination	SLS:CHR
24358 (C)	24670	Linear Combination	SLS:CHR
24359 (C)	24671	Linear Combination	SLS:CHR
24360 (C)	24672	Linear Combination	SLS:CHR
24361 (C)	24673	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24362 (C)	24674	Linear Combination	SLS:CHR
24363 (C)	24675	Linear Combination	SLS:CHR
24364 (C)	24676	Linear Combination	SLS:CHR
24365 (C)	24677	Linear Combination	SLS:CHR
24366 (C)	24678	Linear Combination	SLS:CHR
24367 (C)	24679	Linear Combination	SLS:CHR
24368 (C)	24680	Linear Combination	SLS:CHR
24369 (C)	24681	Linear Combination	SLS:CHR
24370 (C)	24682	Linear Combination	SLS:CHR
24371 (C)	24683	Linear Combination	SLS:CHR
24372 (C)	24684	Linear Combination	SLS:CHR
24373 (C)	24685	Linear Combination	SLS:CHR
24374 (C)	24686	Linear Combination	SLS:CHR
24375 (C)	24687	Linear Combination	SLS:CHR
24376 (C)	24688	Linear Combination	SLS:CHR
24377 (C)	24689	Linear Combination	SLS:CHR
24378 (C)	24690	Linear Combination	SLS:CHR
24379 (C)	24691	Linear Combination	SLS:CHR
24380 (C)	24692	Linear Combination	SLS:CHR
24381 (C)	24693	Linear Combination	SLS:CHR
24382 (C)	24694	Linear Combination	SLS:CHR
24383 (C)	24695	Linear Combination	SLS:CHR
24384 (C)	24696	Linear Combination	SLS:CHR
24385 (C)	24697	Linear Combination	SLS:CHR
24386 (C)	24698	Linear Combination	SLS:CHR
24387 (C)	24699	Linear Combination	SLS:CHR
24388 (C)	24700	Linear Combination	SLS:CHR
24389 (C)	24701	Linear Combination	SLS:CHR
24390 (C)	24702	Linear Combination	SLS:CHR
24391 (C)	24703	Linear Combination	SLS:CHR
24392 (C)	24704	Linear Combination	SLS:CHR
24393 (C)	24705	Linear Combination	SLS:CHR
24394 (C)	24706	Linear Combination	SLS:CHR
24395 (C)	24707	Linear Combination	SLS:CHR
24396 (C)	24708	Linear Combination	SLS:CHR
24397 (C)	24709	Linear Combination	SLS:CHR
24398 (C)	24710	Linear Combination	SLS:CHR
24399 (C)	24711	Linear Combination	SLS:CHR
24400 (C)	24712	Linear Combination	SLS:CHR
24401 (C)	24713	Linear Combination	SLS:CHR
24402 (C)	24714	Linear Combination	SLS:CHR
24403 (C)	24715	Linear Combination	SLS:CHR
24404 (C)	24716	Linear Combination	SLS:CHR
24405 (C)	24717	Linear Combination	SLS:CHR
24406 (C)	24718	Linear Combination	SLS:CHR
24407 (C)	24719	Linear Combination	SLS:CHR
24408 (C)	24720	Linear Combination	SLS:CHR
24409 (C)	24721	Linear Combination	SLS:CHR
24410 (C)	24722	Linear Combination	SLS:CHR
24411 (C)	24723	Linear Combination	SLS:CHR
24412 (C)	24724	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24413 (C)	24725	Linear Combination	SLS:CHR
24414 (C)	24726	Linear Combination	SLS:CHR
24415 (C)	24727	Linear Combination	SLS:CHR
24416 (C)	24728	Linear Combination	SLS:CHR
24417 (C)	24729	Linear Combination	SLS:CHR
24418 (C)	24730	Linear Combination	SLS:CHR
24419 (C)	24731	Linear Combination	SLS:CHR
24420 (C)	24732	Linear Combination	SLS:CHR
24421 (C)	24733	Linear Combination	SLS:CHR
24422 (C)	24734	Linear Combination	SLS:CHR
24423 (C)	24735	Linear Combination	SLS:CHR
24424 (C)	24736	Linear Combination	SLS:CHR
24425 (C)	24737	Linear Combination	SLS:CHR
24426 (C)	24738	Linear Combination	SLS:CHR
24427 (C)	24739	Linear Combination	SLS:CHR
24428 (C)	24740	Linear Combination	SLS:CHR
24429 (C)	24741	Linear Combination	SLS:CHR
24430 (C)	24742	Linear Combination	SLS:CHR
24431 (C)	24743	Linear Combination	SLS:CHR
24432 (C)	24744	Linear Combination	SLS:CHR
24433 (C)	24745	Linear Combination	SLS:CHR
24434 (C)	24746	Linear Combination	SLS:CHR
24435 (C)	24747	Linear Combination	SLS:CHR
24436 (C)	24748	Linear Combination	SLS:CHR
24437 (C)	24749	Linear Combination	SLS:CHR
24438 (C)	24750	Linear Combination	SLS:CHR
24439 (C)	24751	Linear Combination	SLS:CHR
24440 (C)	24752	Linear Combination	SLS:CHR
24441 (C)	24753	Linear Combination	SLS:CHR
24442 (C)	24754	Linear Combination	SLS:CHR
24443 (C)	24755	Linear Combination	SLS:CHR
24444 (C)	24756	Linear Combination	SLS:CHR
24445 (C)	24757	Linear Combination	SLS:CHR
24446 (C)	24758	Linear Combination	SLS:CHR
24447 (C)	24759	Linear Combination	SLS:CHR
24448 (C)	24760	Linear Combination	SLS:CHR
24449 (C)	24761	Linear Combination	SLS:CHR
24450 (C)	24762	Linear Combination	SLS:CHR
24451 (C)	24763	Linear Combination	SLS:CHR
24452 (C)	24764	Linear Combination	SLS:CHR
24453 (C)	24765	Linear Combination	SLS:CHR
24454 (C)	24766	Linear Combination	SLS:CHR
24455 (C)	24767	Linear Combination	SLS:CHR
24456 (C)	24768	Linear Combination	SLS:CHR
24457 (C)	24769	Linear Combination	SLS:CHR
24458 (C)	24770	Linear Combination	SLS:CHR
24459 (C)	24771	Linear Combination	SLS:CHR
24460 (C)	24772	Linear Combination	SLS:CHR
24461 (C)	24773	Linear Combination	SLS:CHR
24462 (C)	24774	Linear Combination	SLS:CHR
24463 (C)	24775	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24464 (C)	24776	Linear Combination	SLS:CHR
24465 (C)	24777	Linear Combination	SLS:CHR
24466 (C)	24778	Linear Combination	SLS:CHR
24467 (C)	24779	Linear Combination	SLS:CHR
24468 (C)	24780	Linear Combination	SLS:CHR
24469 (C)	24781	Linear Combination	SLS:CHR
24470 (C)	24782	Linear Combination	SLS:CHR
24471 (C)	24783	Linear Combination	SLS:CHR
24472 (C)	24784	Linear Combination	SLS:CHR
24473 (C)	24785	Linear Combination	SLS:CHR
24474 (C)	24786	Linear Combination	SLS:CHR
24475 (C)	24787	Linear Combination	SLS:CHR
24476 (C)	24788	Linear Combination	SLS:CHR
24477 (C)	24789	Linear Combination	SLS:CHR
24478 (C)	24790	Linear Combination	SLS:CHR
24479 (C)	24791	Linear Combination	SLS:CHR
24480 (C)	24792	Linear Combination	SLS:CHR
24481 (C)	25001	Linear Combination	SLS:CHR
24482 (C)	25002	Linear Combination	SLS:CHR
24483 (C)	25003	Linear Combination	SLS:CHR
24484 (C)	25004	Linear Combination	SLS:CHR
24485 (C)	25005	Linear Combination	SLS:CHR
24486 (C)	25006	Linear Combination	SLS:CHR
24487 (C)	25007	Linear Combination	SLS:CHR
24488 (C)	25008	Linear Combination	SLS:CHR
24489 (C)	25009	Linear Combination	SLS:CHR
24490 (C)	25010	Linear Combination	SLS:CHR
24491 (C)	25011	Linear Combination	SLS:CHR
24492 (C)	25012	Linear Combination	SLS:CHR
24493 (C)	25013	Linear Combination	SLS:CHR
24494 (C)	25014	Linear Combination	SLS:CHR
24495 (C)	25015	Linear Combination	SLS:CHR
24496 (C)	25016	Linear Combination	SLS:CHR
24497 (C)	25017	Linear Combination	SLS:CHR
24498 (C)	25018	Linear Combination	SLS:CHR
24499 (C)	25019	Linear Combination	SLS:CHR
24500 (C)	25020	Linear Combination	SLS:CHR
24501 (C)	25021	Linear Combination	SLS:CHR
24502 (C)	25022	Linear Combination	SLS:CHR
24503 (C)	25023	Linear Combination	SLS:CHR
24504 (C)	25024	Linear Combination	SLS:CHR
24505 (C)	25025	Linear Combination	SLS:CHR
24506 (C)	25026	Linear Combination	SLS:CHR
24507 (C)	25027	Linear Combination	SLS:CHR
24508 (C)	25028	Linear Combination	SLS:CHR
24509 (C)	25029	Linear Combination	SLS:CHR
24510 (C)	25030	Linear Combination	SLS:CHR
24511 (C)	25031	Linear Combination	SLS:CHR
24512 (C)	25032	Linear Combination	SLS:CHR
24513 (C)	25033	Linear Combination	SLS:CHR
24514 (C)	25034	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24515 (C)	25035	Linear Combination	SLS:CHR
24516 (C)	25036	Linear Combination	SLS:CHR
24517 (C)	25037	Linear Combination	SLS:CHR
24518 (C)	25038	Linear Combination	SLS:CHR
24519 (C)	25039	Linear Combination	SLS:CHR
24520 (C)	25040	Linear Combination	SLS:CHR
24521 (C)	25041	Linear Combination	SLS:CHR
24522 (C)	25042	Linear Combination	SLS:CHR
24523 (C)	25043	Linear Combination	SLS:CHR
24524 (C)	25044	Linear Combination	SLS:CHR
24525 (C)	25045	Linear Combination	SLS:CHR
24526 (C)	25046	Linear Combination	SLS:CHR
24527 (C)	25047	Linear Combination	SLS:CHR
24528 (C)	25048	Linear Combination	SLS:CHR
24529 (C)	25049	Linear Combination	SLS:CHR
24530 (C)	25050	Linear Combination	SLS:CHR
24531 (C)	25051	Linear Combination	SLS:CHR
24532 (C)	25052	Linear Combination	SLS:CHR
24533 (C)	25053	Linear Combination	SLS:CHR
24534 (C)	25054	Linear Combination	SLS:CHR
24535 (C)	25055	Linear Combination	SLS:CHR
24536 (C)	25056	Linear Combination	SLS:CHR
24537 (C)	25057	Linear Combination	SLS:CHR
24538 (C)	25058	Linear Combination	SLS:CHR
24539 (C)	25059	Linear Combination	SLS:CHR
24540 (C)	25060	Linear Combination	SLS:CHR
24541 (C)	25061	Linear Combination	SLS:CHR
24542 (C)	25062	Linear Combination	SLS:CHR
24543 (C)	25063	Linear Combination	SLS:CHR
24544 (C)	25064	Linear Combination	SLS:CHR
24545 (C)	25065	Linear Combination	SLS:CHR
24546 (C)	25066	Linear Combination	SLS:CHR
24547 (C)	25067	Linear Combination	SLS:CHR
24548 (C)	25068	Linear Combination	SLS:CHR
24549 (C)	25069	Linear Combination	SLS:CHR
24550 (C)	25070	Linear Combination	SLS:CHR
24551 (C)	25071	Linear Combination	SLS:CHR
24552 (C)	25072	Linear Combination	SLS:CHR
24553 (C)	25073	Linear Combination	SLS:CHR
24554 (C)	25074	Linear Combination	SLS:CHR
24555 (C)	25075	Linear Combination	SLS:CHR
24556 (C)	25076	Linear Combination	SLS:CHR
24557 (C)	25077	Linear Combination	SLS:CHR
24558 (C)	25078	Linear Combination	SLS:CHR
24559 (C)	25079	Linear Combination	SLS:CHR
24560 (C)	25080	Linear Combination	SLS:CHR
24561 (C)	25081	Linear Combination	SLS:CHR
24562 (C)	25082	Linear Combination	SLS:CHR
24563 (C)	25083	Linear Combination	SLS:CHR
24564 (C)	25084	Linear Combination	SLS:CHR
24565 (C)	25085	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24566 (C)	25086	Linear Combination	SLS:CHR
24567 (C)	25087	Linear Combination	SLS:CHR
24568 (C)	25088	Linear Combination	SLS:CHR
24569 (C)	25089	Linear Combination	SLS:CHR
24570 (C)	25090	Linear Combination	SLS:CHR
24571 (C)	25091	Linear Combination	SLS:CHR
24572 (C)	25092	Linear Combination	SLS:CHR
24573 (C)	25093	Linear Combination	SLS:CHR
24574 (C)	25094	Linear Combination	SLS:CHR
24575 (C)	25095	Linear Combination	SLS:CHR
24576 (C)	25096	Linear Combination	SLS:CHR
24577 (C)	25097	Linear Combination	SLS:CHR
24578 (C)	25098	Linear Combination	SLS:CHR
24579 (C)	25099	Linear Combination	SLS:CHR
24580 (C)	25100	Linear Combination	SLS:CHR
24581 (C)	25101	Linear Combination	SLS:CHR
24582 (C)	25102	Linear Combination	SLS:CHR
24583 (C)	25103	Linear Combination	SLS:CHR
24584 (C)	25104	Linear Combination	SLS:CHR
24585 (C)	25105	Linear Combination	SLS:CHR
24586 (C)	25106	Linear Combination	SLS:CHR
24587 (C)	25107	Linear Combination	SLS:CHR
24588 (C)	25108	Linear Combination	SLS:CHR
24589 (C)	25109	Linear Combination	SLS:CHR
24590 (C)	25110	Linear Combination	SLS:CHR
24591 (C)	25111	Linear Combination	SLS:CHR
24592 (C)	25112	Linear Combination	SLS:CHR
24593 (C)	25113	Linear Combination	SLS:CHR
24594 (C)	25114	Linear Combination	SLS:CHR
24595 (C)	25115	Linear Combination	SLS:CHR
24596 (C)	25116	Linear Combination	SLS:CHR
24597 (C)	25117	Linear Combination	SLS:CHR
24598 (C)	25118	Linear Combination	SLS:CHR
24599 (C)	25119	Linear Combination	SLS:CHR
24600 (C)	25120	Linear Combination	SLS:CHR
24601 (C)	25121	Linear Combination	SLS:CHR
24602 (C)	25122	Linear Combination	SLS:CHR
24603 (C)	25123	Linear Combination	SLS:CHR
24604 (C)	25124	Linear Combination	SLS:CHR
24605 (C)	25125	Linear Combination	SLS:CHR
24606 (C)	25126	Linear Combination	SLS:CHR
24607 (C)	25127	Linear Combination	SLS:CHR
24608 (C)	25128	Linear Combination	SLS:CHR
24609 (C)	25129	Linear Combination	SLS:CHR
24610 (C)	25130	Linear Combination	SLS:CHR
24611 (C)	25131	Linear Combination	SLS:CHR
24612 (C)	25132	Linear Combination	SLS:CHR
24613 (C)	25133	Linear Combination	SLS:CHR
24614 (C)	25134	Linear Combination	SLS:CHR
24615 (C)	25135	Linear Combination	SLS:CHR
24616 (C)	25136	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24617 (C)	25137	Linear Combination	SLS:CHR
24618 (C)	25138	Linear Combination	SLS:CHR
24619 (C)	25139	Linear Combination	SLS:CHR
24620 (C)	25140	Linear Combination	SLS:CHR
24621 (C)	25141	Linear Combination	SLS:CHR
24622 (C)	25142	Linear Combination	SLS:CHR
24623 (C)	25143	Linear Combination	SLS:CHR
24624 (C)	25144	Linear Combination	SLS:CHR
24625 (C)	25145	Linear Combination	SLS:CHR
24626 (C)	25146	Linear Combination	SLS:CHR
24627 (C)	25147	Linear Combination	SLS:CHR
24628 (C)	25148	Linear Combination	SLS:CHR
24629 (C)	25149	Linear Combination	SLS:CHR
24630 (C)	25150	Linear Combination	SLS:CHR
24631 (C)	25151	Linear Combination	SLS:CHR
24632 (C)	25152	Linear Combination	SLS:CHR
24633 (C)	25153	Linear Combination	SLS:CHR
24634 (C)	25154	Linear Combination	SLS:CHR
24635 (C)	25155	Linear Combination	SLS:CHR
24636 (C)	25156	Linear Combination	SLS:CHR
24637 (C)	25157	Linear Combination	SLS:CHR
24638 (C)	25158	Linear Combination	SLS:CHR
24639 (C)	25159	Linear Combination	SLS:CHR
24640 (C)	25160	Linear Combination	SLS:CHR
24641 (C)	25161	Linear Combination	SLS:CHR
24642 (C)	25162	Linear Combination	SLS:CHR
24643 (C)	25163	Linear Combination	SLS:CHR
24644 (C)	25164	Linear Combination	SLS:CHR
24645 (C)	25165	Linear Combination	SLS:CHR
24646 (C)	25166	Linear Combination	SLS:CHR
24647 (C)	25167	Linear Combination	SLS:CHR
24648 (C)	25168	Linear Combination	SLS:CHR
24649 (C)	25169	Linear Combination	SLS:CHR
24650 (C)	25170	Linear Combination	SLS:CHR
24651 (C)	25171	Linear Combination	SLS:CHR
24652 (C)	25172	Linear Combination	SLS:CHR
24653 (C)	25173	Linear Combination	SLS:CHR
24654 (C)	25174	Linear Combination	SLS:CHR
24655 (C)	25175	Linear Combination	SLS:CHR
24656 (C)	25176	Linear Combination	SLS:CHR
24657 (C)	25177	Linear Combination	SLS:CHR
24658 (C)	25178	Linear Combination	SLS:CHR
24659 (C)	25179	Linear Combination	SLS:CHR
24660 (C)	25180	Linear Combination	SLS:CHR
24661 (C)	25181	Linear Combination	SLS:CHR
24662 (C)	25182	Linear Combination	SLS:CHR
24663 (C)	25183	Linear Combination	SLS:CHR
24664 (C)	25184	Linear Combination	SLS:CHR
24665 (C)	25185	Linear Combination	SLS:CHR
24666 (C)	25186	Linear Combination	SLS:CHR
24667 (C)	25187	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24668 (C)	25188	Linear Combination	SLS:CHR
24669 (C)	25189	Linear Combination	SLS:CHR
24670 (C)	25190	Linear Combination	SLS:CHR
24671 (C)	25191	Linear Combination	SLS:CHR
24672 (C)	25192	Linear Combination	SLS:CHR
24673 (C)	25193	Linear Combination	SLS:CHR
24674 (C)	25194	Linear Combination	SLS:CHR
24675 (C)	25195	Linear Combination	SLS:CHR
24676 (C)	25196	Linear Combination	SLS:CHR
24677 (C)	25197	Linear Combination	SLS:CHR
24678 (C)	25198	Linear Combination	SLS:CHR
24679 (C)	25199	Linear Combination	SLS:CHR
24680 (C)	25200	Linear Combination	SLS:CHR
24681 (C)	25201	Linear Combination	SLS:CHR
24682 (C)	25202	Linear Combination	SLS:CHR
24683 (C)	25203	Linear Combination	SLS:CHR
24684 (C)	25204	Linear Combination	SLS:CHR
24685 (C)	25205	Linear Combination	SLS:CHR
24686 (C)	25206	Linear Combination	SLS:CHR
24687 (C)	25207	Linear Combination	SLS:CHR
24688 (C)	25208	Linear Combination	SLS:CHR
24689 (C)	25209	Linear Combination	SLS:CHR
24690 (C)	25210	Linear Combination	SLS:CHR
24691 (C)	25211	Linear Combination	SLS:CHR
24692 (C)	25212	Linear Combination	SLS:CHR
24693 (C)	25213	Linear Combination	SLS:CHR
24694 (C)	25214	Linear Combination	SLS:CHR
24695 (C)	25215	Linear Combination	SLS:CHR
24696 (C)	25216	Linear Combination	SLS:CHR
24697 (C)	25217	Linear Combination	SLS:CHR
24698 (C)	25218	Linear Combination	SLS:CHR
24699 (C)	25219	Linear Combination	SLS:CHR
24700 (C)	25220	Linear Combination	SLS:CHR
24701 (C)	25221	Linear Combination	SLS:CHR
24702 (C)	25222	Linear Combination	SLS:CHR
24703 (C)	25223	Linear Combination	SLS:CHR
24704 (C)	25224	Linear Combination	SLS:CHR
24705 (C)	25225	Linear Combination	SLS:CHR
24706 (C)	25226	Linear Combination	SLS:CHR
24707 (C)	25227	Linear Combination	SLS:CHR
24708 (C)	25228	Linear Combination	SLS:CHR
24709 (C)	25229	Linear Combination	SLS:CHR
24710 (C)	25230	Linear Combination	SLS:CHR
24711 (C)	25231	Linear Combination	SLS:CHR
24712 (C)	25232	Linear Combination	SLS:CHR
24713 (C)	25233	Linear Combination	SLS:CHR
24714 (C)	25234	Linear Combination	SLS:CHR
24715 (C)	25235	Linear Combination	SLS:CHR
24716 (C)	25236	Linear Combination	SLS:CHR
24717 (C)	25237	Linear Combination	SLS:CHR
24718 (C)	25238	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24719 (C)	25239	Linear Combination	SLS:CHR
24720 (C)	25240	Linear Combination	SLS:CHR
24721 (C)	25241	Linear Combination	SLS:CHR
24722 (C)	25242	Linear Combination	SLS:CHR
24723 (C)	25243	Linear Combination	SLS:CHR
24724 (C)	25244	Linear Combination	SLS:CHR
24725 (C)	25245	Linear Combination	SLS:CHR
24726 (C)	25246	Linear Combination	SLS:CHR
24727 (C)	25247	Linear Combination	SLS:CHR
24728 (C)	25248	Linear Combination	SLS:CHR
24729 (C)	25249	Linear Combination	SLS:CHR
24730 (C)	25250	Linear Combination	SLS:CHR
24731 (C)	25251	Linear Combination	SLS:CHR
24732 (C)	25252	Linear Combination	SLS:CHR
24733 (C)	25253	Linear Combination	SLS:CHR
24734 (C)	25254	Linear Combination	SLS:CHR
24735 (C)	25255	Linear Combination	SLS:CHR
24736 (C)	25256	Linear Combination	SLS:CHR
24737 (C)	25257	Linear Combination	SLS:CHR
24738 (C)	25258	Linear Combination	SLS:CHR
24739 (C)	25259	Linear Combination	SLS:CHR
24740 (C)	25260	Linear Combination	SLS:CHR
24741 (C)	25261	Linear Combination	SLS:CHR
24742 (C)	25262	Linear Combination	SLS:CHR
24743 (C)	25263	Linear Combination	SLS:CHR
24744 (C)	25264	Linear Combination	SLS:CHR
24745 (C)	25265	Linear Combination	SLS:CHR
24746 (C)	25266	Linear Combination	SLS:CHR
24747 (C)	25267	Linear Combination	SLS:CHR
24748 (C)	25268	Linear Combination	SLS:CHR
24749 (C)	25269	Linear Combination	SLS:CHR
24750 (C)	25270	Linear Combination	SLS:CHR
24751 (C)	25271	Linear Combination	SLS:CHR
24752 (C)	25272	Linear Combination	SLS:CHR
24753 (C)	25273	Linear Combination	SLS:CHR
24754 (C)	25274	Linear Combination	SLS:CHR
24755 (C)	25275	Linear Combination	SLS:CHR
24756 (C)	25276	Linear Combination	SLS:CHR
24757 (C)	25277	Linear Combination	SLS:CHR
24758 (C)	25278	Linear Combination	SLS:CHR
24759 (C)	25279	Linear Combination	SLS:CHR
24760 (C)	25280	Linear Combination	SLS:CHR
24761 (C)	25281	Linear Combination	SLS:CHR
24762 (C)	25282	Linear Combination	SLS:CHR
24763 (C)	25283	Linear Combination	SLS:CHR
24764 (C)	25284	Linear Combination	SLS:CHR
24765 (C)	25285	Linear Combination	SLS:CHR
24766 (C)	25286	Linear Combination	SLS:CHR
24767 (C)	25287	Linear Combination	SLS:CHR
24768 (C)	25288	Linear Combination	SLS:CHR
24769 (C)	25289	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24770 (C)	25290	Linear Combination	SLS:CHR
24771 (C)	25291	Linear Combination	SLS:CHR
24772 (C)	25292	Linear Combination	SLS:CHR
24773 (C)	25293	Linear Combination	SLS:CHR
24774 (C)	25294	Linear Combination	SLS:CHR
24775 (C)	25295	Linear Combination	SLS:CHR
24776 (C)	25296	Linear Combination	SLS:CHR
24777 (C)	25297	Linear Combination	SLS:CHR
24778 (C)	25298	Linear Combination	SLS:CHR
24779 (C)	25299	Linear Combination	SLS:CHR
24780 (C)	25300	Linear Combination	SLS:CHR
24781 (C)	25301	Linear Combination	SLS:CHR
24782 (C)	25302	Linear Combination	SLS:CHR
24783 (C)	25303	Linear Combination	SLS:CHR
24784 (C)	25304	Linear Combination	SLS:CHR
24785 (C)	25305	Linear Combination	SLS:CHR
24786 (C)	25306	Linear Combination	SLS:CHR
24787 (C)	25307	Linear Combination	SLS:CHR
24788 (C)	25308	Linear Combination	SLS:CHR
24789 (C)	25309	Linear Combination	SLS:CHR
24790 (C)	25310	Linear Combination	SLS:CHR
24791 (C)	25311	Linear Combination	SLS:CHR
24792 (C)	25312	Linear Combination	SLS:CHR
24793 (C)	25313	Linear Combination	SLS:CHR
24794 (C)	25314	Linear Combination	SLS:CHR
24795 (C)	25315	Linear Combination	SLS:CHR
24796 (C)	25316	Linear Combination	SLS:CHR
24797 (C)	25317	Linear Combination	SLS:CHR
24798 (C)	25318	Linear Combination	SLS:CHR
24799 (C)	25319	Linear Combination	SLS:CHR
24800 (C)	25320	Linear Combination	SLS:CHR
24801 (C)	25321	Linear Combination	SLS:CHR
24802 (C)	25322	Linear Combination	SLS:CHR
24803 (C)	25323	Linear Combination	SLS:CHR
24804 (C)	25324	Linear Combination	SLS:CHR
24805 (C)	25325	Linear Combination	SLS:CHR
24806 (C)	25326	Linear Combination	SLS:CHR
24807 (C)	25327	Linear Combination	SLS:CHR
24808 (C)	25328	Linear Combination	SLS:CHR
24809 (C)	25329	Linear Combination	SLS:CHR
24810 (C)	25330	Linear Combination	SLS:CHR
24811 (C)	25331	Linear Combination	SLS:CHR
24812 (C)	25332	Linear Combination	SLS:CHR
24813 (C)	25333	Linear Combination	SLS:CHR
24814 (C)	25334	Linear Combination	SLS:CHR
24815 (C)	25335	Linear Combination	SLS:CHR
24816 (C)	25336	Linear Combination	SLS:CHR
24817 (C)	25337	Linear Combination	SLS:CHR
24818 (C)	25338	Linear Combination	SLS:CHR
24819 (C)	25339	Linear Combination	SLS:CHR
24820 (C)	25340	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24821 (C)	25341	Linear Combination	SLS:CHR
24822 (C)	25342	Linear Combination	SLS:CHR
24823 (C)	25343	Linear Combination	SLS:CHR
24824 (C)	25344	Linear Combination	SLS:CHR
24825 (C)	25345	Linear Combination	SLS:CHR
24826 (C)	25346	Linear Combination	SLS:CHR
24827 (C)	25347	Linear Combination	SLS:CHR
24828 (C)	25348	Linear Combination	SLS:CHR
24829 (C)	25349	Linear Combination	SLS:CHR
24830 (C)	25350	Linear Combination	SLS:CHR
24831 (C)	25351	Linear Combination	SLS:CHR
24832 (C)	25352	Linear Combination	SLS:CHR
24833 (C)	25353	Linear Combination	SLS:CHR
24834 (C)	25354	Linear Combination	SLS:CHR
24835 (C)	25355	Linear Combination	SLS:CHR
24836 (C)	25356	Linear Combination	SLS:CHR
24837 (C)	25357	Linear Combination	SLS:CHR
24838 (C)	25358	Linear Combination	SLS:CHR
24839 (C)	25359	Linear Combination	SLS:CHR
24840 (C)	25360	Linear Combination	SLS:CHR
24841 (C)	25361	Linear Combination	SLS:CHR
24842 (C)	25362	Linear Combination	SLS:CHR
24843 (C)	25363	Linear Combination	SLS:CHR
24844 (C)	25364	Linear Combination	SLS:CHR
24845 (C)	25365	Linear Combination	SLS:CHR
24846 (C)	25366	Linear Combination	SLS:CHR
24847 (C)	25367	Linear Combination	SLS:CHR
24848 (C)	25368	Linear Combination	SLS:CHR
24849 (C)	25369	Linear Combination	SLS:CHR
24850 (C)	25370	Linear Combination	SLS:CHR
24851 (C)	25371	Linear Combination	SLS:CHR
24852 (C)	25372	Linear Combination	SLS:CHR
24853 (C)	25373	Linear Combination	SLS:CHR
24854 (C)	25374	Linear Combination	SLS:CHR
24855 (C)	25375	Linear Combination	SLS:CHR
24856 (C)	25376	Linear Combination	SLS:CHR
24857 (C)	25377	Linear Combination	SLS:CHR
24858 (C)	25378	Linear Combination	SLS:CHR
24859 (C)	25379	Linear Combination	SLS:CHR
24860 (C)	25380	Linear Combination	SLS:CHR
24861 (C)	25381	Linear Combination	SLS:CHR
24862 (C)	25382	Linear Combination	SLS:CHR
24863 (C)	25383	Linear Combination	SLS:CHR
24864 (C)	25384	Linear Combination	SLS:CHR
24865 (C)	25385	Linear Combination	SLS:CHR
24866 (C)	25386	Linear Combination	SLS:CHR
24867 (C)	25387	Linear Combination	SLS:CHR
24868 (C)	25388	Linear Combination	SLS:CHR
24869 (C)	25389	Linear Combination	SLS:CHR
24870 (C)	25390	Linear Combination	SLS:CHR
24871 (C)	25391	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24872 (C)	25392	Linear Combination	SLS:CHR
24873 (C)	25393	Linear Combination	SLS:CHR
24874 (C)	25394	Linear Combination	SLS:CHR
24875 (C)	25395	Linear Combination	SLS:CHR
24876 (C)	25396	Linear Combination	SLS:CHR
24877 (C)	25397	Linear Combination	SLS:CHR
24878 (C)	25398	Linear Combination	SLS:CHR
24879 (C)	25399	Linear Combination	SLS:CHR
24880 (C)	25400	Linear Combination	SLS:CHR
24881 (C)	25401	Linear Combination	SLS:CHR
24882 (C)	25402	Linear Combination	SLS:CHR
24883 (C)	25403	Linear Combination	SLS:CHR
24884 (C)	25404	Linear Combination	SLS:CHR
24885 (C)	25405	Linear Combination	SLS:CHR
24886 (C)	25406	Linear Combination	SLS:CHR
24887 (C)	25407	Linear Combination	SLS:CHR
24888 (C)	25408	Linear Combination	SLS:CHR
24889 (C)	25409	Linear Combination	SLS:CHR
24890 (C)	25410	Linear Combination	SLS:CHR
24891 (C)	25411	Linear Combination	SLS:CHR
24892 (C)	25412	Linear Combination	SLS:CHR
24893 (C)	25413	Linear Combination	SLS:CHR
24894 (C)	25414	Linear Combination	SLS:CHR
24895 (C)	25415	Linear Combination	SLS:CHR
24896 (C)	25416	Linear Combination	SLS:CHR
24897 (C)	25417	Linear Combination	SLS:CHR
24898 (C)	25418	Linear Combination	SLS:CHR
24899 (C)	25419	Linear Combination	SLS:CHR
24900 (C)	25420	Linear Combination	SLS:CHR
24901 (C)	25421	Linear Combination	SLS:CHR
24902 (C)	25422	Linear Combination	SLS:CHR
24903 (C)	25423	Linear Combination	SLS:CHR
24904 (C)	25424	Linear Combination	SLS:CHR
24905 (C)	25425	Linear Combination	SLS:CHR
24906 (C)	25426	Linear Combination	SLS:CHR
24907 (C)	25427	Linear Combination	SLS:CHR
24908 (C)	25428	Linear Combination	SLS:CHR
24909 (C)	25429	Linear Combination	SLS:CHR
24910 (C)	25430	Linear Combination	SLS:CHR
24911 (C)	25431	Linear Combination	SLS:CHR
24912 (C)	25432	Linear Combination	SLS:CHR
24913 (C)	25433	Linear Combination	SLS:CHR
24914 (C)	25434	Linear Combination	SLS:CHR
24915 (C)	25435	Linear Combination	SLS:CHR
24916 (C)	25436	Linear Combination	SLS:CHR
24917 (C)	25437	Linear Combination	SLS:CHR
24918 (C)	25438	Linear Combination	SLS:CHR
24919 (C)	25439	Linear Combination	SLS:CHR
24920 (C)	25440	Linear Combination	SLS:CHR
24921 (C)	25441	Linear Combination	SLS:CHR
24922 (C)	25442	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24923 (C)	25443	Linear Combination	SLS:CHR
24924 (C)	25444	Linear Combination	SLS:CHR
24925 (C)	25445	Linear Combination	SLS:CHR
24926 (C)	25446	Linear Combination	SLS:CHR
24927 (C)	25447	Linear Combination	SLS:CHR
24928 (C)	25448	Linear Combination	SLS:CHR
24929 (C)	25449	Linear Combination	SLS:CHR
24930 (C)	25450	Linear Combination	SLS:CHR
24931 (C)	25451	Linear Combination	SLS:CHR
24932 (C)	25452	Linear Combination	SLS:CHR
24933 (C)	25453	Linear Combination	SLS:CHR
24934 (C)	25454	Linear Combination	SLS:CHR
24935 (C)	25455	Linear Combination	SLS:CHR
24936 (C)	25456	Linear Combination	SLS:CHR
24937 (C)	25457	Linear Combination	SLS:CHR
24938 (C)	25458	Linear Combination	SLS:CHR
24939 (C)	25459	Linear Combination	SLS:CHR
24940 (C)	25460	Linear Combination	SLS:CHR
24941 (C)	25461	Linear Combination	SLS:CHR
24942 (C)	25462	Linear Combination	SLS:CHR
24943 (C)	25463	Linear Combination	SLS:CHR
24944 (C)	25464	Linear Combination	SLS:CHR
24945 (C)	25465	Linear Combination	SLS:CHR
24946 (C)	25466	Linear Combination	SLS:CHR
24947 (C)	25467	Linear Combination	SLS:CHR
24948 (C)	25468	Linear Combination	SLS:CHR
24949 (C)	25469	Linear Combination	SLS:CHR
24950 (C)	25470	Linear Combination	SLS:CHR
24951 (C)	25471	Linear Combination	SLS:CHR
24952 (C)	25472	Linear Combination	SLS:CHR
24953 (C)	25473	Linear Combination	SLS:CHR
24954 (C)	25474	Linear Combination	SLS:CHR
24955 (C)	25475	Linear Combination	SLS:CHR
24956 (C)	25476	Linear Combination	SLS:CHR
24957 (C)	25477	Linear Combination	SLS:CHR
24958 (C)	25478	Linear Combination	SLS:CHR
24959 (C)	25479	Linear Combination	SLS:CHR
24960 (C)	25480	Linear Combination	SLS:CHR
24961 (C)	25481	Linear Combination	SLS:CHR
24962 (C)	25482	Linear Combination	SLS:CHR
24963 (C)	25483	Linear Combination	SLS:CHR
24964 (C)	25484	Linear Combination	SLS:CHR
24965 (C)	25485	Linear Combination	SLS:CHR
24966 (C)	25486	Linear Combination	SLS:CHR
24967 (C)	25487	Linear Combination	SLS:CHR
24968 (C)	25488	Linear Combination	SLS:CHR
24969 (C)	25489	Linear Combination	SLS:CHR
24970 (C)	25490	Linear Combination	SLS:CHR
24971 (C)	25491	Linear Combination	SLS:CHR
24972 (C)	25492	Linear Combination	SLS:CHR
24973 (C)	25493	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
24974 (C)	25494	Linear Combination	SLS:CHR
24975 (C)	25495	Linear Combination	SLS:CHR
24976 (C)	25496	Linear Combination	SLS:CHR
24977 (C)	25497	Linear Combination	SLS:CHR
24978 (C)	25498	Linear Combination	SLS:CHR
24979 (C)	25499	Linear Combination	SLS:CHR
24980 (C)	25500	Linear Combination	SLS:CHR
24981 (C)	25501	Linear Combination	SLS:CHR
24982 (C)	25502	Linear Combination	SLS:CHR
24983 (C)	25503	Linear Combination	SLS:CHR
24984 (C)	25504	Linear Combination	SLS:CHR
24985 (C)	25505	Linear Combination	SLS:CHR
24986 (C)	25506	Linear Combination	SLS:CHR
24987 (C)	25507	Linear Combination	SLS:CHR
24988 (C)	25508	Linear Combination	SLS:CHR
24989 (C)	25509	Linear Combination	SLS:CHR
24990 (C)	25510	Linear Combination	SLS:CHR
24991 (C)	25511	Linear Combination	SLS:CHR
24992 (C)	25512	Linear Combination	SLS:CHR
24993 (C)	25513	Linear Combination	SLS:CHR
24994 (C)	25514	Linear Combination	SLS:CHR
24995 (C)	25515	Linear Combination	SLS:CHR
24996 (C)	25516	Linear Combination	SLS:CHR
24997 (C)	25517	Linear Combination	SLS:CHR
24998 (C)	25518	Linear Combination	SLS:CHR
24999 (C)	25519	Linear Combination	SLS:CHR
25000 (C)	25520	Linear Combination	SLS:CHR
25001 (C)	25521	Linear Combination	SLS:CHR
25002 (C)	25522	Linear Combination	SLS:CHR
25003 (C)	25523	Linear Combination	SLS:CHR
25004 (C)	25524	Linear Combination	SLS:CHR
25005 (C)	25525	Linear Combination	SLS:CHR
25006 (C)	25526	Linear Combination	SLS:CHR
25007 (C)	25527	Linear Combination	SLS:CHR
25008 (C)	25528	Linear Combination	SLS:CHR
25009 (C)	25529	Linear Combination	SLS:CHR
25010 (C)	25530	Linear Combination	SLS:CHR
25011 (C)	25531	Linear Combination	SLS:CHR
25012 (C)	25532	Linear Combination	SLS:CHR
25013 (C)	25533	Linear Combination	SLS:CHR
25014 (C)	25534	Linear Combination	SLS:CHR
25015 (C)	25535	Linear Combination	SLS:CHR
25016 (C)	25536	Linear Combination	SLS:CHR
25017 (C)	25537	Linear Combination	SLS:CHR
25018 (C)	25538	Linear Combination	SLS:CHR
25019 (C)	25539	Linear Combination	SLS:CHR
25020 (C)	25540	Linear Combination	SLS:CHR
25021 (C)	25541	Linear Combination	SLS:CHR
25022 (C)	25542	Linear Combination	SLS:CHR
25023 (C)	25543	Linear Combination	SLS:CHR
25024 (C)	25544	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25025 (C)	25545	Linear Combination	SLS:CHR
25026 (C)	25546	Linear Combination	SLS:CHR
25027 (C)	25547	Linear Combination	SLS:CHR
25028 (C)	25548	Linear Combination	SLS:CHR
25029 (C)	25549	Linear Combination	SLS:CHR
25030 (C)	25550	Linear Combination	SLS:CHR
25031 (C)	25551	Linear Combination	SLS:CHR
25032 (C)	25552	Linear Combination	SLS:CHR
25033 (C)	25553	Linear Combination	SLS:CHR
25034 (C)	25554	Linear Combination	SLS:CHR
25035 (C)	25555	Linear Combination	SLS:CHR
25036 (C)	25556	Linear Combination	SLS:CHR
25037 (C)	25557	Linear Combination	SLS:CHR
25038 (C)	25558	Linear Combination	SLS:CHR
25039 (C)	25559	Linear Combination	SLS:CHR
25040 (C)	25560	Linear Combination	SLS:CHR
25041 (C)	25561	Linear Combination	SLS:CHR
25042 (C)	25562	Linear Combination	SLS:CHR
25043 (C)	25563	Linear Combination	SLS:CHR
25044 (C)	25564	Linear Combination	SLS:CHR
25045 (C)	25565	Linear Combination	SLS:CHR
25046 (C)	25566	Linear Combination	SLS:CHR
25047 (C)	25567	Linear Combination	SLS:CHR
25048 (C)	25568	Linear Combination	SLS:CHR
25049 (C)	25569	Linear Combination	SLS:CHR
25050 (C)	25570	Linear Combination	SLS:CHR
25051 (C)	25571	Linear Combination	SLS:CHR
25052 (C)	25572	Linear Combination	SLS:CHR
25053 (C)	25573	Linear Combination	SLS:CHR
25054 (C)	25574	Linear Combination	SLS:CHR
25055 (C)	25575	Linear Combination	SLS:CHR
25056 (C)	25576	Linear Combination	SLS:CHR
25057 (C)	25577	Linear Combination	SLS:CHR
25058 (C)	25578	Linear Combination	SLS:CHR
25059 (C)	25579	Linear Combination	SLS:CHR
25060 (C)	25580	Linear Combination	SLS:CHR
25061 (C)	25581	Linear Combination	SLS:CHR
25062 (C)	25582	Linear Combination	SLS:CHR
25063 (C)	25583	Linear Combination	SLS:CHR
25064 (C)	25584	Linear Combination	SLS:CHR
25065 (C)	25585	Linear Combination	SLS:CHR
25066 (C)	25586	Linear Combination	SLS:CHR
25067 (C)	25587	Linear Combination	SLS:CHR
25068 (C)	25588	Linear Combination	SLS:CHR
25069 (C)	25589	Linear Combination	SLS:CHR
25070 (C)	25590	Linear Combination	SLS:CHR
25071 (C)	25591	Linear Combination	SLS:CHR
25072 (C)	25592	Linear Combination	SLS:CHR
25073 (C)	25593	Linear Combination	SLS:CHR
25074 (C)	25594	Linear Combination	SLS:CHR
25075 (C)	25595	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25076 (C)	25596	Linear Combination	SLS:CHR
25077 (C)	25597	Linear Combination	SLS:CHR
25078 (C)	25598	Linear Combination	SLS:CHR
25079 (C)	25599	Linear Combination	SLS:CHR
25080 (C)	25600	Linear Combination	SLS:CHR
25081 (C)	25601	Linear Combination	SLS:CHR
25082 (C)	25602	Linear Combination	SLS:CHR
25083 (C)	25603	Linear Combination	SLS:CHR
25084 (C)	25604	Linear Combination	SLS:CHR
25085 (C)	25605	Linear Combination	SLS:CHR
25086 (C)	25606	Linear Combination	SLS:CHR
25087 (C)	25607	Linear Combination	SLS:CHR
25088 (C)	25608	Linear Combination	SLS:CHR
25089 (C)	25609	Linear Combination	SLS:CHR
25090 (C)	25610	Linear Combination	SLS:CHR
25091 (C)	25611	Linear Combination	SLS:CHR
25092 (C)	25612	Linear Combination	SLS:CHR
25093 (C)	25613	Linear Combination	SLS:CHR
25094 (C)	25614	Linear Combination	SLS:CHR
25095 (C)	25615	Linear Combination	SLS:CHR
25096 (C)	25616	Linear Combination	SLS:CHR
25097 (C)	25617	Linear Combination	SLS:CHR
25098 (C)	25618	Linear Combination	SLS:CHR
25099 (C)	25619	Linear Combination	SLS:CHR
25100 (C)	25620	Linear Combination	SLS:CHR
25101 (C)	25621	Linear Combination	SLS:CHR
25102 (C)	25622	Linear Combination	SLS:CHR
25103 (C)	25623	Linear Combination	SLS:CHR
25104 (C)	25624	Linear Combination	SLS:CHR
25105 (C)	25625	Linear Combination	SLS:CHR
25106 (C)	25626	Linear Combination	SLS:CHR
25107 (C)	25627	Linear Combination	SLS:CHR
25108 (C)	25628	Linear Combination	SLS:CHR
25109 (C)	25629	Linear Combination	SLS:CHR
25110 (C)	25630	Linear Combination	SLS:CHR
25111 (C)	25631	Linear Combination	SLS:CHR
25112 (C)	25632	Linear Combination	SLS:CHR
25113 (C)	25633	Linear Combination	SLS:CHR
25114 (C)	25634	Linear Combination	SLS:CHR
25115 (C)	25635	Linear Combination	SLS:CHR
25116 (C)	25636	Linear Combination	SLS:CHR
25117 (C)	25637	Linear Combination	SLS:CHR
25118 (C)	25638	Linear Combination	SLS:CHR
25119 (C)	25639	Linear Combination	SLS:CHR
25120 (C)	25640	Linear Combination	SLS:CHR
25121 (C)	25641	Linear Combination	SLS:CHR
25122 (C)	25642	Linear Combination	SLS:CHR
25123 (C)	25643	Linear Combination	SLS:CHR
25124 (C)	25644	Linear Combination	SLS:CHR
25125 (C)	25645	Linear Combination	SLS:CHR
25126 (C)	25646	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25127 (C)	25647	Linear Combination	SLS:CHR
25128 (C)	25648	Linear Combination	SLS:CHR
25129 (C)	25649	Linear Combination	SLS:CHR
25130 (C)	25650	Linear Combination	SLS:CHR
25131 (C)	25651	Linear Combination	SLS:CHR
25132 (C)	25652	Linear Combination	SLS:CHR
25133 (C)	25653	Linear Combination	SLS:CHR
25134 (C)	25654	Linear Combination	SLS:CHR
25135 (C)	25655	Linear Combination	SLS:CHR
25136 (C)	25656	Linear Combination	SLS:CHR
25137 (C)	25657	Linear Combination	SLS:CHR
25138 (C)	25658	Linear Combination	SLS:CHR
25139 (C)	25659	Linear Combination	SLS:CHR
25140 (C)	25660	Linear Combination	SLS:CHR
25141 (C)	25661	Linear Combination	SLS:CHR
25142 (C)	25662	Linear Combination	SLS:CHR
25143 (C)	25663	Linear Combination	SLS:CHR
25144 (C)	25664	Linear Combination	SLS:CHR
25145 (C)	25665	Linear Combination	SLS:CHR
25146 (C)	25666	Linear Combination	SLS:CHR
25147 (C)	25667	Linear Combination	SLS:CHR
25148 (C)	25668	Linear Combination	SLS:CHR
25149 (C)	25669	Linear Combination	SLS:CHR
25150 (C)	25670	Linear Combination	SLS:CHR
25151 (C)	25671	Linear Combination	SLS:CHR
25152 (C)	25672	Linear Combination	SLS:CHR
25153 (C)	25673	Linear Combination	SLS:CHR
25154 (C)	25674	Linear Combination	SLS:CHR
25155 (C)	25675	Linear Combination	SLS:CHR
25156 (C)	25676	Linear Combination	SLS:CHR
25157 (C)	25677	Linear Combination	SLS:CHR
25158 (C)	25678	Linear Combination	SLS:CHR
25159 (C)	25679	Linear Combination	SLS:CHR
25160 (C)	25680	Linear Combination	SLS:CHR
25161 (C)	25681	Linear Combination	SLS:CHR
25162 (C)	25682	Linear Combination	SLS:CHR
25163 (C)	25683	Linear Combination	SLS:CHR
25164 (C)	25684	Linear Combination	SLS:CHR
25165 (C)	25685	Linear Combination	SLS:CHR
25166 (C)	25686	Linear Combination	SLS:CHR
25167 (C)	25687	Linear Combination	SLS:CHR
25168 (C)	25688	Linear Combination	SLS:CHR
25169 (C)	25689	Linear Combination	SLS:CHR
25170 (C)	25690	Linear Combination	SLS:CHR
25171 (C)	25691	Linear Combination	SLS:CHR
25172 (C)	25692	Linear Combination	SLS:CHR
25173 (C)	25693	Linear Combination	SLS:CHR
25174 (C)	25694	Linear Combination	SLS:CHR
25175 (C)	25695	Linear Combination	SLS:CHR
25176 (C)	25696	Linear Combination	SLS:CHR
25177 (C)	25697	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25178 (C)	25698	Linear Combination	SLS:CHR
25179 (C)	25699	Linear Combination	SLS:CHR
25180 (C)	25700	Linear Combination	SLS:CHR
25181 (C)	25701	Linear Combination	SLS:CHR
25182 (C)	25702	Linear Combination	SLS:CHR
25183 (C)	25703	Linear Combination	SLS:CHR
25184 (C)	25704	Linear Combination	SLS:CHR
25185 (C)	25705	Linear Combination	SLS:CHR
25186 (C)	25706	Linear Combination	SLS:CHR
25187 (C)	25707	Linear Combination	SLS:CHR
25188 (C)	25708	Linear Combination	SLS:CHR
25189 (C)	25709	Linear Combination	SLS:CHR
25190 (C)	25710	Linear Combination	SLS:CHR
25191 (C)	25711	Linear Combination	SLS:CHR
25192 (C)	25712	Linear Combination	SLS:CHR
25193 (C)	25713	Linear Combination	SLS:CHR
25194 (C)	25714	Linear Combination	SLS:CHR
25195 (C)	25715	Linear Combination	SLS:CHR
25196 (C)	25716	Linear Combination	SLS:CHR
25197 (C)	25717	Linear Combination	SLS:CHR
25198 (C)	25718	Linear Combination	SLS:CHR
25199 (C)	25719	Linear Combination	SLS:CHR
25200 (C)	25720	Linear Combination	SLS:CHR
25201 (C)	25721	Linear Combination	SLS:CHR
25202 (C)	25722	Linear Combination	SLS:CHR
25203 (C)	25723	Linear Combination	SLS:CHR
25204 (C)	25724	Linear Combination	SLS:CHR
25205 (C)	25725	Linear Combination	SLS:CHR
25206 (C)	25726	Linear Combination	SLS:CHR
25207 (C)	25727	Linear Combination	SLS:CHR
25208 (C)	25728	Linear Combination	SLS:CHR
25209 (C)	25729	Linear Combination	SLS:CHR
25210 (C)	25730	Linear Combination	SLS:CHR
25211 (C)	25731	Linear Combination	SLS:CHR
25212 (C)	25732	Linear Combination	SLS:CHR
25213 (C)	25733	Linear Combination	SLS:CHR
25214 (C)	25734	Linear Combination	SLS:CHR
25215 (C)	25735	Linear Combination	SLS:CHR
25216 (C)	25736	Linear Combination	SLS:CHR
25217 (C)	25737	Linear Combination	SLS:CHR
25218 (C)	25738	Linear Combination	SLS:CHR
25219 (C)	25739	Linear Combination	SLS:CHR
25220 (C)	25740	Linear Combination	SLS:CHR
25221 (C)	25741	Linear Combination	SLS:CHR
25222 (C)	25742	Linear Combination	SLS:CHR
25223 (C)	25743	Linear Combination	SLS:CHR
25224 (C)	25744	Linear Combination	SLS:CHR
25225 (C)	25745	Linear Combination	SLS:CHR
25226 (C)	25746	Linear Combination	SLS:CHR
25227 (C)	25747	Linear Combination	SLS:CHR
25228 (C)	25748	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25229 (C)	25749	Linear Combination	SLS:CHR
25230 (C)	25750	Linear Combination	SLS:CHR
25231 (C)	25751	Linear Combination	SLS:CHR
25232 (C)	25752	Linear Combination	SLS:CHR
25233 (C)	25753	Linear Combination	SLS:CHR
25234 (C)	25754	Linear Combination	SLS:CHR
25235 (C)	25755	Linear Combination	SLS:CHR
25236 (C)	25756	Linear Combination	SLS:CHR
25237 (C)	25757	Linear Combination	SLS:CHR
25238 (C)	25758	Linear Combination	SLS:CHR
25239 (C)	25759	Linear Combination	SLS:CHR
25240 (C)	25760	Linear Combination	SLS:CHR
25241 (C)	25761	Linear Combination	SLS:CHR
25242 (C)	25762	Linear Combination	SLS:CHR
25243 (C)	25763	Linear Combination	SLS:CHR
25244 (C)	25764	Linear Combination	SLS:CHR
25245 (C)	25765	Linear Combination	SLS:CHR
25246 (C)	25766	Linear Combination	SLS:CHR
25247 (C)	25767	Linear Combination	SLS:CHR
25248 (C)	25768	Linear Combination	SLS:CHR
25249 (C)	25769	Linear Combination	SLS:CHR
25250 (C)	25770	Linear Combination	SLS:CHR
25251 (C)	25771	Linear Combination	SLS:CHR
25252 (C)	25772	Linear Combination	SLS:CHR
25253 (C)	25773	Linear Combination	SLS:CHR
25254 (C)	25774	Linear Combination	SLS:CHR
25255 (C)	25775	Linear Combination	SLS:CHR
25256 (C)	25776	Linear Combination	SLS:CHR
25257 (C)	25777	Linear Combination	SLS:CHR
25258 (C)	25778	Linear Combination	SLS:CHR
25259 (C)	25779	Linear Combination	SLS:CHR
25260 (C)	25780	Linear Combination	SLS:CHR
25261 (C)	25781	Linear Combination	SLS:CHR
25262 (C)	25782	Linear Combination	SLS:CHR
25263 (C)	25783	Linear Combination	SLS:CHR
25264 (C)	25784	Linear Combination	SLS:CHR
25265 (C)	25785	Linear Combination	SLS:CHR
25266 (C)	25786	Linear Combination	SLS:CHR
25267 (C)	25787	Linear Combination	SLS:CHR
25268 (C)	25788	Linear Combination	SLS:CHR
25269 (C)	25789	Linear Combination	SLS:CHR
25270 (C)	25790	Linear Combination	SLS:CHR
25271 (C)	25791	Linear Combination	SLS:CHR
25272 (C)	25792	Linear Combination	SLS:CHR
25273 (C)	25793	Linear Combination	SLS:CHR
25274 (C)	25794	Linear Combination	SLS:CHR
25275 (C)	25795	Linear Combination	SLS:CHR
25276 (C)	25796	Linear Combination	SLS:CHR
25277 (C)	25797	Linear Combination	SLS:CHR
25278 (C)	25798	Linear Combination	SLS:CHR
25279 (C)	25799	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
25280 (C)	25800	Linear Combination	SLS:CHR
25281 (C)	25801	Linear Combination	SLS:CHR
25282 (C)	25802	Linear Combination	SLS:CHR
25283 (C)	25803	Linear Combination	SLS:CHR
25284 (C)	25804	Linear Combination	SLS:CHR
25285 (C)	25805	Linear Combination	SLS:CHR
25286 (C)	25806	Linear Combination	SLS:CHR
25287 (C)	25807	Linear Combination	SLS:CHR
25288 (C)	25808	Linear Combination	SLS:CHR
25289 (C)	25809	Linear Combination	SLS:CHR
25290 (C)	25810	Linear Combination	SLS:CHR
25291 (C)	25811	Linear Combination	SLS:CHR
25292 (C)	25812	Linear Combination	SLS:CHR
25293 (C)	25813	Linear Combination	SLS:CHR
25294 (C)	25814	Linear Combination	SLS:CHR
25295 (C)	25815	Linear Combination	SLS:CHR
25296 (C)	25816	Linear Combination	SLS:CHR
25297 (C)	25817	Linear Combination	SLS:CHR
25298 (C)	25818	Linear Combination	SLS:CHR
25299 (C)	25819	Linear Combination	SLS:CHR
25300 (C)	25820	Linear Combination	SLS:CHR
25301 (C)	25821	Linear Combination	SLS:CHR
25302 (C)	25822	Linear Combination	SLS:CHR
25303 (C)	25823	Linear Combination	SLS:CHR
25304 (C)	25824	Linear Combination	SLS:CHR
25305 (C)	25825	Linear Combination	SLS:CHR
25306 (C)	25826	Linear Combination	SLS:CHR
25307 (C)	25827	Linear Combination	SLS:CHR
25308 (C)	25828	Linear Combination	SLS:CHR
25309 (C)	25829	Linear Combination	SLS:CHR
25310 (C)	25830	Linear Combination	SLS:CHR
25311 (C)	25831	Linear Combination	SLS:CHR
25312 (C)	25832	Linear Combination	SLS:CHR
25313 (C)	25833	Linear Combination	SLS:CHR
25314 (C)	25834	Linear Combination	SLS:CHR
25315 (C)	25835	Linear Combination	SLS:CHR
25316 (C)	25836	Linear Combination	SLS:CHR
25317 (C)	25837	Linear Combination	SLS:CHR
25318 (C)	25838	Linear Combination	SLS:CHR
25319 (C)	25839	Linear Combination	SLS:CHR
25320 (C)	25840	Linear Combination	SLS:CHR
25321 (C)	25841	Linear Combination	SLS:CHR
25322 (C)	25842	Linear Combination	SLS:CHR
25323 (C)	25843	Linear Combination	SLS:CHR
25324 (C)	25844	Linear Combination	SLS:CHR
25325 (C)	25845	Linear Combination	SLS:CHR
25326 (C)	25846	Linear Combination	SLS:CHR
25327 (C)	25847	Linear Combination	SLS:CHR
25328 (C)	25848	Linear Combination	SLS:CHR
25329 (C)	25849	Linear Combination	SLS:CHR
25330 (C)	25850	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25331 (C)	25851	Linear Combination	SLS:CHR
25332 (C)	25852	Linear Combination	SLS:CHR
25333 (C)	25853	Linear Combination	SLS:CHR
25334 (C)	25854	Linear Combination	SLS:CHR
25335 (C)	25855	Linear Combination	SLS:CHR
25336 (C)	25856	Linear Combination	SLS:CHR
25337 (C)	25857	Linear Combination	SLS:CHR
25338 (C)	25858	Linear Combination	SLS:CHR
25339 (C)	25859	Linear Combination	SLS:CHR
25340 (C)	25860	Linear Combination	SLS:CHR
25341 (C)	25861	Linear Combination	SLS:CHR
25342 (C)	25862	Linear Combination	SLS:CHR
25343 (C)	25863	Linear Combination	SLS:CHR
25344 (C)	25864	Linear Combination	SLS:CHR
25345 (C)	25865	Linear Combination	SLS:CHR
25346 (C)	25866	Linear Combination	SLS:CHR
25347 (C)	25867	Linear Combination	SLS:CHR
25348 (C)	25868	Linear Combination	SLS:CHR
25349 (C)	25869	Linear Combination	SLS:CHR
25350 (C)	25870	Linear Combination	SLS:CHR
25351 (C)	25871	Linear Combination	SLS:CHR
25352 (C)	25872	Linear Combination	SLS:CHR
25353 (C)	25873	Linear Combination	SLS:CHR
25354 (C)	25874	Linear Combination	SLS:CHR
25355 (C)	25875	Linear Combination	SLS:CHR
25356 (C)	25876	Linear Combination	SLS:CHR
25357 (C)	25877	Linear Combination	SLS:CHR
25358 (C)	25878	Linear Combination	SLS:CHR
25359 (C)	25879	Linear Combination	SLS:CHR
25360 (C)	25880	Linear Combination	SLS:CHR
25361 (C)	25881	Linear Combination	SLS:CHR
25362 (C)	25882	Linear Combination	SLS:CHR
25363 (C)	25883	Linear Combination	SLS:CHR
25364 (C)	25884	Linear Combination	SLS:CHR
25365 (C)	25885	Linear Combination	SLS:CHR
25366 (C)	25886	Linear Combination	SLS:CHR
25367 (C)	25887	Linear Combination	SLS:CHR
25368 (C)	25888	Linear Combination	SLS:CHR
25369 (C)	25889	Linear Combination	SLS:CHR
25370 (C)	25890	Linear Combination	SLS:CHR
25371 (C)	25891	Linear Combination	SLS:CHR
25372 (C)	25892	Linear Combination	SLS:CHR
25373 (C)	25893	Linear Combination	SLS:CHR
25374 (C)	25894	Linear Combination	SLS:CHR
25375 (C)	25895	Linear Combination	SLS:CHR
25376 (C)	25896	Linear Combination	SLS:CHR
25377 (C)	25897	Linear Combination	SLS:CHR
25378 (C)	25898	Linear Combination	SLS:CHR
25379 (C)	25899	Linear Combination	SLS:CHR
25380 (C)	25900	Linear Combination	SLS:CHR
25381 (C)	25901	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25382 (C)	25902	Linear Combination	SLS:CHR
25383 (C)	25903	Linear Combination	SLS:CHR
25384 (C)	25904	Linear Combination	SLS:CHR
25385 (C)	25905	Linear Combination	SLS:CHR
25386 (C)	25906	Linear Combination	SLS:CHR
25387 (C)	25907	Linear Combination	SLS:CHR
25388 (C)	25908	Linear Combination	SLS:CHR
25389 (C)	25909	Linear Combination	SLS:CHR
25390 (C)	25910	Linear Combination	SLS:CHR
25391 (C)	25911	Linear Combination	SLS:CHR
25392 (C)	25912	Linear Combination	SLS:CHR
25393 (C)	25913	Linear Combination	SLS:CHR
25394 (C)	25914	Linear Combination	SLS:CHR
25395 (C)	25915	Linear Combination	SLS:CHR
25396 (C)	25916	Linear Combination	SLS:CHR
25397 (C)	25917	Linear Combination	SLS:CHR
25398 (C)	25918	Linear Combination	SLS:CHR
25399 (C)	25919	Linear Combination	SLS:CHR
25400 (C)	25920	Linear Combination	SLS:CHR
25401 (C)	25921	Linear Combination	SLS:CHR
25402 (C)	25922	Linear Combination	SLS:CHR
25403 (C)	25923	Linear Combination	SLS:CHR
25404 (C)	25924	Linear Combination	SLS:CHR
25405 (C)	25925	Linear Combination	SLS:CHR
25406 (C)	25926	Linear Combination	SLS:CHR
25407 (C)	25927	Linear Combination	SLS:CHR
25408 (C)	25928	Linear Combination	SLS:CHR
25409 (C)	25929	Linear Combination	SLS:CHR
25410 (C)	25930	Linear Combination	SLS:CHR
25411 (C)	25931	Linear Combination	SLS:CHR
25412 (C)	25932	Linear Combination	SLS:CHR
25413 (C)	25933	Linear Combination	SLS:CHR
25414 (C)	25934	Linear Combination	SLS:CHR
25415 (C)	25935	Linear Combination	SLS:CHR
25416 (C)	25936	Linear Combination	SLS:CHR
25417 (C)	25937	Linear Combination	SLS:CHR
25418 (C)	25938	Linear Combination	SLS:CHR
25419 (C)	25939	Linear Combination	SLS:CHR
25420 (C)	25940	Linear Combination	SLS:CHR
25421 (C)	25941	Linear Combination	SLS:CHR
25422 (C)	25942	Linear Combination	SLS:CHR
25423 (C)	25943	Linear Combination	SLS:CHR
25424 (C)	25944	Linear Combination	SLS:CHR
25425 (C)	25945	Linear Combination	SLS:CHR
25426 (C)	25946	Linear Combination	SLS:CHR
25427 (C)	25947	Linear Combination	SLS:CHR
25428 (C)	25948	Linear Combination	SLS:CHR
25429 (C)	25949	Linear Combination	SLS:CHR
25430 (C)	25950	Linear Combination	SLS:CHR
25431 (C)	25951	Linear Combination	SLS:CHR
25432 (C)	25952	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25433 (C)	25953	Linear Combination	SLS:CHR
25434 (C)	25954	Linear Combination	SLS:CHR
25435 (C)	25955	Linear Combination	SLS:CHR
25436 (C)	25956	Linear Combination	SLS:CHR
25437 (C)	25957	Linear Combination	SLS:CHR
25438 (C)	25958	Linear Combination	SLS:CHR
25439 (C)	25959	Linear Combination	SLS:CHR
25440 (C)	25960	Linear Combination	SLS:CHR
25441 (C)	25961	Linear Combination	SLS:CHR
25442 (C)	25962	Linear Combination	SLS:CHR
25443 (C)	25963	Linear Combination	SLS:CHR
25444 (C)	25964	Linear Combination	SLS:CHR
25445 (C)	25965	Linear Combination	SLS:CHR
25446 (C)	25966	Linear Combination	SLS:CHR
25447 (C)	25967	Linear Combination	SLS:CHR
25448 (C)	25968	Linear Combination	SLS:CHR
25449 (C)	25969	Linear Combination	SLS:CHR
25450 (C)	25970	Linear Combination	SLS:CHR
25451 (C)	25971	Linear Combination	SLS:CHR
25452 (C)	25972	Linear Combination	SLS:CHR
25453 (C)	25973	Linear Combination	SLS:CHR
25454 (C)	25974	Linear Combination	SLS:CHR
25455 (C)	25975	Linear Combination	SLS:CHR
25456 (C)	25976	Linear Combination	SLS:CHR
25457 (C)	25977	Linear Combination	SLS:CHR
25458 (C)	25978	Linear Combination	SLS:CHR
25459 (C)	25979	Linear Combination	SLS:CHR
25460 (C)	25980	Linear Combination	SLS:CHR
25461 (C)	25981	Linear Combination	SLS:CHR
25462 (C)	25982	Linear Combination	SLS:CHR
25463 (C)	25983	Linear Combination	SLS:CHR
25464 (C)	25984	Linear Combination	SLS:CHR
25465 (C)	25985	Linear Combination	SLS:CHR
25466 (C)	25986	Linear Combination	SLS:CHR
25467 (C)	25987	Linear Combination	SLS:CHR
25468 (C)	25988	Linear Combination	SLS:CHR
25469 (C)	25989	Linear Combination	SLS:CHR
25470 (C)	25990	Linear Combination	SLS:CHR
25471 (C)	25991	Linear Combination	SLS:CHR
25472 (C)	25992	Linear Combination	SLS:CHR
25473 (C)	25993	Linear Combination	SLS:CHR
25474 (C)	25994	Linear Combination	SLS:CHR
25475 (C)	25995	Linear Combination	SLS:CHR
25476 (C)	25996	Linear Combination	SLS:CHR
25477 (C)	25997	Linear Combination	SLS:CHR
25478 (C)	25998	Linear Combination	SLS:CHR
25479 (C)	25999	Linear Combination	SLS:CHR
25480 (C)	26000	Linear Combination	SLS:CHR
25481 (C)	26001	Linear Combination	SLS:CHR
25482 (C)	26002	Linear Combination	SLS:CHR
25483 (C)	26003	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25484 (C)	26004	Linear Combination	SLS:CHR
25485 (C)	26005	Linear Combination	SLS:CHR
25486 (C)	26006	Linear Combination	SLS:CHR
25487 (C)	26007	Linear Combination	SLS:CHR
25488 (C)	26008	Linear Combination	SLS:CHR
25489 (C)	26009	Linear Combination	SLS:CHR
25490 (C)	26010	Linear Combination	SLS:CHR
25491 (C)	26011	Linear Combination	SLS:CHR
25492 (C)	26012	Linear Combination	SLS:CHR
25493 (C)	26013	Linear Combination	SLS:CHR
25494 (C)	26014	Linear Combination	SLS:CHR
25495 (C)	26015	Linear Combination	SLS:CHR
25496 (C)	26016	Linear Combination	SLS:CHR
25497 (C)	26017	Linear Combination	SLS:CHR
25498 (C)	26018	Linear Combination	SLS:CHR
25499 (C)	26019	Linear Combination	SLS:CHR
25500 (C)	26020	Linear Combination	SLS:CHR
25501 (C)	26021	Linear Combination	SLS:CHR
25502 (C)	26022	Linear Combination	SLS:CHR
25503 (C)	26023	Linear Combination	SLS:CHR
25504 (C)	26024	Linear Combination	SLS:CHR
25505 (C)	26025	Linear Combination	SLS:CHR
25506 (C)	26026	Linear Combination	SLS:CHR
25507 (C)	26027	Linear Combination	SLS:CHR
25508 (C)	26028	Linear Combination	SLS:CHR
25509 (C)	26029	Linear Combination	SLS:CHR
25510 (C)	26030	Linear Combination	SLS:CHR
25511 (C)	26031	Linear Combination	SLS:CHR
25512 (C)	26032	Linear Combination	SLS:CHR
25513 (C)	26033	Linear Combination	SLS:CHR
25514 (C)	26034	Linear Combination	SLS:CHR
25515 (C)	26035	Linear Combination	SLS:CHR
25516 (C)	26036	Linear Combination	SLS:CHR
25517 (C)	26037	Linear Combination	SLS:CHR
25518 (C)	26038	Linear Combination	SLS:CHR
25519 (C)	26039	Linear Combination	SLS:CHR
25520 (C)	26040	Linear Combination	SLS:CHR
25521 (C)	26041	Linear Combination	SLS:CHR
25522 (C)	26042	Linear Combination	SLS:CHR
25523 (C)	26043	Linear Combination	SLS:CHR
25524 (C)	26044	Linear Combination	SLS:CHR
25525 (C)	26045	Linear Combination	SLS:CHR
25526 (C)	26046	Linear Combination	SLS:CHR
25527 (C)	26047	Linear Combination	SLS:CHR
25528 (C)	26048	Linear Combination	SLS:CHR
25529 (C)	26049	Linear Combination	SLS:CHR
25530 (C)	26050	Linear Combination	SLS:CHR
25531 (C)	26051	Linear Combination	SLS:CHR
25532 (C)	26052	Linear Combination	SLS:CHR
25533 (C)	26053	Linear Combination	SLS:CHR
25534 (C)	26054	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25535 (C)	26055	Linear Combination	SLS:CHR
25536 (C)	26056	Linear Combination	SLS:CHR
25537 (C)	26057	Linear Combination	SLS:CHR
25538 (C)	26058	Linear Combination	SLS:CHR
25539 (C)	26059	Linear Combination	SLS:CHR
25540 (C)	26060	Linear Combination	SLS:CHR
25541 (C)	26061	Linear Combination	SLS:CHR
25542 (C)	26062	Linear Combination	SLS:CHR
25543 (C)	26063	Linear Combination	SLS:CHR
25544 (C)	26064	Linear Combination	SLS:CHR
25545 (C)	26065	Linear Combination	SLS:CHR
25546 (C)	26066	Linear Combination	SLS:CHR
25547 (C)	26067	Linear Combination	SLS:CHR
25548 (C)	26068	Linear Combination	SLS:CHR
25549 (C)	26069	Linear Combination	SLS:CHR
25550 (C)	26070	Linear Combination	SLS:CHR
25551 (C)	26071	Linear Combination	SLS:CHR
25552 (C)	26072	Linear Combination	SLS:CHR
25553 (C)	26073	Linear Combination	SLS:CHR
25554 (C)	26074	Linear Combination	SLS:CHR
25555 (C)	26075	Linear Combination	SLS:CHR
25556 (C)	26076	Linear Combination	SLS:CHR
25557 (C)	26077	Linear Combination	SLS:CHR
25558 (C)	26078	Linear Combination	SLS:CHR
25559 (C)	26079	Linear Combination	SLS:CHR
25560 (C)	26080	Linear Combination	SLS:CHR
25561 (C)	26081	Linear Combination	SLS:CHR
25562 (C)	26082	Linear Combination	SLS:CHR
25563 (C)	26083	Linear Combination	SLS:CHR
25564 (C)	26084	Linear Combination	SLS:CHR
25565 (C)	26085	Linear Combination	SLS:CHR
25566 (C)	26086	Linear Combination	SLS:CHR
25567 (C)	26087	Linear Combination	SLS:CHR
25568 (C)	26088	Linear Combination	SLS:CHR
25569 (C)	26089	Linear Combination	SLS:CHR
25570 (C)	26090	Linear Combination	SLS:CHR
25571 (C)	26091	Linear Combination	SLS:CHR
25572 (C)	26092	Linear Combination	SLS:CHR
25573 (C)	26093	Linear Combination	SLS:CHR
25574 (C)	26094	Linear Combination	SLS:CHR
25575 (C)	26095	Linear Combination	SLS:CHR
25576 (C)	26096	Linear Combination	SLS:CHR
25577 (C)	26097	Linear Combination	SLS:CHR
25578 (C)	26098	Linear Combination	SLS:CHR
25579 (C)	26099	Linear Combination	SLS:CHR
25580 (C)	26100	Linear Combination	SLS:CHR
25581 (C)	26101	Linear Combination	SLS:CHR
25582 (C)	26102	Linear Combination	SLS:CHR
25583 (C)	26103	Linear Combination	SLS:CHR
25584 (C)	26104	Linear Combination	SLS:CHR
25585 (C)	26105	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
25586 (C)	26106	Linear Combination	SLS:CHR
25587 (C)	26107	Linear Combination	SLS:CHR
25588 (C)	26108	Linear Combination	SLS:CHR
25589 (C)	26109	Linear Combination	SLS:CHR
25590 (C)	26110	Linear Combination	SLS:CHR
25591 (C)	26111	Linear Combination	SLS:CHR
25592 (C)	26112	Linear Combination	SLS:CHR
25593 (C)	26113	Linear Combination	SLS:CHR
25594 (C)	26114	Linear Combination	SLS:CHR
25595 (C)	26115	Linear Combination	SLS:CHR
25596 (C)	26116	Linear Combination	SLS:CHR
25597 (C)	26117	Linear Combination	SLS:CHR
25598 (C)	26118	Linear Combination	SLS:CHR
25599 (C)	26119	Linear Combination	SLS:CHR
25600 (C)	26120	Linear Combination	SLS:CHR
25601 (C)	26121	Linear Combination	SLS:CHR
25602 (C)	26122	Linear Combination	SLS:CHR
25603 (C)	26123	Linear Combination	SLS:CHR
25604 (C)	26124	Linear Combination	SLS:CHR
25605 (C)	26125	Linear Combination	SLS:CHR
25606 (C)	26126	Linear Combination	SLS:CHR
25607 (C)	26127	Linear Combination	SLS:CHR
25608 (C)	26128	Linear Combination	SLS:CHR
25609 (C)	26129	Linear Combination	SLS:CHR
25610 (C)	26130	Linear Combination	SLS:CHR
25611 (C)	26131	Linear Combination	SLS:CHR
25612 (C)	26132	Linear Combination	SLS:CHR
25613 (C)	26133	Linear Combination	SLS:CHR
25614 (C)	26134	Linear Combination	SLS:CHR
25615 (C)	26135	Linear Combination	SLS:CHR
25616 (C)	26136	Linear Combination	SLS:CHR
25617 (C)	26137	Linear Combination	SLS:CHR
25618 (C)	26138	Linear Combination	SLS:CHR
25619 (C)	26139	Linear Combination	SLS:CHR
25620 (C)	26140	Linear Combination	SLS:CHR
25621 (C)	26141	Linear Combination	SLS:CHR
25622 (C)	26142	Linear Combination	SLS:CHR
25623 (C)	26143	Linear Combination	SLS:CHR
25624 (C)	26144	Linear Combination	SLS:CHR
25625 (C)	26145	Linear Combination	SLS:CHR
25626 (C)	26146	Linear Combination	SLS:CHR
25627 (C)	26147	Linear Combination	SLS:CHR
25628 (C)	26148	Linear Combination	SLS:CHR
25629 (C)	26149	Linear Combination	SLS:CHR
25630 (C)	26150	Linear Combination	SLS:CHR
25631 (C)	26151	Linear Combination	SLS:CHR
25632 (C)	26152	Linear Combination	SLS:CHR
25633 (C)	26153	Linear Combination	SLS:CHR
25634 (C)	26154	Linear Combination	SLS:CHR
25635 (C)	26155	Linear Combination	SLS:CHR
25636 (C)	26156	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25637 (C)	26157	Linear Combination	SLS:CHR
25638 (C)	26158	Linear Combination	SLS:CHR
25639 (C)	26159	Linear Combination	SLS:CHR
25640 (C)	26160	Linear Combination	SLS:CHR
25641 (C)	26161	Linear Combination	SLS:CHR
25642 (C)	26162	Linear Combination	SLS:CHR
25643 (C)	26163	Linear Combination	SLS:CHR
25644 (C)	26164	Linear Combination	SLS:CHR
25645 (C)	26165	Linear Combination	SLS:CHR
25646 (C)	26166	Linear Combination	SLS:CHR
25647 (C)	26167	Linear Combination	SLS:CHR
25648 (C)	26168	Linear Combination	SLS:CHR
25649 (C)	26169	Linear Combination	SLS:CHR
25650 (C)	26170	Linear Combination	SLS:CHR
25651 (C)	26171	Linear Combination	SLS:CHR
25652 (C)	26172	Linear Combination	SLS:CHR
25653 (C)	26173	Linear Combination	SLS:CHR
25654 (C)	26174	Linear Combination	SLS:CHR
25655 (C)	26175	Linear Combination	SLS:CHR
25656 (C)	26176	Linear Combination	SLS:CHR
25657 (C)	26177	Linear Combination	SLS:CHR
25658 (C)	26178	Linear Combination	SLS:CHR
25659 (C)	26179	Linear Combination	SLS:CHR
25660 (C)	26180	Linear Combination	SLS:CHR
25661 (C)	26181	Linear Combination	SLS:CHR
25662 (C)	26182	Linear Combination	SLS:CHR
25663 (C)	26183	Linear Combination	SLS:CHR
25664 (C)	26184	Linear Combination	SLS:CHR
25665 (C)	26185	Linear Combination	SLS:CHR
25666 (C)	26186	Linear Combination	SLS:CHR
25667 (C)	26187	Linear Combination	SLS:CHR
25668 (C)	26188	Linear Combination	SLS:CHR
25669 (C)	26189	Linear Combination	SLS:CHR
25670 (C)	26190	Linear Combination	SLS:CHR
25671 (C)	26191	Linear Combination	SLS:CHR
25672 (C)	26192	Linear Combination	SLS:CHR
25673 (C)	26193	Linear Combination	SLS:CHR
25674 (C)	26194	Linear Combination	SLS:CHR
25675 (C)	26195	Linear Combination	SLS:CHR
25676 (C)	26196	Linear Combination	SLS:CHR
25677 (C)	26197	Linear Combination	SLS:CHR
25678 (C)	26198	Linear Combination	SLS:CHR
25679 (C)	26199	Linear Combination	SLS:CHR
25680 (C)	26200	Linear Combination	SLS:CHR
25681 (C)	26201	Linear Combination	SLS:CHR
25682 (C)	26202	Linear Combination	SLS:CHR
25683 (C)	26203	Linear Combination	SLS:CHR
25684 (C)	26204	Linear Combination	SLS:CHR
25685 (C)	26205	Linear Combination	SLS:CHR
25686 (C)	26206	Linear Combination	SLS:CHR
25687 (C)	26207	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
25688 (C)	26208	Linear Combination	SLS:CHR
25689 (C)	26209	Linear Combination	SLS:CHR
25690 (C)	26210	Linear Combination	SLS:CHR
25691 (C)	26211	Linear Combination	SLS:CHR
25692 (C)	26212	Linear Combination	SLS:CHR
25693 (C)	26213	Linear Combination	SLS:CHR
25694 (C)	26214	Linear Combination	SLS:CHR
25695 (C)	26215	Linear Combination	SLS:CHR
25696 (C)	26216	Linear Combination	SLS:CHR
25697 (C)	26217	Linear Combination	SLS:CHR
25698 (C)	26218	Linear Combination	SLS:CHR
25699 (C)	26219	Linear Combination	SLS:CHR
25700 (C)	26220	Linear Combination	SLS:CHR
25701 (C)	26221	Linear Combination	SLS:CHR
25702 (C)	26222	Linear Combination	SLS:CHR
25703 (C)	26223	Linear Combination	SLS:CHR
25704 (C)	26224	Linear Combination	SLS:CHR
25705 (C)	26225	Linear Combination	SLS:CHR
25706 (C)	26226	Linear Combination	SLS:CHR
25707 (C)	26227	Linear Combination	SLS:CHR
25708 (C)	26228	Linear Combination	SLS:CHR
25709 (C)	26229	Linear Combination	SLS:CHR
25710 (C)	26230	Linear Combination	SLS:CHR
25711 (C)	26231	Linear Combination	SLS:CHR
25712 (C)	26232	Linear Combination	SLS:CHR
25713 (C)	26233	Linear Combination	SLS:CHR
25714 (C)	26234	Linear Combination	SLS:CHR
25715 (C)	26235	Linear Combination	SLS:CHR
25716 (C)	26236	Linear Combination	SLS:CHR
25717 (C)	26237	Linear Combination	SLS:CHR
25718 (C)	26238	Linear Combination	SLS:CHR
25719 (C)	26239	Linear Combination	SLS:CHR
25720 (C)	26240	Linear Combination	SLS:CHR
25721 (C)	26241	Linear Combination	SLS:CHR
25722 (C)	26242	Linear Combination	SLS:CHR
25723 (C)	26243	Linear Combination	SLS:CHR
25724 (C)	26244	Linear Combination	SLS:CHR
25725 (C)	26245	Linear Combination	SLS:CHR
25726 (C)	26246	Linear Combination	SLS:CHR
25727 (C)	26247	Linear Combination	SLS:CHR
25728 (C)	26248	Linear Combination	SLS:CHR
25729 (C)	26249	Linear Combination	SLS:CHR
25730 (C)	26250	Linear Combination	SLS:CHR
25731 (C)	26251	Linear Combination	SLS:CHR
25732 (C)	26252	Linear Combination	SLS:CHR
25733 (C)	26253	Linear Combination	SLS:CHR
25734 (C)	26254	Linear Combination	SLS:CHR
25735 (C)	26255	Linear Combination	SLS:CHR
25736 (C)	26256	Linear Combination	SLS:CHR
25737 (C)	26257	Linear Combination	SLS:CHR
25738 (C)	26258	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25739 (C)	26259	Linear Combination	SLS:CHR
25740 (C)	26260	Linear Combination	SLS:CHR
25741 (C)	26261	Linear Combination	SLS:CHR
25742 (C)	26262	Linear Combination	SLS:CHR
25743 (C)	26263	Linear Combination	SLS:CHR
25744 (C)	26264	Linear Combination	SLS:CHR
25745 (C)	26265	Linear Combination	SLS:CHR
25746 (C)	26266	Linear Combination	SLS:CHR
25747 (C)	26267	Linear Combination	SLS:CHR
25748 (C)	26268	Linear Combination	SLS:CHR
25749 (C)	26269	Linear Combination	SLS:CHR
25750 (C)	26270	Linear Combination	SLS:CHR
25751 (C)	26271	Linear Combination	SLS:CHR
25752 (C)	26272	Linear Combination	SLS:CHR
25753 (C)	26273	Linear Combination	SLS:CHR
25754 (C)	26274	Linear Combination	SLS:CHR
25755 (C)	26275	Linear Combination	SLS:CHR
25756 (C)	26276	Linear Combination	SLS:CHR
25757 (C)	26277	Linear Combination	SLS:CHR
25758 (C)	26278	Linear Combination	SLS:CHR
25759 (C)	26279	Linear Combination	SLS:CHR
25760 (C)	26280	Linear Combination	SLS:CHR
25761 (C)	26281	Linear Combination	SLS:CHR
25762 (C)	26282	Linear Combination	SLS:CHR
25763 (C)	26283	Linear Combination	SLS:CHR
25764 (C)	26284	Linear Combination	SLS:CHR
25765 (C)	26285	Linear Combination	SLS:CHR
25766 (C)	26286	Linear Combination	SLS:CHR
25767 (C)	26287	Linear Combination	SLS:CHR
25768 (C)	26288	Linear Combination	SLS:CHR
25769 (C)	26289	Linear Combination	SLS:CHR
25770 (C)	26290	Linear Combination	SLS:CHR
25771 (C)	26291	Linear Combination	SLS:CHR
25772 (C)	26292	Linear Combination	SLS:CHR
25773 (C)	26293	Linear Combination	SLS:CHR
25774 (C)	26294	Linear Combination	SLS:CHR
25775 (C)	26295	Linear Combination	SLS:CHR
25776 (C)	26296	Linear Combination	SLS:CHR
25777 (C)	26297	Linear Combination	SLS:CHR
25778 (C)	26298	Linear Combination	SLS:CHR
25779 (C)	26299	Linear Combination	SLS:CHR
25780 (C)	26300	Linear Combination	SLS:CHR
25781 (C)	26301	Linear Combination	SLS:CHR
25782 (C)	26302	Linear Combination	SLS:CHR
25783 (C)	26303	Linear Combination	SLS:CHR
25784 (C)	26304	Linear Combination	SLS:CHR
25785 (C)	26305	Linear Combination	SLS:CHR
25786 (C)	26306	Linear Combination	SLS:CHR
25787 (C)	26307	Linear Combination	SLS:CHR
25788 (C)	26308	Linear Combination	SLS:CHR
25789 (C)	26309	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25790 (C)	26310	Linear Combination	SLS:CHR
25791 (C)	26311	Linear Combination	SLS:CHR
25792 (C)	26312	Linear Combination	SLS:CHR
25793 (C)	26313	Linear Combination	SLS:CHR
25794 (C)	26314	Linear Combination	SLS:CHR
25795 (C)	26315	Linear Combination	SLS:CHR
25796 (C)	26316	Linear Combination	SLS:CHR
25797 (C)	26317	Linear Combination	SLS:CHR
25798 (C)	26318	Linear Combination	SLS:CHR
25799 (C)	26319	Linear Combination	SLS:CHR
25800 (C)	26320	Linear Combination	SLS:CHR
25801 (C)	26321	Linear Combination	SLS:CHR
25802 (C)	26322	Linear Combination	SLS:CHR
25803 (C)	26323	Linear Combination	SLS:CHR
25804 (C)	26324	Linear Combination	SLS:CHR
25805 (C)	26325	Linear Combination	SLS:CHR
25806 (C)	26326	Linear Combination	SLS:CHR
25807 (C)	26327	Linear Combination	SLS:CHR
25808 (C)	26328	Linear Combination	SLS:CHR
25809 (C)	26329	Linear Combination	SLS:CHR
25810 (C)	26330	Linear Combination	SLS:CHR
25811 (C)	26331	Linear Combination	SLS:CHR
25812 (C)	26332	Linear Combination	SLS:CHR
25813 (C)	26333	Linear Combination	SLS:CHR
25814 (C)	26334	Linear Combination	SLS:CHR
25815 (C)	26335	Linear Combination	SLS:CHR
25816 (C)	26336	Linear Combination	SLS:CHR
25817 (C)	26337	Linear Combination	SLS:CHR
25818 (C)	26338	Linear Combination	SLS:CHR
25819 (C)	26339	Linear Combination	SLS:CHR
25820 (C)	26340	Linear Combination	SLS:CHR
25821 (C)	26341	Linear Combination	SLS:CHR
25822 (C)	26342	Linear Combination	SLS:CHR
25823 (C)	26343	Linear Combination	SLS:CHR
25824 (C)	26344	Linear Combination	SLS:CHR
25825 (C)	26345	Linear Combination	SLS:CHR
25826 (C)	26346	Linear Combination	SLS:CHR
25827 (C)	26347	Linear Combination	SLS:CHR
25828 (C)	26348	Linear Combination	SLS:CHR
25829 (C)	26349	Linear Combination	SLS:CHR
25830 (C)	26350	Linear Combination	SLS:CHR
25831 (C)	26351	Linear Combination	SLS:CHR
25832 (C)	26352	Linear Combination	SLS:CHR
25833 (C)	26353	Linear Combination	SLS:CHR
25834 (C)	26354	Linear Combination	SLS:CHR
25835 (C)	26355	Linear Combination	SLS:CHR
25836 (C)	26356	Linear Combination	SLS:CHR
25837 (C)	26357	Linear Combination	SLS:CHR
25838 (C)	26358	Linear Combination	SLS:CHR
25839 (C)	26359	Linear Combination	SLS:CHR
25840 (C)	26360	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25841 (C)	26361	Linear Combination	SLS:CHR
25842 (C)	26362	Linear Combination	SLS:CHR
25843 (C)	26363	Linear Combination	SLS:CHR
25844 (C)	26364	Linear Combination	SLS:CHR
25845 (C)	26365	Linear Combination	SLS:CHR
25846 (C)	26366	Linear Combination	SLS:CHR
25847 (C)	26367	Linear Combination	SLS:CHR
25848 (C)	26368	Linear Combination	SLS:CHR
25849 (C)	26369	Linear Combination	SLS:CHR
25850 (C)	26370	Linear Combination	SLS:CHR
25851 (C)	26371	Linear Combination	SLS:CHR
25852 (C)	26372	Linear Combination	SLS:CHR
25853 (C)	26373	Linear Combination	SLS:CHR
25854 (C)	26374	Linear Combination	SLS:CHR
25855 (C)	26375	Linear Combination	SLS:CHR
25856 (C)	26376	Linear Combination	SLS:CHR
25857 (C)	26377	Linear Combination	SLS:CHR
25858 (C)	26378	Linear Combination	SLS:CHR
25859 (C)	26379	Linear Combination	SLS:CHR
25860 (C)	26380	Linear Combination	SLS:CHR
25861 (C)	26381	Linear Combination	SLS:CHR
25862 (C)	26382	Linear Combination	SLS:CHR
25863 (C)	26383	Linear Combination	SLS:CHR
25864 (C)	26384	Linear Combination	SLS:CHR
25865 (C)	26385	Linear Combination	SLS:CHR
25866 (C)	26386	Linear Combination	SLS:CHR
25867 (C)	26387	Linear Combination	SLS:CHR
25868 (C)	26388	Linear Combination	SLS:CHR
25869 (C)	26389	Linear Combination	SLS:CHR
25870 (C)	26390	Linear Combination	SLS:CHR
25871 (C)	26391	Linear Combination	SLS:CHR
25872 (C)	26392	Linear Combination	SLS:CHR
25873 (C)	26393	Linear Combination	SLS:CHR
25874 (C)	26394	Linear Combination	SLS:CHR
25875 (C)	26395	Linear Combination	SLS:CHR
25876 (C)	26396	Linear Combination	SLS:CHR
25877 (C)	26397	Linear Combination	SLS:CHR
25878 (C)	26398	Linear Combination	SLS:CHR
25879 (C)	26399	Linear Combination	SLS:CHR
25880 (C)	26400	Linear Combination	SLS:CHR
25881 (C)	26401	Linear Combination	SLS:CHR
25882 (C)	26402	Linear Combination	SLS:CHR
25883 (C)	26403	Linear Combination	SLS:CHR
25884 (C)	26404	Linear Combination	SLS:CHR
25885 (C)	26405	Linear Combination	SLS:CHR
25886 (C)	26406	Linear Combination	SLS:CHR
25887 (C)	26407	Linear Combination	SLS:CHR
25888 (C)	26408	Linear Combination	SLS:CHR
25889 (C)	26409	Linear Combination	SLS:CHR
25890 (C)	26410	Linear Combination	SLS:CHR
25891 (C)	26411	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25892 (C)	26412	Linear Combination	SLS:CHR
25893 (C)	26413	Linear Combination	SLS:CHR
25894 (C)	26414	Linear Combination	SLS:CHR
25895 (C)	26415	Linear Combination	SLS:CHR
25896 (C)	26416	Linear Combination	SLS:CHR
25897 (C)	26417	Linear Combination	SLS:CHR
25898 (C)	26418	Linear Combination	SLS:CHR
25899 (C)	26419	Linear Combination	SLS:CHR
25900 (C)	26420	Linear Combination	SLS:CHR
25901 (C)	26421	Linear Combination	SLS:CHR
25902 (C)	26422	Linear Combination	SLS:CHR
25903 (C)	26423	Linear Combination	SLS:CHR
25904 (C)	26424	Linear Combination	SLS:CHR
25905 (C)	26425	Linear Combination	SLS:CHR
25906 (C)	26426	Linear Combination	SLS:CHR
25907 (C)	26427	Linear Combination	SLS:CHR
25908 (C)	26428	Linear Combination	SLS:CHR
25909 (C)	26429	Linear Combination	SLS:CHR
25910 (C)	26430	Linear Combination	SLS:CHR
25911 (C)	26431	Linear Combination	SLS:CHR
25912 (C)	26432	Linear Combination	SLS:CHR
25913 (C)	26433	Linear Combination	SLS:CHR
25914 (C)	26434	Linear Combination	SLS:CHR
25915 (C)	26435	Linear Combination	SLS:CHR
25916 (C)	26436	Linear Combination	SLS:CHR
25917 (C)	26437	Linear Combination	SLS:CHR
25918 (C)	26438	Linear Combination	SLS:CHR
25919 (C)	26439	Linear Combination	SLS:CHR
25920 (C)	26440	Linear Combination	SLS:CHR
25921 (C)	26441	Linear Combination	SLS:CHR
25922 (C)	26442	Linear Combination	SLS:CHR
25923 (C)	26443	Linear Combination	SLS:CHR
25924 (C)	26444	Linear Combination	SLS:CHR
25925 (C)	26445	Linear Combination	SLS:CHR
25926 (C)	26446	Linear Combination	SLS:CHR
25927 (C)	26447	Linear Combination	SLS:CHR
25928 (C)	26448	Linear Combination	SLS:CHR
25929 (C)	26449	Linear Combination	SLS:CHR
25930 (C)	26450	Linear Combination	SLS:CHR
25931 (C)	26451	Linear Combination	SLS:CHR
25932 (C)	26452	Linear Combination	SLS:CHR
25933 (C)	26453	Linear Combination	SLS:CHR
25934 (C)	26454	Linear Combination	SLS:CHR
25935 (C)	26455	Linear Combination	SLS:CHR
25936 (C)	26456	Linear Combination	SLS:CHR
25937 (C)	26457	Linear Combination	SLS:CHR
25938 (C)	26458	Linear Combination	SLS:CHR
25939 (C)	26459	Linear Combination	SLS:CHR
25940 (C)	26460	Linear Combination	SLS:CHR
25941 (C)	26461	Linear Combination	SLS:CHR
25942 (C)	26462	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
25943 (C)	26463	Linear Combination	SLS:CHR
25944 (C)	26464	Linear Combination	SLS:CHR
25945 (C)	26465	Linear Combination	SLS:CHR
25946 (C)	26466	Linear Combination	SLS:CHR
25947 (C)	26467	Linear Combination	SLS:CHR
25948 (C)	26468	Linear Combination	SLS:CHR
25949 (C)	26469	Linear Combination	SLS:CHR
25950 (C)	26470	Linear Combination	SLS:CHR
25951 (C)	26471	Linear Combination	SLS:CHR
25952 (C)	26472	Linear Combination	SLS:CHR
25953 (C)	26473	Linear Combination	SLS:CHR
25954 (C)	26474	Linear Combination	SLS:CHR
25955 (C)	26475	Linear Combination	SLS:CHR
25956 (C)	26476	Linear Combination	SLS:CHR
25957 (C)	26477	Linear Combination	SLS:CHR
25958 (C)	26478	Linear Combination	SLS:CHR
25959 (C)	26479	Linear Combination	SLS:CHR
25960 (C)	26480	Linear Combination	SLS:CHR
25961 (C)	26481	Linear Combination	SLS:CHR
25962 (C)	26482	Linear Combination	SLS:CHR
25963 (C)	26483	Linear Combination	SLS:CHR
25964 (C)	26484	Linear Combination	SLS:CHR
25965 (C)	26485	Linear Combination	SLS:CHR
25966 (C)	26486	Linear Combination	SLS:CHR
25967 (C)	26487	Linear Combination	SLS:CHR
25968 (C)	26488	Linear Combination	SLS:CHR
25969 (C)	26489	Linear Combination	SLS:CHR
25970 (C)	26490	Linear Combination	SLS:CHR
25971 (C)	26491	Linear Combination	SLS:CHR
25972 (C)	26492	Linear Combination	SLS:CHR
25973 (C)	26493	Linear Combination	SLS:CHR
25974 (C)	26494	Linear Combination	SLS:CHR
25975 (C)	26495	Linear Combination	SLS:CHR
25976 (C)	26496	Linear Combination	SLS:CHR
25977 (C)	26497	Linear Combination	SLS:CHR
25978 (C)	26498	Linear Combination	SLS:CHR
25979 (C)	26499	Linear Combination	SLS:CHR
25980 (C)	26500	Linear Combination	SLS:CHR
25981 (C)	26501	Linear Combination	SLS:CHR
25982 (C)	26502	Linear Combination	SLS:CHR
25983 (C)	26503	Linear Combination	SLS:CHR
25984 (C)	26504	Linear Combination	SLS:CHR
25985 (C)	26505	Linear Combination	SLS:CHR
25986 (C)	26506	Linear Combination	SLS:CHR
25987 (C)	26507	Linear Combination	SLS:CHR
25988 (C)	26508	Linear Combination	SLS:CHR
25989 (C)	26509	Linear Combination	SLS:CHR
25990 (C)	26510	Linear Combination	SLS:CHR
25991 (C)	26511	Linear Combination	SLS:CHR
25992 (C)	26512	Linear Combination	SLS:CHR
25993 (C)	26513	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
25994 (C)	26514	Linear Combination	SLS:CHR
25995 (C)	26515	Linear Combination	SLS:CHR
25996 (C)	26516	Linear Combination	SLS:CHR
25997 (C)	26517	Linear Combination	SLS:CHR
25998 (C)	26518	Linear Combination	SLS:CHR
25999 (C)	26519	Linear Combination	SLS:CHR
26000 (C)	26520	Linear Combination	SLS:CHR
26001 (C)	26521	Linear Combination	SLS:CHR
26002 (C)	26522	Linear Combination	SLS:CHR
26003 (C)	26523	Linear Combination	SLS:CHR
26004 (C)	26524	Linear Combination	SLS:CHR
26005 (C)	26525	Linear Combination	SLS:CHR
26006 (C)	26526	Linear Combination	SLS:CHR
26007 (C)	26527	Linear Combination	SLS:CHR
26008 (C)	26528	Linear Combination	SLS:CHR
26009 (C)	26529	Linear Combination	SLS:CHR
26010 (C)	26530	Linear Combination	SLS:CHR
26011 (C)	26531	Linear Combination	SLS:CHR
26012 (C)	26532	Linear Combination	SLS:CHR
26013 (C)	26533	Linear Combination	SLS:CHR
26014 (C)	26534	Linear Combination	SLS:CHR
26015 (C)	26535	Linear Combination	SLS:CHR
26016 (C)	26536	Linear Combination	SLS:CHR
26017 (C)	26537	Linear Combination	SLS:CHR
26018 (C)	26538	Linear Combination	SLS:CHR
26019 (C)	26539	Linear Combination	SLS:CHR
26020 (C)	26540	Linear Combination	SLS:CHR
26021 (C)	26541	Linear Combination	SLS:CHR
26022 (C)	26542	Linear Combination	SLS:CHR
26023 (C)	26543	Linear Combination	SLS:CHR
26024 (C)	26544	Linear Combination	SLS:CHR
26025 (C)	26545	Linear Combination	SLS:CHR
26026 (C)	26546	Linear Combination	SLS:CHR
26027 (C)	26547	Linear Combination	SLS:CHR
26028 (C)	26548	Linear Combination	SLS:CHR
26029 (C)	26549	Linear Combination	SLS:CHR
26030 (C)	26550	Linear Combination	SLS:CHR
26031 (C)	26551	Linear Combination	SLS:CHR
26032 (C)	26552	Linear Combination	SLS:CHR
26033 (C)	26553	Linear Combination	SLS:CHR
26034 (C)	26554	Linear Combination	SLS:CHR
26035 (C)	26555	Linear Combination	SLS:CHR
26036 (C)	26556	Linear Combination	SLS:CHR
26037 (C)	26557	Linear Combination	SLS:CHR
26038 (C)	26558	Linear Combination	SLS:CHR
26039 (C)	26559	Linear Combination	SLS:CHR
26040 (C)	26560	Linear Combination	SLS:CHR
26041 (C)	26561	Linear Combination	SLS:CHR
26042 (C)	26562	Linear Combination	SLS:CHR
26043 (C)	26563	Linear Combination	SLS:CHR
26044 (C)	26564	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
26045 (C)	26565	Linear Combination	SLS:CHR
26046 (C)	26566	Linear Combination	SLS:CHR
26047 (C)	26567	Linear Combination	SLS:CHR
26048 (C)	26568	Linear Combination	SLS:CHR
26049 (C)	26569	Linear Combination	SLS:CHR
26050 (C)	26570	Linear Combination	SLS:CHR
26051 (C)	26571	Linear Combination	SLS:CHR
26052 (C)	26572	Linear Combination	SLS:CHR
26053 (C)	26573	Linear Combination	SLS:CHR
26054 (C)	26574	Linear Combination	SLS:CHR
26055 (C)	26575	Linear Combination	SLS:CHR
26056 (C)	26576	Linear Combination	SLS:CHR
26057 (C)	26577	Linear Combination	SLS:CHR
26058 (C)	26578	Linear Combination	SLS:CHR
26059 (C)	26579	Linear Combination	SLS:CHR
26060 (C)	26580	Linear Combination	SLS:CHR
26061 (C)	26581	Linear Combination	SLS:CHR
26062 (C)	26582	Linear Combination	SLS:CHR
26063 (C)	26583	Linear Combination	SLS:CHR
26064 (C)	26584	Linear Combination	SLS:CHR
26065 (C)	26585	Linear Combination	SLS:CHR
26066 (C)	26586	Linear Combination	SLS:CHR
26067 (C)	26587	Linear Combination	SLS:CHR
26068 (C)	26588	Linear Combination	SLS:CHR
26069 (C)	26589	Linear Combination	SLS:CHR
26070 (C)	26590	Linear Combination	SLS:CHR
26071 (C)	26591	Linear Combination	SLS:CHR
26072 (C)	26592	Linear Combination	SLS:CHR
26073 (C)	26593	Linear Combination	SLS:CHR
26074 (C)	26594	Linear Combination	SLS:CHR
26075 (C)	26595	Linear Combination	SLS:CHR
26076 (C)	26596	Linear Combination	SLS:CHR
26077 (C)	26597	Linear Combination	SLS:CHR
26078 (C)	26598	Linear Combination	SLS:CHR
26079 (C)	26599	Linear Combination	SLS:CHR
26080 (C)	26600	Linear Combination	SLS:CHR
26081 (C)	26601	Linear Combination	SLS:CHR
26082 (C)	26602	Linear Combination	SLS:CHR
26083 (C)	26603	Linear Combination	SLS:CHR
26084 (C)	26604	Linear Combination	SLS:CHR
26085 (C)	26605	Linear Combination	SLS:CHR
26086 (C)	26606	Linear Combination	SLS:CHR
26087 (C)	26607	Linear Combination	SLS:CHR
26088 (C)	26608	Linear Combination	SLS:CHR
26089 (C)	26609	Linear Combination	SLS:CHR
26090 (C)	26610	Linear Combination	SLS:CHR
26091 (C)	26611	Linear Combination	SLS:CHR
26092 (C)	26612	Linear Combination	SLS:CHR
26093 (C)	26613	Linear Combination	SLS:CHR
26094 (C)	26614	Linear Combination	SLS:CHR
26095 (C)	26615	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
26096 (C)	26616	Linear Combination	SLS:CHR
26097 (C)	26617	Linear Combination	SLS:CHR
26098 (C)	26618	Linear Combination	SLS:CHR
26099 (C)	26619	Linear Combination	SLS:CHR
26100 (C)	26620	Linear Combination	SLS:CHR
26101 (C)	26621	Linear Combination	SLS:CHR
26102 (C)	26622	Linear Combination	SLS:CHR
26103 (C)	26623	Linear Combination	SLS:CHR
26104 (C)	26624	Linear Combination	SLS:CHR
26105 (C)	26625	Linear Combination	SLS:CHR
26106 (C)	26626	Linear Combination	SLS:CHR
26107 (C)	26627	Linear Combination	SLS:CHR
26108 (C)	26628	Linear Combination	SLS:CHR
26109 (C)	26629	Linear Combination	SLS:CHR
26110 (C)	26630	Linear Combination	SLS:CHR
26111 (C)	26631	Linear Combination	SLS:CHR
26112 (C)	26632	Linear Combination	SLS:CHR
26113 (C)	26633	Linear Combination	SLS:CHR
26114 (C)	26634	Linear Combination	SLS:CHR
26115 (C)	26635	Linear Combination	SLS:CHR
26116 (C)	26636	Linear Combination	SLS:CHR
26117 (C)	26637	Linear Combination	SLS:CHR
26118 (C)	26638	Linear Combination	SLS:CHR
26119 (C)	26639	Linear Combination	SLS:CHR
26120 (C)	26640	Linear Combination	SLS:CHR
26121 (C)	26641	Linear Combination	SLS:CHR
26122 (C)	26642	Linear Combination	SLS:CHR
26123 (C)	26643	Linear Combination	SLS:CHR
26124 (C)	26644	Linear Combination	SLS:CHR
26125 (C)	26645	Linear Combination	SLS:CHR
26126 (C)	26646	Linear Combination	SLS:CHR
26127 (C)	26647	Linear Combination	SLS:CHR
26128 (C)	26648	Linear Combination	SLS:CHR
26129 (C)	26649	Linear Combination	SLS:CHR
26130 (C)	26650	Linear Combination	SLS:CHR
26131 (C)	26651	Linear Combination	SLS:CHR
26132 (C)	26652	Linear Combination	SLS:CHR
26133 (C)	26653	Linear Combination	SLS:CHR
26134 (C)	26654	Linear Combination	SLS:CHR
26135 (C)	26655	Linear Combination	SLS:CHR
26136 (C)	26656	Linear Combination	SLS:CHR
26137 (C)	26657	Linear Combination	SLS:CHR
26138 (C)	26658	Linear Combination	SLS:CHR
26139 (C)	26659	Linear Combination	SLS:CHR
26140 (C)	26660	Linear Combination	SLS:CHR
26141 (C)	26661	Linear Combination	SLS:CHR
26142 (C)	26662	Linear Combination	SLS:CHR
26143 (C)	26663	Linear Combination	SLS:CHR
26144 (C)	26664	Linear Combination	SLS:CHR
26145 (C)	26665	Linear Combination	SLS:CHR
26146 (C)	26666	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
26147 (C)	26667	Linear Combination	SLS:CHR
26148 (C)	26668	Linear Combination	SLS:CHR
26149 (C)	26669	Linear Combination	SLS:CHR
26150 (C)	26670	Linear Combination	SLS:CHR
26151 (C)	26671	Linear Combination	SLS:CHR
26152 (C)	26672	Linear Combination	SLS:CHR
26153 (C)	26673	Linear Combination	SLS:CHR
26154 (C)	26674	Linear Combination	SLS:CHR
26155 (C)	26675	Linear Combination	SLS:CHR
26156 (C)	26676	Linear Combination	SLS:CHR
26157 (C)	26677	Linear Combination	SLS:CHR
26158 (C)	26678	Linear Combination	SLS:CHR
26159 (C)	26679	Linear Combination	SLS:CHR
26160 (C)	26680	Linear Combination	SLS:CHR
26161 (C)	26681	Linear Combination	SLS:CHR
26162 (C)	26682	Linear Combination	SLS:CHR
26163 (C)	26683	Linear Combination	SLS:CHR
26164 (C)	26684	Linear Combination	SLS:CHR
26165 (C)	26685	Linear Combination	SLS:CHR
26166 (C)	26686	Linear Combination	SLS:CHR
26167 (C)	26687	Linear Combination	SLS:CHR
26168 (C)	26688	Linear Combination	SLS:CHR
26169 (C)	26689	Linear Combination	SLS:CHR
26170 (C)	26690	Linear Combination	SLS:CHR
26171 (C)	26691	Linear Combination	SLS:CHR
26172 (C)	26692	Linear Combination	SLS:CHR
26173 (C)	26693	Linear Combination	SLS:CHR
26174 (C)	26694	Linear Combination	SLS:CHR
26175 (C)	26695	Linear Combination	SLS:CHR
26176 (C)	26696	Linear Combination	SLS:CHR
26177 (C)	26697	Linear Combination	SLS:CHR
26178 (C)	26698	Linear Combination	SLS:CHR
26179 (C)	26699	Linear Combination	SLS:CHR
26180 (C)	26700	Linear Combination	SLS:CHR
26181 (C)	26701	Linear Combination	SLS:CHR
26182 (C)	26702	Linear Combination	SLS:CHR
26183 (C)	26703	Linear Combination	SLS:CHR
26184 (C)	26704	Linear Combination	SLS:CHR
26185 (C)	26705	Linear Combination	SLS:CHR
26186 (C)	26706	Linear Combination	SLS:CHR
26187 (C)	26707	Linear Combination	SLS:CHR
26188 (C)	26708	Linear Combination	SLS:CHR
26189 (C)	26709	Linear Combination	SLS:CHR
26190 (C)	26710	Linear Combination	SLS:CHR
26191 (C)	26711	Linear Combination	SLS:CHR
26192 (C)	26712	Linear Combination	SLS:CHR
26193 (C)	26713	Linear Combination	SLS:CHR
26194 (C)	26714	Linear Combination	SLS:CHR
26195 (C)	26715	Linear Combination	SLS:CHR
26196 (C)	26716	Linear Combination	SLS:CHR
26197 (C)	26717	Linear Combination	SLS:CHR

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Combinations	Name	Analysis type	Combination type
26198 (C)	26718	Linear Combination	SLS:CHR
26199 (C)	26719	Linear Combination	SLS:CHR
26200 (C)	26720	Linear Combination	SLS:CHR
26201 (C)	26721	Linear Combination	SLS:CHR
26202 (C)	26722	Linear Combination	SLS:CHR
26203 (C)	26723	Linear Combination	SLS:CHR
26204 (C)	26724	Linear Combination	SLS:CHR
26205 (C)	26725	Linear Combination	SLS:CHR
26206 (C)	26726	Linear Combination	SLS:CHR
26207 (C)	26727	Linear Combination	SLS:CHR
26208 (C)	26728	Linear Combination	SLS:CHR
26209 (C)	26729	Linear Combination	SLS:CHR
26210 (C)	26730	Linear Combination	SLS:CHR
26211 (C)	26731	Linear Combination	SLS:CHR
26212 (C)	26732	Linear Combination	SLS:CHR
26213 (C)	26733	Linear Combination	SLS:CHR
26214 (C)	26734	Linear Combination	SLS:CHR
26215 (C)	26735	Linear Combination	SLS:CHR
26216 (C)	26736	Linear Combination	SLS:CHR
26217 (C)	26737	Linear Combination	SLS:CHR
26218 (C)	26738	Linear Combination	SLS:CHR
26219 (C)	26739	Linear Combination	SLS:CHR
26220 (C)	26740	Linear Combination	SLS:CHR
26221 (C)	26741	Linear Combination	SLS:CHR
26222 (C)	26742	Linear Combination	SLS:CHR
26223 (C)	26743	Linear Combination	SLS:CHR
26224 (C)	26744	Linear Combination	SLS:CHR
26225 (C)	26745	Linear Combination	SLS:CHR
26226 (C)	26746	Linear Combination	SLS:CHR
26227 (C)	26747	Linear Combination	SLS:CHR
26228 (C)	26748	Linear Combination	SLS:CHR
26229 (C)	26749	Linear Combination	SLS:CHR
26230 (C)	26750	Linear Combination	SLS:CHR
26231 (C)	26751	Linear Combination	SLS:CHR
26232 (C)	26752	Linear Combination	SLS:CHR
26233 (C)	26753	Linear Combination	SLS:CHR
26234 (C)	26754	Linear Combination	SLS:CHR
26235 (C)	26755	Linear Combination	SLS:CHR
26236 (C)	26756	Linear Combination	SLS:CHR
26237 (C)	26757	Linear Combination	SLS:CHR
26238 (C)	26758	Linear Combination	SLS:CHR
26239 (C)	26759	Linear Combination	SLS:CHR
26240 (C)	26760	Linear Combination	SLS:CHR
26241 (C)	26761	Linear Combination	SLS:CHR
26242 (C)	26762	Linear Combination	SLS:CHR
26243 (C)	26763	Linear Combination	SLS:CHR
26244 (C)	26764	Linear Combination	SLS:CHR
26245 (C)	26765	Linear Combination	SLS:CHR
26246 (C)	26766	Linear Combination	SLS:CHR
26247 (C)	26767	Linear Combination	SLS:CHR
26248 (C)	26768	Linear Combination	SLS:CHR

Combinations	Name	Analysis type	Combination type
26249 (C)	26769	Linear Combination	SLS:CHR
26250 (C)	26770	Linear Combination	SLS:CHR
26251 (C)	26771	Linear Combination	SLS:CHR
26252 (C)	26772	Linear Combination	SLS:CHR
26253 (C)	26773	Linear Combination	SLS:CHR
26254 (C)	26774	Linear Combination	SLS:CHR
26255 (C)	26775	Linear Combination	SLS:CHR
26256 (C)	26776	Linear Combination	SLS:CHR
26257 (C)	26777	Linear Combination	SLS:CHR
26258 (C)	26778	Linear Combination	SLS:CHR
26259 (C)	26779	Linear Combination	SLS:CHR
26260 (C)	26780	Linear Combination	SLS:CHR
26261 (C)	26781	Linear Combination	SLS:CHR
26262 (C)	26782	Linear Combination	SLS:CHR
26263 (C)	26783	Linear Combination	SLS:CHR
26264 (C)	26784	Linear Combination	SLS:CHR
26265 (C)	26785	Linear Combination	SLS:CHR
26266 (C)	26786	Linear Combination	SLS:CHR
26267 (C)	26787	Linear Combination	SLS:CHR
26268 (C)	26788	Linear Combination	SLS:CHR
26269 (C)	26789	Linear Combination	SLS:CHR
26270 (C)	26790	Linear Combination	SLS:CHR
26271 (C)	26791	Linear Combination	SLS:CHR
26272 (C)	26792	Linear Combination	SLS:CHR
26273 (C)	27001	Linear Combination	SLS:CHR
26274 (C)	27002	Linear Combination	SLS:CHR
26275 (C)	27003	Linear Combination	SLS:CHR
26276 (C)	27004	Linear Combination	SLS:CHR
26277 (C)	27005	Linear Combination	SLS:CHR
26278 (C)	27006	Linear Combination	SLS:CHR
26279 (C)	27007	Linear Combination	SLS:CHR
26280 (C)	27008	Linear Combination	SLS:CHR
30001 (C)	30001	Linear Combination	SLS:FRE
30002 (C)	30002	Linear Combination	SLS:FRE
30003 (C)	30003	Linear Combination	SLS:FRE
30004 (C)	30004	Linear Combination	SLS:FRE
30005 (C)	30005	Linear Combination	SLS:FRE
30006 (C)	30006	Linear Combination	SLS:FRE
30007 (C)	30007	Linear Combination	SLS:FRE
30008 (C)	30008	Linear Combination	SLS:FRE
30009 (C)	30009	Linear Combination	SLS:FRE
30010 (C)	30010	Linear Combination	SLS:FRE
30011 (C)	30011	Linear Combination	SLS:FRE
30012 (C)	30012	Linear Combination	SLS:FRE
30013 (C)	30013	Linear Combination	SLS:FRE
30014 (C)	30014	Linear Combination	SLS:FRE
30015 (C)	30015	Linear Combination	SLS:FRE
30016 (C)	30016	Linear Combination	SLS:FRE
30017 (C)	30017	Linear Combination	SLS:FRE
30018 (C)	30018	Linear Combination	SLS:FRE
30019 (C)	30019	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30020 (C)	30020	Linear Combination	SLS:FRE
30021 (C)	30021	Linear Combination	SLS:FRE
30022 (C)	30022	Linear Combination	SLS:FRE
30023 (C)	30023	Linear Combination	SLS:FRE
30024 (C)	30024	Linear Combination	SLS:FRE
30025 (C)	30025	Linear Combination	SLS:FRE
30026 (C)	30026	Linear Combination	SLS:FRE
30027 (C)	30027	Linear Combination	SLS:FRE
30028 (C)	30028	Linear Combination	SLS:FRE
30029 (C)	30029	Linear Combination	SLS:FRE
30030 (C)	30030	Linear Combination	SLS:FRE
30031 (C)	30031	Linear Combination	SLS:FRE
30032 (C)	30032	Linear Combination	SLS:FRE
30033 (C)	30033	Linear Combination	SLS:FRE
30034 (C)	30034	Linear Combination	SLS:FRE
30035 (C)	30035	Linear Combination	SLS:FRE
30036 (C)	30036	Linear Combination	SLS:FRE
30037 (C)	30037	Linear Combination	SLS:FRE
30038 (C)	30038	Linear Combination	SLS:FRE
30039 (C)	30039	Linear Combination	SLS:FRE
30040 (C)	30040	Linear Combination	SLS:FRE
30041 (C)	30041	Linear Combination	SLS:FRE
30042 (C)	30042	Linear Combination	SLS:FRE
30043 (C)	30043	Linear Combination	SLS:FRE
30044 (C)	30044	Linear Combination	SLS:FRE
30045 (C)	30045	Linear Combination	SLS:FRE
30046 (C)	30046	Linear Combination	SLS:FRE
30047 (C)	30047	Linear Combination	SLS:FRE
30048 (C)	30048	Linear Combination	SLS:FRE
30049 (C)	30049	Linear Combination	SLS:FRE
30050 (C)	30050	Linear Combination	SLS:FRE
30051 (C)	30051	Linear Combination	SLS:FRE
30052 (C)	30052	Linear Combination	SLS:FRE
30053 (C)	30053	Linear Combination	SLS:FRE
30054 (C)	30054	Linear Combination	SLS:FRE
30055 (C)	30055	Linear Combination	SLS:FRE
30056 (C)	30056	Linear Combination	SLS:FRE
30057 (C)	30057	Linear Combination	SLS:FRE
30058 (C)	30058	Linear Combination	SLS:FRE
30059 (C)	30059	Linear Combination	SLS:FRE
30060 (C)	30060	Linear Combination	SLS:FRE
30061 (C)	30061	Linear Combination	SLS:FRE
30062 (C)	30062	Linear Combination	SLS:FRE
30063 (C)	30063	Linear Combination	SLS:FRE
30064 (C)	30064	Linear Combination	SLS:FRE
30065 (C)	30065	Linear Combination	SLS:FRE
30066 (C)	30066	Linear Combination	SLS:FRE
30067 (C)	30067	Linear Combination	SLS:FRE
30068 (C)	30068	Linear Combination	SLS:FRE
30069 (C)	30069	Linear Combination	SLS:FRE
30070 (C)	30070	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30071 (C)	30071	Linear Combination	SLS:FRE
30072 (C)	30072	Linear Combination	SLS:FRE
30073 (C)	30073	Linear Combination	SLS:FRE
30074 (C)	30074	Linear Combination	SLS:FRE
30075 (C)	30075	Linear Combination	SLS:FRE
30076 (C)	30076	Linear Combination	SLS:FRE
30077 (C)	30077	Linear Combination	SLS:FRE
30078 (C)	30078	Linear Combination	SLS:FRE
30079 (C)	30079	Linear Combination	SLS:FRE
30080 (C)	30080	Linear Combination	SLS:FRE
30081 (C)	30081	Linear Combination	SLS:FRE
30082 (C)	30082	Linear Combination	SLS:FRE
30083 (C)	30083	Linear Combination	SLS:FRE
30084 (C)	30084	Linear Combination	SLS:FRE
30085 (C)	30085	Linear Combination	SLS:FRE
30086 (C)	30086	Linear Combination	SLS:FRE
30087 (C)	30087	Linear Combination	SLS:FRE
30088 (C)	30088	Linear Combination	SLS:FRE
30089 (C)	30089	Linear Combination	SLS:FRE
30090 (C)	30090	Linear Combination	SLS:FRE
30091 (C)	30091	Linear Combination	SLS:FRE
30092 (C)	30092	Linear Combination	SLS:FRE
30093 (C)	30093	Linear Combination	SLS:FRE
30094 (C)	30094	Linear Combination	SLS:FRE
30095 (C)	30095	Linear Combination	SLS:FRE
30096 (C)	30096	Linear Combination	SLS:FRE
30097 (C)	30097	Linear Combination	SLS:FRE
30098 (C)	30098	Linear Combination	SLS:FRE
30099 (C)	30099	Linear Combination	SLS:FRE
30100 (C)	30100	Linear Combination	SLS:FRE
30101 (C)	30101	Linear Combination	SLS:FRE
30102 (C)	30102	Linear Combination	SLS:FRE
30103 (C)	30103	Linear Combination	SLS:FRE
30104 (C)	30104	Linear Combination	SLS:FRE
30105 (C)	30105	Linear Combination	SLS:FRE
30106 (C)	30106	Linear Combination	SLS:FRE
30107 (C)	30107	Linear Combination	SLS:FRE
30108 (C)	30108	Linear Combination	SLS:FRE
30109 (C)	30109	Linear Combination	SLS:FRE
30110 (C)	30110	Linear Combination	SLS:FRE
30111 (C)	30111	Linear Combination	SLS:FRE
30112 (C)	30112	Linear Combination	SLS:FRE
30113 (C)	30113	Linear Combination	SLS:FRE
30114 (C)	30114	Linear Combination	SLS:FRE
30115 (C)	30115	Linear Combination	SLS:FRE
30116 (C)	30116	Linear Combination	SLS:FRE
30117 (C)	30117	Linear Combination	SLS:FRE
30118 (C)	30118	Linear Combination	SLS:FRE
30119 (C)	30119	Linear Combination	SLS:FRE
30120 (C)	30120	Linear Combination	SLS:FRE
30121 (C)	30121	Linear Combination	SLS:FRE

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Name	Analysis type	Combination type
30122 (C)	30122	Linear Combination	SLS:FRE
30123 (C)	30123	Linear Combination	SLS:FRE
30124 (C)	30124	Linear Combination	SLS:FRE
30125 (C)	30125	Linear Combination	SLS:FRE
30126 (C)	30126	Linear Combination	SLS:FRE
30127 (C)	30127	Linear Combination	SLS:FRE
30128 (C)	30128	Linear Combination	SLS:FRE
30129 (C)	30129	Linear Combination	SLS:FRE
30130 (C)	30130	Linear Combination	SLS:FRE
30131 (C)	30131	Linear Combination	SLS:FRE
30132 (C)	30132	Linear Combination	SLS:FRE
30133 (C)	30133	Linear Combination	SLS:FRE
30134 (C)	30134	Linear Combination	SLS:FRE
30135 (C)	30135	Linear Combination	SLS:FRE
30136 (C)	30136	Linear Combination	SLS:FRE
30137 (C)	30137	Linear Combination	SLS:FRE
30138 (C)	30138	Linear Combination	SLS:FRE
30139 (C)	30139	Linear Combination	SLS:FRE
30140 (C)	30140	Linear Combination	SLS:FRE
30141 (C)	30141	Linear Combination	SLS:FRE
30142 (C)	30142	Linear Combination	SLS:FRE
30143 (C)	30143	Linear Combination	SLS:FRE
30144 (C)	30144	Linear Combination	SLS:FRE
30145 (C)	30145	Linear Combination	SLS:FRE
30146 (C)	30146	Linear Combination	SLS:FRE
30147 (C)	30147	Linear Combination	SLS:FRE
30148 (C)	30148	Linear Combination	SLS:FRE
30149 (C)	30149	Linear Combination	SLS:FRE
30150 (C)	30150	Linear Combination	SLS:FRE
30151 (C)	30151	Linear Combination	SLS:FRE
30152 (C)	30152	Linear Combination	SLS:FRE
30153 (C)	30153	Linear Combination	SLS:FRE
30154 (C)	30154	Linear Combination	SLS:FRE
30155 (C)	30155	Linear Combination	SLS:FRE
30156 (C)	30156	Linear Combination	SLS:FRE
30157 (C)	30157	Linear Combination	SLS:FRE
30158 (C)	30158	Linear Combination	SLS:FRE
30159 (C)	30159	Linear Combination	SLS:FRE
30160 (C)	30160	Linear Combination	SLS:FRE
30161 (C)	30161	Linear Combination	SLS:FRE
30162 (C)	30162	Linear Combination	SLS:FRE
30163 (C)	30163	Linear Combination	SLS:FRE
30164 (C)	30164	Linear Combination	SLS:FRE
30165 (C)	30165	Linear Combination	SLS:FRE
30166 (C)	30166	Linear Combination	SLS:FRE
30167 (C)	30167	Linear Combination	SLS:FRE
30168 (C)	30168	Linear Combination	SLS:FRE
30169 (C)	30169	Linear Combination	SLS:FRE
30170 (C)	30170	Linear Combination	SLS:FRE
30171 (C)	30171	Linear Combination	SLS:FRE
30172 (C)	30172	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30173 (C)	30173	Linear Combination	SLS:FRE
30174 (C)	30174	Linear Combination	SLS:FRE
30175 (C)	30175	Linear Combination	SLS:FRE
30176 (C)	30176	Linear Combination	SLS:FRE
30177 (C)	30177	Linear Combination	SLS:FRE
30178 (C)	30178	Linear Combination	SLS:FRE
30179 (C)	30179	Linear Combination	SLS:FRE
30180 (C)	30180	Linear Combination	SLS:FRE
30181 (C)	30181	Linear Combination	SLS:FRE
30182 (C)	30182	Linear Combination	SLS:FRE
30183 (C)	30183	Linear Combination	SLS:FRE
30184 (C)	30184	Linear Combination	SLS:FRE
30185 (C)	30185	Linear Combination	SLS:FRE
30186 (C)	30186	Linear Combination	SLS:FRE
30187 (C)	30187	Linear Combination	SLS:FRE
30188 (C)	30188	Linear Combination	SLS:FRE
30189 (C)	30189	Linear Combination	SLS:FRE
30190 (C)	30190	Linear Combination	SLS:FRE
30191 (C)	30191	Linear Combination	SLS:FRE
30192 (C)	30192	Linear Combination	SLS:FRE
30193 (C)	30193	Linear Combination	SLS:FRE
30194 (C)	30194	Linear Combination	SLS:FRE
30195 (C)	30195	Linear Combination	SLS:FRE
30196 (C)	30196	Linear Combination	SLS:FRE
30197 (C)	30197	Linear Combination	SLS:FRE
30198 (C)	30198	Linear Combination	SLS:FRE
30199 (C)	30199	Linear Combination	SLS:FRE
30200 (C)	30200	Linear Combination	SLS:FRE
30201 (C)	30201	Linear Combination	SLS:FRE
30202 (C)	30202	Linear Combination	SLS:FRE
30203 (C)	30203	Linear Combination	SLS:FRE
30204 (C)	30204	Linear Combination	SLS:FRE
30205 (C)	30205	Linear Combination	SLS:FRE
30206 (C)	30206	Linear Combination	SLS:FRE
30207 (C)	30207	Linear Combination	SLS:FRE
30208 (C)	30208	Linear Combination	SLS:FRE
30209 (C)	30209	Linear Combination	SLS:FRE
30210 (C)	30210	Linear Combination	SLS:FRE
30211 (C)	30211	Linear Combination	SLS:FRE
30212 (C)	30212	Linear Combination	SLS:FRE
30213 (C)	30213	Linear Combination	SLS:FRE
30214 (C)	30214	Linear Combination	SLS:FRE
30215 (C)	30215	Linear Combination	SLS:FRE
30216 (C)	30216	Linear Combination	SLS:FRE
30217 (C)	30217	Linear Combination	SLS:FRE
30218 (C)	30218	Linear Combination	SLS:FRE
30219 (C)	30219	Linear Combination	SLS:FRE
30220 (C)	30220	Linear Combination	SLS:FRE
30221 (C)	30221	Linear Combination	SLS:FRE
30222 (C)	30222	Linear Combination	SLS:FRE
30223 (C)	30223	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30224 (C)	30224	Linear Combination	SLS:FRE
30225 (C)	30225	Linear Combination	SLS:FRE
30226 (C)	30226	Linear Combination	SLS:FRE
30227 (C)	30227	Linear Combination	SLS:FRE
30228 (C)	30228	Linear Combination	SLS:FRE
30229 (C)	30229	Linear Combination	SLS:FRE
30230 (C)	30230	Linear Combination	SLS:FRE
30231 (C)	30231	Linear Combination	SLS:FRE
30232 (C)	30232	Linear Combination	SLS:FRE
30233 (C)	30233	Linear Combination	SLS:FRE
30234 (C)	30234	Linear Combination	SLS:FRE
30235 (C)	30235	Linear Combination	SLS:FRE
30236 (C)	30236	Linear Combination	SLS:FRE
30237 (C)	30237	Linear Combination	SLS:FRE
30238 (C)	30238	Linear Combination	SLS:FRE
30239 (C)	30239	Linear Combination	SLS:FRE
30240 (C)	30240	Linear Combination	SLS:FRE
30241 (C)	30241	Linear Combination	SLS:FRE
30242 (C)	30242	Linear Combination	SLS:FRE
30243 (C)	30243	Linear Combination	SLS:FRE
30244 (C)	30244	Linear Combination	SLS:FRE
30245 (C)	30245	Linear Combination	SLS:FRE
30246 (C)	30246	Linear Combination	SLS:FRE
30247 (C)	30247	Linear Combination	SLS:FRE
30248 (C)	30248	Linear Combination	SLS:FRE
30249 (C)	30249	Linear Combination	SLS:FRE
30250 (C)	30250	Linear Combination	SLS:FRE
30251 (C)	30251	Linear Combination	SLS:FRE
30252 (C)	30252	Linear Combination	SLS:FRE
30253 (C)	30253	Linear Combination	SLS:FRE
30254 (C)	30254	Linear Combination	SLS:FRE
30255 (C)	30255	Linear Combination	SLS:FRE
30256 (C)	30256	Linear Combination	SLS:FRE
30257 (C)	30257	Linear Combination	SLS:FRE
30258 (C)	30258	Linear Combination	SLS:FRE
30259 (C)	30259	Linear Combination	SLS:FRE
30260 (C)	30260	Linear Combination	SLS:FRE
30261 (C)	30261	Linear Combination	SLS:FRE
30262 (C)	30262	Linear Combination	SLS:FRE
30263 (C)	30263	Linear Combination	SLS:FRE
30264 (C)	30264	Linear Combination	SLS:FRE
30265 (C)	30265	Linear Combination	SLS:FRE
30266 (C)	30266	Linear Combination	SLS:FRE
30267 (C)	30267	Linear Combination	SLS:FRE
30268 (C)	30268	Linear Combination	SLS:FRE
30269 (C)	30269	Linear Combination	SLS:FRE
30270 (C)	30270	Linear Combination	SLS:FRE
30271 (C)	30271	Linear Combination	SLS:FRE
30272 (C)	30272	Linear Combination	SLS:FRE
30273 (C)	30273	Linear Combination	SLS:FRE
30274 (C)	30274	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30275 (C)	30275	Linear Combination	SLS:FRE
30276 (C)	30276	Linear Combination	SLS:FRE
30277 (C)	30277	Linear Combination	SLS:FRE
30278 (C)	30278	Linear Combination	SLS:FRE
30279 (C)	30279	Linear Combination	SLS:FRE
30280 (C)	30280	Linear Combination	SLS:FRE
30281 (C)	30281	Linear Combination	SLS:FRE
30282 (C)	30282	Linear Combination	SLS:FRE
30283 (C)	30283	Linear Combination	SLS:FRE
30284 (C)	30284	Linear Combination	SLS:FRE
30285 (C)	30285	Linear Combination	SLS:FRE
30286 (C)	30286	Linear Combination	SLS:FRE
30287 (C)	30287	Linear Combination	SLS:FRE
30288 (C)	30288	Linear Combination	SLS:FRE
30289 (C)	30289	Linear Combination	SLS:FRE
30290 (C)	30290	Linear Combination	SLS:FRE
30291 (C)	30291	Linear Combination	SLS:FRE
30292 (C)	30292	Linear Combination	SLS:FRE
30293 (C)	30293	Linear Combination	SLS:FRE
30294 (C)	30294	Linear Combination	SLS:FRE
30295 (C)	30295	Linear Combination	SLS:FRE
30296 (C)	30296	Linear Combination	SLS:FRE
30297 (C)	30297	Linear Combination	SLS:FRE
30298 (C)	30298	Linear Combination	SLS:FRE
30299 (C)	30299	Linear Combination	SLS:FRE
30300 (C)	30300	Linear Combination	SLS:FRE
30301 (C)	30301	Linear Combination	SLS:FRE
30302 (C)	30302	Linear Combination	SLS:FRE
30303 (C)	30303	Linear Combination	SLS:FRE
30304 (C)	30304	Linear Combination	SLS:FRE
30305 (C)	30305	Linear Combination	SLS:FRE
30306 (C)	30306	Linear Combination	SLS:FRE
30307 (C)	30307	Linear Combination	SLS:FRE
30308 (C)	30308	Linear Combination	SLS:FRE
30309 (C)	30309	Linear Combination	SLS:FRE
30310 (C)	30310	Linear Combination	SLS:FRE
30311 (C)	30311	Linear Combination	SLS:FRE
30312 (C)	30312	Linear Combination	SLS:FRE
30313 (C)	30313	Linear Combination	SLS:FRE
30314 (C)	30314	Linear Combination	SLS:FRE
30315 (C)	30315	Linear Combination	SLS:FRE
30316 (C)	30316	Linear Combination	SLS:FRE
30317 (C)	30317	Linear Combination	SLS:FRE
30318 (C)	30318	Linear Combination	SLS:FRE
30319 (C)	30319	Linear Combination	SLS:FRE
30320 (C)	30320	Linear Combination	SLS:FRE
30321 (C)	30321	Linear Combination	SLS:FRE
30322 (C)	30322	Linear Combination	SLS:FRE
30323 (C)	30323	Linear Combination	SLS:FRE
30324 (C)	30324	Linear Combination	SLS:FRE
30325 (C)	30325	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30326 (C)	30326	Linear Combination	SLS:FRE
30327 (C)	30327	Linear Combination	SLS:FRE
30328 (C)	30328	Linear Combination	SLS:FRE
30329 (C)	30329	Linear Combination	SLS:FRE
30330 (C)	30330	Linear Combination	SLS:FRE
30331 (C)	30331	Linear Combination	SLS:FRE
30332 (C)	30332	Linear Combination	SLS:FRE
30333 (C)	30333	Linear Combination	SLS:FRE
30334 (C)	30334	Linear Combination	SLS:FRE
30335 (C)	30335	Linear Combination	SLS:FRE
30336 (C)	30336	Linear Combination	SLS:FRE
30337 (C)	30337	Linear Combination	SLS:FRE
30338 (C)	30338	Linear Combination	SLS:FRE
30339 (C)	30339	Linear Combination	SLS:FRE
30340 (C)	30340	Linear Combination	SLS:FRE
30341 (C)	30341	Linear Combination	SLS:FRE
30342 (C)	30342	Linear Combination	SLS:FRE
30343 (C)	30343	Linear Combination	SLS:FRE
30344 (C)	30344	Linear Combination	SLS:FRE
30345 (C)	30345	Linear Combination	SLS:FRE
30346 (C)	30346	Linear Combination	SLS:FRE
30347 (C)	30347	Linear Combination	SLS:FRE
30348 (C)	30348	Linear Combination	SLS:FRE
30349 (C)	30349	Linear Combination	SLS:FRE
30350 (C)	30350	Linear Combination	SLS:FRE
30351 (C)	30351	Linear Combination	SLS:FRE
30352 (C)	30352	Linear Combination	SLS:FRE
30353 (C)	30353	Linear Combination	SLS:FRE
30354 (C)	30354	Linear Combination	SLS:FRE
30355 (C)	30355	Linear Combination	SLS:FRE
30356 (C)	30356	Linear Combination	SLS:FRE
30357 (C)	30357	Linear Combination	SLS:FRE
30358 (C)	30358	Linear Combination	SLS:FRE
30359 (C)	30359	Linear Combination	SLS:FRE
30360 (C)	30360	Linear Combination	SLS:FRE
30361 (C)	30361	Linear Combination	SLS:FRE
30362 (C)	30362	Linear Combination	SLS:FRE
30363 (C)	30363	Linear Combination	SLS:FRE
30364 (C)	30364	Linear Combination	SLS:FRE
30365 (C)	30365	Linear Combination	SLS:FRE
30366 (C)	30366	Linear Combination	SLS:FRE
30367 (C)	30367	Linear Combination	SLS:FRE
30368 (C)	30368	Linear Combination	SLS:FRE
30369 (C)	30369	Linear Combination	SLS:FRE
30370 (C)	30370	Linear Combination	SLS:FRE
30371 (C)	30371	Linear Combination	SLS:FRE
30372 (C)	30372	Linear Combination	SLS:FRE
30373 (C)	30373	Linear Combination	SLS:FRE
30374 (C)	30374	Linear Combination	SLS:FRE
30375 (C)	30375	Linear Combination	SLS:FRE
30376 (C)	30376	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30377 (C)	30377	Linear Combination	SLS:FRE
30378 (C)	30378	Linear Combination	SLS:FRE
30379 (C)	30379	Linear Combination	SLS:FRE
30380 (C)	30380	Linear Combination	SLS:FRE
30381 (C)	30381	Linear Combination	SLS:FRE
30382 (C)	30382	Linear Combination	SLS:FRE
30383 (C)	30383	Linear Combination	SLS:FRE
30384 (C)	30384	Linear Combination	SLS:FRE
30385 (C)	30385	Linear Combination	SLS:FRE
30386 (C)	30386	Linear Combination	SLS:FRE
30387 (C)	30387	Linear Combination	SLS:FRE
30388 (C)	30388	Linear Combination	SLS:FRE
30389 (C)	30389	Linear Combination	SLS:FRE
30390 (C)	30390	Linear Combination	SLS:FRE
30391 (C)	30391	Linear Combination	SLS:FRE
30392 (C)	30392	Linear Combination	SLS:FRE
30393 (C)	30393	Linear Combination	SLS:FRE
30394 (C)	30394	Linear Combination	SLS:FRE
30395 (C)	30395	Linear Combination	SLS:FRE
30396 (C)	30396	Linear Combination	SLS:FRE
30397 (C)	30397	Linear Combination	SLS:FRE
30398 (C)	30398	Linear Combination	SLS:FRE
30399 (C)	30399	Linear Combination	SLS:FRE
30400 (C)	30400	Linear Combination	SLS:FRE
30401 (C)	30401	Linear Combination	SLS:FRE
30402 (C)	30402	Linear Combination	SLS:FRE
30403 (C)	30403	Linear Combination	SLS:FRE
30404 (C)	30404	Linear Combination	SLS:FRE
30405 (C)	30405	Linear Combination	SLS:FRE
30406 (C)	30406	Linear Combination	SLS:FRE
30407 (C)	30407	Linear Combination	SLS:FRE
30408 (C)	30408	Linear Combination	SLS:FRE
30409 (C)	30409	Linear Combination	SLS:FRE
30410 (C)	30410	Linear Combination	SLS:FRE
30411 (C)	30411	Linear Combination	SLS:FRE
30412 (C)	30412	Linear Combination	SLS:FRE
30413 (C)	30413	Linear Combination	SLS:FRE
30414 (C)	30414	Linear Combination	SLS:FRE
30415 (C)	30415	Linear Combination	SLS:FRE
30416 (C)	30416	Linear Combination	SLS:FRE
30417 (C)	30417	Linear Combination	SLS:FRE
30418 (C)	30418	Linear Combination	SLS:FRE
30419 (C)	30419	Linear Combination	SLS:FRE
30420 (C)	30420	Linear Combination	SLS:FRE
30421 (C)	30421	Linear Combination	SLS:FRE
30422 (C)	30422	Linear Combination	SLS:FRE
30423 (C)	30423	Linear Combination	SLS:FRE
30424 (C)	30424	Linear Combination	SLS:FRE
30425 (C)	30425	Linear Combination	SLS:FRE
30426 (C)	30426	Linear Combination	SLS:FRE
30427 (C)	30427	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30428 (C)	30428	Linear Combination	SLS:FRE
30429 (C)	30429	Linear Combination	SLS:FRE
30430 (C)	30430	Linear Combination	SLS:FRE
30431 (C)	30431	Linear Combination	SLS:FRE
30432 (C)	30432	Linear Combination	SLS:FRE
30433 (C)	30433	Linear Combination	SLS:FRE
30434 (C)	30434	Linear Combination	SLS:FRE
30435 (C)	30435	Linear Combination	SLS:FRE
30436 (C)	30436	Linear Combination	SLS:FRE
30437 (C)	30437	Linear Combination	SLS:FRE
30438 (C)	30438	Linear Combination	SLS:FRE
30439 (C)	30439	Linear Combination	SLS:FRE
30440 (C)	30440	Linear Combination	SLS:FRE
30441 (C)	30441	Linear Combination	SLS:FRE
30442 (C)	30442	Linear Combination	SLS:FRE
30443 (C)	30443	Linear Combination	SLS:FRE
30444 (C)	30444	Linear Combination	SLS:FRE
30445 (C)	30445	Linear Combination	SLS:FRE
30446 (C)	30446	Linear Combination	SLS:FRE
30447 (C)	30447	Linear Combination	SLS:FRE
30448 (C)	30448	Linear Combination	SLS:FRE
30449 (C)	30449	Linear Combination	SLS:FRE
30450 (C)	30450	Linear Combination	SLS:FRE
30451 (C)	30451	Linear Combination	SLS:FRE
30452 (C)	30452	Linear Combination	SLS:FRE
30453 (C)	30453	Linear Combination	SLS:FRE
30454 (C)	30454	Linear Combination	SLS:FRE
30455 (C)	30455	Linear Combination	SLS:FRE
30456 (C)	30456	Linear Combination	SLS:FRE
30457 (C)	30457	Linear Combination	SLS:FRE
30458 (C)	30458	Linear Combination	SLS:FRE
30459 (C)	30459	Linear Combination	SLS:FRE
30460 (C)	30460	Linear Combination	SLS:FRE
30461 (C)	30461	Linear Combination	SLS:FRE
30462 (C)	30462	Linear Combination	SLS:FRE
30463 (C)	30463	Linear Combination	SLS:FRE
30464 (C)	30464	Linear Combination	SLS:FRE
30465 (C)	30465	Linear Combination	SLS:FRE
30466 (C)	30466	Linear Combination	SLS:FRE
30467 (C)	30467	Linear Combination	SLS:FRE
30468 (C)	30468	Linear Combination	SLS:FRE
30469 (C)	30469	Linear Combination	SLS:FRE
30470 (C)	30470	Linear Combination	SLS:FRE
30471 (C)	30471	Linear Combination	SLS:FRE
30472 (C)	30472	Linear Combination	SLS:FRE
30473 (C)	30473	Linear Combination	SLS:FRE
30474 (C)	30474	Linear Combination	SLS:FRE
30475 (C)	30475	Linear Combination	SLS:FRE
30476 (C)	30476	Linear Combination	SLS:FRE
30477 (C)	30477	Linear Combination	SLS:FRE
30478 (C)	30478	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30479 (C)	30479	Linear Combination	SLS:FRE
30480 (C)	30480	Linear Combination	SLS:FRE
30481 (C)	30481	Linear Combination	SLS:FRE
30482 (C)	30482	Linear Combination	SLS:FRE
30483 (C)	30483	Linear Combination	SLS:FRE
30484 (C)	30484	Linear Combination	SLS:FRE
30485 (C)	30485	Linear Combination	SLS:FRE
30486 (C)	30486	Linear Combination	SLS:FRE
30487 (C)	30487	Linear Combination	SLS:FRE
30488 (C)	30488	Linear Combination	SLS:FRE
30489 (C)	30489	Linear Combination	SLS:FRE
30490 (C)	30490	Linear Combination	SLS:FRE
30491 (C)	30491	Linear Combination	SLS:FRE
30492 (C)	30492	Linear Combination	SLS:FRE
30493 (C)	30493	Linear Combination	SLS:FRE
30494 (C)	30494	Linear Combination	SLS:FRE
30495 (C)	30495	Linear Combination	SLS:FRE
30496 (C)	30496	Linear Combination	SLS:FRE
30497 (C)	30497	Linear Combination	SLS:FRE
30498 (C)	30498	Linear Combination	SLS:FRE
30499 (C)	30499	Linear Combination	SLS:FRE
30500 (C)	30500	Linear Combination	SLS:FRE
30501 (C)	30501	Linear Combination	SLS:FRE
30502 (C)	30502	Linear Combination	SLS:FRE
30503 (C)	30503	Linear Combination	SLS:FRE
30504 (C)	30504	Linear Combination	SLS:FRE
30505 (C)	30505	Linear Combination	SLS:FRE
30506 (C)	30506	Linear Combination	SLS:FRE
30507 (C)	30507	Linear Combination	SLS:FRE
30508 (C)	30508	Linear Combination	SLS:FRE
30509 (C)	30509	Linear Combination	SLS:FRE
30510 (C)	30510	Linear Combination	SLS:FRE
30511 (C)	30511	Linear Combination	SLS:FRE
30512 (C)	30512	Linear Combination	SLS:FRE
30513 (C)	30513	Linear Combination	SLS:FRE
30514 (C)	30514	Linear Combination	SLS:FRE
30515 (C)	30515	Linear Combination	SLS:FRE
30516 (C)	30516	Linear Combination	SLS:FRE
30517 (C)	30517	Linear Combination	SLS:FRE
30518 (C)	30518	Linear Combination	SLS:FRE
30519 (C)	30519	Linear Combination	SLS:FRE
30520 (C)	30520	Linear Combination	SLS:FRE
30521 (C)	30521	Linear Combination	SLS:FRE
30522 (C)	30522	Linear Combination	SLS:FRE
30523 (C)	30523	Linear Combination	SLS:FRE
30524 (C)	30524	Linear Combination	SLS:FRE
30525 (C)	30525	Linear Combination	SLS:FRE
30526 (C)	30526	Linear Combination	SLS:FRE
30527 (C)	30527	Linear Combination	SLS:FRE
30528 (C)	30528	Linear Combination	SLS:FRE
30529 (C)	30529	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30530 (C)	30530	Linear Combination	SLS:FRE
30531 (C)	30531	Linear Combination	SLS:FRE
30532 (C)	30532	Linear Combination	SLS:FRE
30533 (C)	30533	Linear Combination	SLS:FRE
30534 (C)	30534	Linear Combination	SLS:FRE
30535 (C)	30535	Linear Combination	SLS:FRE
30536 (C)	30536	Linear Combination	SLS:FRE
30537 (C)	30537	Linear Combination	SLS:FRE
30538 (C)	30538	Linear Combination	SLS:FRE
30539 (C)	30539	Linear Combination	SLS:FRE
30540 (C)	30540	Linear Combination	SLS:FRE
30541 (C)	30541	Linear Combination	SLS:FRE
30542 (C)	30542	Linear Combination	SLS:FRE
30543 (C)	30543	Linear Combination	SLS:FRE
30544 (C)	30544	Linear Combination	SLS:FRE
30545 (C)	30545	Linear Combination	SLS:FRE
30546 (C)	30546	Linear Combination	SLS:FRE
30547 (C)	30547	Linear Combination	SLS:FRE
30548 (C)	30548	Linear Combination	SLS:FRE
30549 (C)	30549	Linear Combination	SLS:FRE
30550 (C)	30550	Linear Combination	SLS:FRE
30551 (C)	30551	Linear Combination	SLS:FRE
30552 (C)	30552	Linear Combination	SLS:FRE
30553 (C)	30553	Linear Combination	SLS:FRE
30554 (C)	30554	Linear Combination	SLS:FRE
30555 (C)	30555	Linear Combination	SLS:FRE
30556 (C)	30556	Linear Combination	SLS:FRE
30557 (C)	30557	Linear Combination	SLS:FRE
30558 (C)	30558	Linear Combination	SLS:FRE
30559 (C)	30559	Linear Combination	SLS:FRE
30560 (C)	30560	Linear Combination	SLS:FRE
30561 (C)	30561	Linear Combination	SLS:FRE
30562 (C)	30562	Linear Combination	SLS:FRE
30563 (C)	30563	Linear Combination	SLS:FRE
30564 (C)	30564	Linear Combination	SLS:FRE
30565 (C)	30565	Linear Combination	SLS:FRE
30566 (C)	30566	Linear Combination	SLS:FRE
30567 (C)	30567	Linear Combination	SLS:FRE
30568 (C)	30568	Linear Combination	SLS:FRE
30569 (C)	30569	Linear Combination	SLS:FRE
30570 (C)	30570	Linear Combination	SLS:FRE
30571 (C)	30571	Linear Combination	SLS:FRE
30572 (C)	30572	Linear Combination	SLS:FRE
30573 (C)	30573	Linear Combination	SLS:FRE
30574 (C)	30574	Linear Combination	SLS:FRE
30575 (C)	30575	Linear Combination	SLS:FRE
30576 (C)	30576	Linear Combination	SLS:FRE
30577 (C)	30577	Linear Combination	SLS:FRE
30578 (C)	30578	Linear Combination	SLS:FRE
30579 (C)	30579	Linear Combination	SLS:FRE
30580 (C)	30580	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30581 (C)	30581	Linear Combination	SLS:FRE
30582 (C)	30582	Linear Combination	SLS:FRE
30583 (C)	30583	Linear Combination	SLS:FRE
30584 (C)	30584	Linear Combination	SLS:FRE
30585 (C)	30585	Linear Combination	SLS:FRE
30586 (C)	30586	Linear Combination	SLS:FRE
30587 (C)	30587	Linear Combination	SLS:FRE
30588 (C)	30588	Linear Combination	SLS:FRE
30589 (C)	30589	Linear Combination	SLS:FRE
30590 (C)	30590	Linear Combination	SLS:FRE
30591 (C)	30591	Linear Combination	SLS:FRE
30592 (C)	30592	Linear Combination	SLS:FRE
30593 (C)	30593	Linear Combination	SLS:FRE
30594 (C)	30594	Linear Combination	SLS:FRE
30595 (C)	30595	Linear Combination	SLS:FRE
30596 (C)	30596	Linear Combination	SLS:FRE
30597 (C)	30597	Linear Combination	SLS:FRE
30598 (C)	30598	Linear Combination	SLS:FRE
30599 (C)	30599	Linear Combination	SLS:FRE
30600 (C)	30600	Linear Combination	SLS:FRE
30601 (C)	30601	Linear Combination	SLS:FRE
30602 (C)	30602	Linear Combination	SLS:FRE
30603 (C)	30603	Linear Combination	SLS:FRE
30604 (C)	30604	Linear Combination	SLS:FRE
30605 (C)	30605	Linear Combination	SLS:FRE
30606 (C)	30606	Linear Combination	SLS:FRE
30607 (C)	30607	Linear Combination	SLS:FRE
30608 (C)	30608	Linear Combination	SLS:FRE
30609 (C)	30609	Linear Combination	SLS:FRE
30610 (C)	30610	Linear Combination	SLS:FRE
30611 (C)	30611	Linear Combination	SLS:FRE
30612 (C)	30612	Linear Combination	SLS:FRE
30613 (C)	30613	Linear Combination	SLS:FRE
30614 (C)	30614	Linear Combination	SLS:FRE
30615 (C)	30615	Linear Combination	SLS:FRE
30616 (C)	30616	Linear Combination	SLS:FRE
30617 (C)	30617	Linear Combination	SLS:FRE
30618 (C)	30618	Linear Combination	SLS:FRE
30619 (C)	30619	Linear Combination	SLS:FRE
30620 (C)	30620	Linear Combination	SLS:FRE
30621 (C)	30621	Linear Combination	SLS:FRE
30622 (C)	30622	Linear Combination	SLS:FRE
30623 (C)	30623	Linear Combination	SLS:FRE
30624 (C)	30624	Linear Combination	SLS:FRE
30625 (C)	30625	Linear Combination	SLS:FRE
30626 (C)	30626	Linear Combination	SLS:FRE
30627 (C)	30627	Linear Combination	SLS:FRE
30628 (C)	30628	Linear Combination	SLS:FRE
30629 (C)	30629	Linear Combination	SLS:FRE
30630 (C)	30630	Linear Combination	SLS:FRE
30631 (C)	30631	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30632 (C)	30632	Linear Combination	SLS:FRE
30633 (C)	30633	Linear Combination	SLS:FRE
30634 (C)	30634	Linear Combination	SLS:FRE
30635 (C)	30635	Linear Combination	SLS:FRE
30636 (C)	30636	Linear Combination	SLS:FRE
30637 (C)	30637	Linear Combination	SLS:FRE
30638 (C)	30638	Linear Combination	SLS:FRE
30639 (C)	30639	Linear Combination	SLS:FRE
30640 (C)	30640	Linear Combination	SLS:FRE
30641 (C)	30641	Linear Combination	SLS:FRE
30642 (C)	30642	Linear Combination	SLS:FRE
30643 (C)	30643	Linear Combination	SLS:FRE
30644 (C)	30644	Linear Combination	SLS:FRE
30645 (C)	30645	Linear Combination	SLS:FRE
30646 (C)	30646	Linear Combination	SLS:FRE
30647 (C)	30647	Linear Combination	SLS:FRE
30648 (C)	30648	Linear Combination	SLS:FRE
30649 (C)	30649	Linear Combination	SLS:FRE
30650 (C)	30650	Linear Combination	SLS:FRE
30651 (C)	30651	Linear Combination	SLS:FRE
30652 (C)	30652	Linear Combination	SLS:FRE
30653 (C)	30653	Linear Combination	SLS:FRE
30654 (C)	30654	Linear Combination	SLS:FRE
30655 (C)	30655	Linear Combination	SLS:FRE
30656 (C)	30656	Linear Combination	SLS:FRE
30657 (C)	30657	Linear Combination	SLS:FRE
30658 (C)	30658	Linear Combination	SLS:FRE
30659 (C)	30659	Linear Combination	SLS:FRE
30660 (C)	30660	Linear Combination	SLS:FRE
30661 (C)	30661	Linear Combination	SLS:FRE
30662 (C)	30662	Linear Combination	SLS:FRE
30663 (C)	30663	Linear Combination	SLS:FRE
30664 (C)	30664	Linear Combination	SLS:FRE
30665 (C)	30665	Linear Combination	SLS:FRE
30666 (C)	30666	Linear Combination	SLS:FRE
30667 (C)	30667	Linear Combination	SLS:FRE
30668 (C)	30668	Linear Combination	SLS:FRE
30669 (C)	30669	Linear Combination	SLS:FRE
30670 (C)	30670	Linear Combination	SLS:FRE
30671 (C)	30671	Linear Combination	SLS:FRE
30672 (C)	30672	Linear Combination	SLS:FRE
30673 (C)	30673	Linear Combination	SLS:FRE
30674 (C)	30674	Linear Combination	SLS:FRE
30675 (C)	30675	Linear Combination	SLS:FRE
30676 (C)	30676	Linear Combination	SLS:FRE
30677 (C)	30677	Linear Combination	SLS:FRE
30678 (C)	30678	Linear Combination	SLS:FRE
30679 (C)	30679	Linear Combination	SLS:FRE
30680 (C)	30680	Linear Combination	SLS:FRE
30681 (C)	30681	Linear Combination	SLS:FRE
30682 (C)	30682	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30683 (C)	30683	Linear Combination	SLS:FRE
30684 (C)	30684	Linear Combination	SLS:FRE
30685 (C)	30685	Linear Combination	SLS:FRE
30686 (C)	30686	Linear Combination	SLS:FRE
30687 (C)	30687	Linear Combination	SLS:FRE
30688 (C)	30688	Linear Combination	SLS:FRE
30689 (C)	30689	Linear Combination	SLS:FRE
30690 (C)	30690	Linear Combination	SLS:FRE
30691 (C)	30691	Linear Combination	SLS:FRE
30692 (C)	30692	Linear Combination	SLS:FRE
30693 (C)	30693	Linear Combination	SLS:FRE
30694 (C)	30694	Linear Combination	SLS:FRE
30695 (C)	30695	Linear Combination	SLS:FRE
30696 (C)	30696	Linear Combination	SLS:FRE
30697 (C)	30697	Linear Combination	SLS:FRE
30698 (C)	30698	Linear Combination	SLS:FRE
30699 (C)	30699	Linear Combination	SLS:FRE
30700 (C)	30700	Linear Combination	SLS:FRE
30701 (C)	30701	Linear Combination	SLS:FRE
30702 (C)	30702	Linear Combination	SLS:FRE
30703 (C)	30703	Linear Combination	SLS:FRE
30704 (C)	30704	Linear Combination	SLS:FRE
30705 (C)	30705	Linear Combination	SLS:FRE
30706 (C)	30706	Linear Combination	SLS:FRE
30707 (C)	30707	Linear Combination	SLS:FRE
30708 (C)	30708	Linear Combination	SLS:FRE
30709 (C)	30709	Linear Combination	SLS:FRE
30710 (C)	30710	Linear Combination	SLS:FRE
30711 (C)	30711	Linear Combination	SLS:FRE
30712 (C)	30712	Linear Combination	SLS:FRE
30713 (C)	30713	Linear Combination	SLS:FRE
30714 (C)	30714	Linear Combination	SLS:FRE
30715 (C)	30715	Linear Combination	SLS:FRE
30716 (C)	30716	Linear Combination	SLS:FRE
30717 (C)	30717	Linear Combination	SLS:FRE
30718 (C)	30718	Linear Combination	SLS:FRE
30719 (C)	30719	Linear Combination	SLS:FRE
30720 (C)	30720	Linear Combination	SLS:FRE
30721 (C)	30721	Linear Combination	SLS:FRE
30722 (C)	30722	Linear Combination	SLS:FRE
30723 (C)	30723	Linear Combination	SLS:FRE
30724 (C)	30724	Linear Combination	SLS:FRE
30725 (C)	30725	Linear Combination	SLS:FRE
30726 (C)	30726	Linear Combination	SLS:FRE
30727 (C)	30727	Linear Combination	SLS:FRE
30728 (C)	30728	Linear Combination	SLS:FRE
30729 (C)	30729	Linear Combination	SLS:FRE
30730 (C)	30730	Linear Combination	SLS:FRE
30731 (C)	30731	Linear Combination	SLS:FRE
30732 (C)	30732	Linear Combination	SLS:FRE
30733 (C)	30733	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30734 (C)	30734	Linear Combination	SLS:FRE
30735 (C)	30735	Linear Combination	SLS:FRE
30736 (C)	30736	Linear Combination	SLS:FRE
30737 (C)	30737	Linear Combination	SLS:FRE
30738 (C)	30738	Linear Combination	SLS:FRE
30739 (C)	30739	Linear Combination	SLS:FRE
30740 (C)	30740	Linear Combination	SLS:FRE
30741 (C)	30741	Linear Combination	SLS:FRE
30742 (C)	30742	Linear Combination	SLS:FRE
30743 (C)	30743	Linear Combination	SLS:FRE
30744 (C)	30744	Linear Combination	SLS:FRE
30745 (C)	30745	Linear Combination	SLS:FRE
30746 (C)	30746	Linear Combination	SLS:FRE
30747 (C)	30747	Linear Combination	SLS:FRE
30748 (C)	30748	Linear Combination	SLS:FRE
30749 (C)	30749	Linear Combination	SLS:FRE
30750 (C)	30750	Linear Combination	SLS:FRE
30751 (C)	30751	Linear Combination	SLS:FRE
30752 (C)	30752	Linear Combination	SLS:FRE
30753 (C)	30753	Linear Combination	SLS:FRE
30754 (C)	30754	Linear Combination	SLS:FRE
30755 (C)	30755	Linear Combination	SLS:FRE
30756 (C)	30756	Linear Combination	SLS:FRE
30757 (C)	30757	Linear Combination	SLS:FRE
30758 (C)	30758	Linear Combination	SLS:FRE
30759 (C)	30759	Linear Combination	SLS:FRE
30760 (C)	30760	Linear Combination	SLS:FRE
30761 (C)	30761	Linear Combination	SLS:FRE
30762 (C)	30762	Linear Combination	SLS:FRE
30763 (C)	30763	Linear Combination	SLS:FRE
30764 (C)	30764	Linear Combination	SLS:FRE
30765 (C)	30765	Linear Combination	SLS:FRE
30766 (C)	30766	Linear Combination	SLS:FRE
30767 (C)	30767	Linear Combination	SLS:FRE
30768 (C)	30768	Linear Combination	SLS:FRE
30769 (C)	30769	Linear Combination	SLS:FRE
30770 (C)	30770	Linear Combination	SLS:FRE
30771 (C)	30771	Linear Combination	SLS:FRE
30772 (C)	30772	Linear Combination	SLS:FRE
30773 (C)	30773	Linear Combination	SLS:FRE
30774 (C)	30774	Linear Combination	SLS:FRE
30775 (C)	30775	Linear Combination	SLS:FRE
30776 (C)	30776	Linear Combination	SLS:FRE
30777 (C)	30777	Linear Combination	SLS:FRE
30778 (C)	30778	Linear Combination	SLS:FRE
30779 (C)	30779	Linear Combination	SLS:FRE
30780 (C)	30780	Linear Combination	SLS:FRE
30781 (C)	30781	Linear Combination	SLS:FRE
30782 (C)	30782	Linear Combination	SLS:FRE
30783 (C)	30783	Linear Combination	SLS:FRE
30784 (C)	30784	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30785 (C)	30785	Linear Combination	SLS:FRE
30786 (C)	30786	Linear Combination	SLS:FRE
30787 (C)	30787	Linear Combination	SLS:FRE
30788 (C)	30788	Linear Combination	SLS:FRE
30789 (C)	30789	Linear Combination	SLS:FRE
30790 (C)	30790	Linear Combination	SLS:FRE
30791 (C)	30791	Linear Combination	SLS:FRE
30792 (C)	30792	Linear Combination	SLS:FRE
30793 (C)	30793	Linear Combination	SLS:FRE
30794 (C)	30794	Linear Combination	SLS:FRE
30795 (C)	30795	Linear Combination	SLS:FRE
30796 (C)	30796	Linear Combination	SLS:FRE
30797 (C)	30797	Linear Combination	SLS:FRE
30798 (C)	30798	Linear Combination	SLS:FRE
30799 (C)	30799	Linear Combination	SLS:FRE
30800 (C)	30800	Linear Combination	SLS:FRE
30801 (C)	30801	Linear Combination	SLS:FRE
30802 (C)	30802	Linear Combination	SLS:FRE
30803 (C)	30803	Linear Combination	SLS:FRE
30804 (C)	30804	Linear Combination	SLS:FRE
30805 (C)	30805	Linear Combination	SLS:FRE
30806 (C)	30806	Linear Combination	SLS:FRE
30807 (C)	30807	Linear Combination	SLS:FRE
30808 (C)	30808	Linear Combination	SLS:FRE
30809 (C)	30809	Linear Combination	SLS:FRE
30810 (C)	30810	Linear Combination	SLS:FRE
30811 (C)	30811	Linear Combination	SLS:FRE
30812 (C)	30812	Linear Combination	SLS:FRE
30813 (C)	30813	Linear Combination	SLS:FRE
30814 (C)	30814	Linear Combination	SLS:FRE
30815 (C)	30815	Linear Combination	SLS:FRE
30816 (C)	30816	Linear Combination	SLS:FRE
30817 (C)	30817	Linear Combination	SLS:FRE
30818 (C)	30818	Linear Combination	SLS:FRE
30819 (C)	30819	Linear Combination	SLS:FRE
30820 (C)	30820	Linear Combination	SLS:FRE
30821 (C)	30821	Linear Combination	SLS:FRE
30822 (C)	30822	Linear Combination	SLS:FRE
30823 (C)	30823	Linear Combination	SLS:FRE
30824 (C)	30824	Linear Combination	SLS:FRE
30825 (C)	30825	Linear Combination	SLS:FRE
30826 (C)	30826	Linear Combination	SLS:FRE
30827 (C)	30827	Linear Combination	SLS:FRE
30828 (C)	30828	Linear Combination	SLS:FRE
30829 (C)	30829	Linear Combination	SLS:FRE
30830 (C)	30830	Linear Combination	SLS:FRE
30831 (C)	30831	Linear Combination	SLS:FRE
30832 (C)	30832	Linear Combination	SLS:FRE
30833 (C)	30833	Linear Combination	SLS:FRE
30834 (C)	30834	Linear Combination	SLS:FRE
30835 (C)	30835	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30836 (C)	30836	Linear Combination	SLS:FRE
30837 (C)	30837	Linear Combination	SLS:FRE
30838 (C)	30838	Linear Combination	SLS:FRE
30839 (C)	30839	Linear Combination	SLS:FRE
30840 (C)	30840	Linear Combination	SLS:FRE
30841 (C)	30841	Linear Combination	SLS:FRE
30842 (C)	30842	Linear Combination	SLS:FRE
30843 (C)	30843	Linear Combination	SLS:FRE
30844 (C)	30844	Linear Combination	SLS:FRE
30845 (C)	30845	Linear Combination	SLS:FRE
30846 (C)	30846	Linear Combination	SLS:FRE
30847 (C)	30847	Linear Combination	SLS:FRE
30848 (C)	30848	Linear Combination	SLS:FRE
30849 (C)	30849	Linear Combination	SLS:FRE
30850 (C)	30850	Linear Combination	SLS:FRE
30851 (C)	30851	Linear Combination	SLS:FRE
30852 (C)	30852	Linear Combination	SLS:FRE
30853 (C)	30853	Linear Combination	SLS:FRE
30854 (C)	30854	Linear Combination	SLS:FRE
30855 (C)	30855	Linear Combination	SLS:FRE
30856 (C)	30856	Linear Combination	SLS:FRE
30857 (C)	30857	Linear Combination	SLS:FRE
30858 (C)	30858	Linear Combination	SLS:FRE
30859 (C)	30859	Linear Combination	SLS:FRE
30860 (C)	30860	Linear Combination	SLS:FRE
30861 (C)	30861	Linear Combination	SLS:FRE
30862 (C)	30862	Linear Combination	SLS:FRE
30863 (C)	30863	Linear Combination	SLS:FRE
30864 (C)	30864	Linear Combination	SLS:FRE
30865 (C)	30865	Linear Combination	SLS:FRE
30866 (C)	30866	Linear Combination	SLS:FRE
30867 (C)	30867	Linear Combination	SLS:FRE
30868 (C)	30868	Linear Combination	SLS:FRE
30869 (C)	30869	Linear Combination	SLS:FRE
30870 (C)	30870	Linear Combination	SLS:FRE
30871 (C)	30871	Linear Combination	SLS:FRE
30872 (C)	30872	Linear Combination	SLS:FRE
30873 (C)	30873	Linear Combination	SLS:FRE
30874 (C)	30874	Linear Combination	SLS:FRE
30875 (C)	30875	Linear Combination	SLS:FRE
30876 (C)	30876	Linear Combination	SLS:FRE
30877 (C)	30877	Linear Combination	SLS:FRE
30878 (C)	30878	Linear Combination	SLS:FRE
30879 (C)	30879	Linear Combination	SLS:FRE
30880 (C)	30880	Linear Combination	SLS:FRE
30881 (C)	30881	Linear Combination	SLS:FRE
30882 (C)	30882	Linear Combination	SLS:FRE
30883 (C)	30883	Linear Combination	SLS:FRE
30884 (C)	30884	Linear Combination	SLS:FRE
30885 (C)	30885	Linear Combination	SLS:FRE
30886 (C)	30886	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30887 (C)	30887	Linear Combination	SLS:FRE
30888 (C)	30888	Linear Combination	SLS:FRE
30889 (C)	30889	Linear Combination	SLS:FRE
30890 (C)	30890	Linear Combination	SLS:FRE
30891 (C)	30891	Linear Combination	SLS:FRE
30892 (C)	30892	Linear Combination	SLS:FRE
30893 (C)	30893	Linear Combination	SLS:FRE
30894 (C)	30894	Linear Combination	SLS:FRE
30895 (C)	30895	Linear Combination	SLS:FRE
30896 (C)	30896	Linear Combination	SLS:FRE
30897 (C)	30897	Linear Combination	SLS:FRE
30898 (C)	30898	Linear Combination	SLS:FRE
30899 (C)	30899	Linear Combination	SLS:FRE
30900 (C)	30900	Linear Combination	SLS:FRE
30901 (C)	30901	Linear Combination	SLS:FRE
30902 (C)	30902	Linear Combination	SLS:FRE
30903 (C)	30903	Linear Combination	SLS:FRE
30904 (C)	30904	Linear Combination	SLS:FRE
30905 (C)	30905	Linear Combination	SLS:FRE
30906 (C)	30906	Linear Combination	SLS:FRE
30907 (C)	30907	Linear Combination	SLS:FRE
30908 (C)	30908	Linear Combination	SLS:FRE
30909 (C)	30909	Linear Combination	SLS:FRE
30910 (C)	30910	Linear Combination	SLS:FRE
30911 (C)	30911	Linear Combination	SLS:FRE
30912 (C)	30912	Linear Combination	SLS:FRE
30913 (C)	30913	Linear Combination	SLS:FRE
30914 (C)	30914	Linear Combination	SLS:FRE
30915 (C)	30915	Linear Combination	SLS:FRE
30916 (C)	30916	Linear Combination	SLS:FRE
30917 (C)	30917	Linear Combination	SLS:FRE
30918 (C)	30918	Linear Combination	SLS:FRE
30919 (C)	30919	Linear Combination	SLS:FRE
30920 (C)	30920	Linear Combination	SLS:FRE
30921 (C)	30921	Linear Combination	SLS:FRE
30922 (C)	30922	Linear Combination	SLS:FRE
30923 (C)	30923	Linear Combination	SLS:FRE
30924 (C)	30924	Linear Combination	SLS:FRE
30925 (C)	30925	Linear Combination	SLS:FRE
30926 (C)	30926	Linear Combination	SLS:FRE
30927 (C)	30927	Linear Combination	SLS:FRE
30928 (C)	30928	Linear Combination	SLS:FRE
30929 (C)	30929	Linear Combination	SLS:FRE
30930 (C)	30930	Linear Combination	SLS:FRE
30931 (C)	30931	Linear Combination	SLS:FRE
30932 (C)	30932	Linear Combination	SLS:FRE
30933 (C)	30933	Linear Combination	SLS:FRE
30934 (C)	30934	Linear Combination	SLS:FRE
30935 (C)	30935	Linear Combination	SLS:FRE
30936 (C)	30936	Linear Combination	SLS:FRE
30937 (C)	30937	Linear Combination	SLS:FRE

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Combinations	Name	Analysis type	Combination type
30938 (C)	30938	Linear Combination	SLS:FRE
30939 (C)	30939	Linear Combination	SLS:FRE
30940 (C)	30940	Linear Combination	SLS:FRE
30941 (C)	30941	Linear Combination	SLS:FRE
30942 (C)	30942	Linear Combination	SLS:FRE
30943 (C)	30943	Linear Combination	SLS:FRE
30944 (C)	30944	Linear Combination	SLS:FRE
30945 (C)	30945	Linear Combination	SLS:FRE
30946 (C)	30946	Linear Combination	SLS:FRE
30947 (C)	30947	Linear Combination	SLS:FRE
30948 (C)	30948	Linear Combination	SLS:FRE
30949 (C)	30949	Linear Combination	SLS:FRE
30950 (C)	30950	Linear Combination	SLS:FRE
30951 (C)	30951	Linear Combination	SLS:FRE
30952 (C)	30952	Linear Combination	SLS:FRE
30953 (C)	30953	Linear Combination	SLS:FRE
30954 (C)	30954	Linear Combination	SLS:FRE
30955 (C)	30955	Linear Combination	SLS:FRE
30956 (C)	30956	Linear Combination	SLS:FRE
30957 (C)	30957	Linear Combination	SLS:FRE
30958 (C)	30958	Linear Combination	SLS:FRE
30959 (C)	30959	Linear Combination	SLS:FRE
30960 (C)	30960	Linear Combination	SLS:FRE
30961 (C)	30961	Linear Combination	SLS:FRE
30962 (C)	30962	Linear Combination	SLS:FRE
30963 (C)	30963	Linear Combination	SLS:FRE
30964 (C)	30964	Linear Combination	SLS:FRE
30965 (C)	30965	Linear Combination	SLS:FRE
30966 (C)	30966	Linear Combination	SLS:FRE
30967 (C)	30967	Linear Combination	SLS:FRE
30968 (C)	30968	Linear Combination	SLS:FRE
30969 (C)	30969	Linear Combination	SLS:FRE
30970 (C)	30970	Linear Combination	SLS:FRE
30971 (C)	30971	Linear Combination	SLS:FRE
30972 (C)	30972	Linear Combination	SLS:FRE
30973 (C)	30973	Linear Combination	SLS:FRE
30974 (C)	30974	Linear Combination	SLS:FRE
30975 (C)	30975	Linear Combination	SLS:FRE
30976 (C)	30976	Linear Combination	SLS:FRE
30977 (C)	30977	Linear Combination	SLS:FRE
30978 (C)	30978	Linear Combination	SLS:FRE
30979 (C)	30979	Linear Combination	SLS:FRE
30980 (C)	30980	Linear Combination	SLS:FRE
30981 (C)	30981	Linear Combination	SLS:FRE
30982 (C)	30982	Linear Combination	SLS:FRE
30983 (C)	30983	Linear Combination	SLS:FRE
30984 (C)	30984	Linear Combination	SLS:FRE
30985 (C)	30985	Linear Combination	SLS:FRE
30986 (C)	30986	Linear Combination	SLS:FRE
30987 (C)	30987	Linear Combination	SLS:FRE
30988 (C)	30988	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
30989 (C)	30989	Linear Combination	SLS:FRE
30990 (C)	30990	Linear Combination	SLS:FRE
30991 (C)	30991	Linear Combination	SLS:FRE
30992 (C)	30992	Linear Combination	SLS:FRE
30993 (C)	30993	Linear Combination	SLS:FRE
30994 (C)	30994	Linear Combination	SLS:FRE
30995 (C)	30995	Linear Combination	SLS:FRE
30996 (C)	30996	Linear Combination	SLS:FRE
30997 (C)	30997	Linear Combination	SLS:FRE
30998 (C)	30998	Linear Combination	SLS:FRE
30999 (C)	30999	Linear Combination	SLS:FRE
31000 (C)	31000	Linear Combination	SLS:FRE
31001 (C)	31001	Linear Combination	SLS:FRE
31002 (C)	31002	Linear Combination	SLS:FRE
31003 (C)	31003	Linear Combination	SLS:FRE
31004 (C)	31004	Linear Combination	SLS:FRE
31005 (C)	31005	Linear Combination	SLS:FRE
31006 (C)	31006	Linear Combination	SLS:FRE
31007 (C)	31007	Linear Combination	SLS:FRE
31008 (C)	31008	Linear Combination	SLS:FRE
31009 (C)	31009	Linear Combination	SLS:FRE
31010 (C)	31010	Linear Combination	SLS:FRE
31011 (C)	31011	Linear Combination	SLS:FRE
31012 (C)	31012	Linear Combination	SLS:FRE
31013 (C)	31013	Linear Combination	SLS:FRE
31014 (C)	31014	Linear Combination	SLS:FRE
31015 (C)	31015	Linear Combination	SLS:FRE
31016 (C)	31016	Linear Combination	SLS:FRE
31017 (C)	31017	Linear Combination	SLS:FRE
31018 (C)	31018	Linear Combination	SLS:FRE
31019 (C)	31019	Linear Combination	SLS:FRE
31020 (C)	31020	Linear Combination	SLS:FRE
31021 (C)	31021	Linear Combination	SLS:FRE
31022 (C)	31022	Linear Combination	SLS:FRE
31023 (C)	31023	Linear Combination	SLS:FRE
31024 (C)	31024	Linear Combination	SLS:FRE
31025 (C)	31025	Linear Combination	SLS:FRE
31026 (C)	31026	Linear Combination	SLS:FRE
31027 (C)	31027	Linear Combination	SLS:FRE
31028 (C)	31028	Linear Combination	SLS:FRE
31029 (C)	31029	Linear Combination	SLS:FRE
31030 (C)	31030	Linear Combination	SLS:FRE
31031 (C)	31031	Linear Combination	SLS:FRE
31032 (C)	31032	Linear Combination	SLS:FRE
31033 (C)	31033	Linear Combination	SLS:FRE
31034 (C)	31034	Linear Combination	SLS:FRE
31035 (C)	31035	Linear Combination	SLS:FRE
31036 (C)	31036	Linear Combination	SLS:FRE
31037 (C)	31037	Linear Combination	SLS:FRE
31038 (C)	31038	Linear Combination	SLS:FRE
31039 (C)	31039	Linear Combination	SLS:FRE

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Combinations	Name	Analysis type	Combination type
31040 (C)	31040	Linear Combination	SLS:FRE
31041 (C)	31041	Linear Combination	SLS:FRE
31042 (C)	31042	Linear Combination	SLS:FRE
31043 (C)	31043	Linear Combination	SLS:FRE
31044 (C)	31044	Linear Combination	SLS:FRE
31045 (C)	31045	Linear Combination	SLS:FRE
31046 (C)	31046	Linear Combination	SLS:FRE
31047 (C)	31047	Linear Combination	SLS:FRE
31048 (C)	31048	Linear Combination	SLS:FRE
31049 (C)	31049	Linear Combination	SLS:FRE
31050 (C)	31050	Linear Combination	SLS:FRE
31051 (C)	31051	Linear Combination	SLS:FRE
31052 (C)	31052	Linear Combination	SLS:FRE
31053 (C)	31053	Linear Combination	SLS:FRE
31054 (C)	31054	Linear Combination	SLS:FRE
31055 (C)	31055	Linear Combination	SLS:FRE
31056 (C)	31056	Linear Combination	SLS:FRE
31057 (C)	31057	Linear Combination	SLS:FRE
31058 (C)	31058	Linear Combination	SLS:FRE
31059 (C)	31059	Linear Combination	SLS:FRE
31060 (C)	31060	Linear Combination	SLS:FRE
31061 (C)	31061	Linear Combination	SLS:FRE
31062 (C)	31062	Linear Combination	SLS:FRE
31063 (C)	31063	Linear Combination	SLS:FRE
31064 (C)	31064	Linear Combination	SLS:FRE
31065 (C)	31065	Linear Combination	SLS:FRE
31066 (C)	31066	Linear Combination	SLS:FRE
31067 (C)	31067	Linear Combination	SLS:FRE
31068 (C)	31068	Linear Combination	SLS:FRE
31069 (C)	31069	Linear Combination	SLS:FRE
31070 (C)	31070	Linear Combination	SLS:FRE
31071 (C)	31071	Linear Combination	SLS:FRE
31072 (C)	31072	Linear Combination	SLS:FRE
31073 (C)	31073	Linear Combination	SLS:FRE
31074 (C)	31074	Linear Combination	SLS:FRE
31075 (C)	31075	Linear Combination	SLS:FRE
31076 (C)	31076	Linear Combination	SLS:FRE
31077 (C)	31077	Linear Combination	SLS:FRE
31078 (C)	31078	Linear Combination	SLS:FRE
31079 (C)	31079	Linear Combination	SLS:FRE
31080 (C)	31080	Linear Combination	SLS:FRE
31081 (C)	31081	Linear Combination	SLS:FRE
31082 (C)	31082	Linear Combination	SLS:FRE
31083 (C)	31083	Linear Combination	SLS:FRE
31084 (C)	31084	Linear Combination	SLS:FRE
31085 (C)	31085	Linear Combination	SLS:FRE
31086 (C)	31086	Linear Combination	SLS:FRE
31087 (C)	31087	Linear Combination	SLS:FRE
31088 (C)	31088	Linear Combination	SLS:FRE
31089 (C)	31089	Linear Combination	SLS:FRE
31090 (C)	31090	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31091 (C)	31091	Linear Combination	SLS:FRE
31092 (C)	31092	Linear Combination	SLS:FRE
31093 (C)	31093	Linear Combination	SLS:FRE
31094 (C)	31094	Linear Combination	SLS:FRE
31095 (C)	31095	Linear Combination	SLS:FRE
31096 (C)	31096	Linear Combination	SLS:FRE
31097 (C)	31097	Linear Combination	SLS:FRE
31098 (C)	31098	Linear Combination	SLS:FRE
31099 (C)	31099	Linear Combination	SLS:FRE
31100 (C)	31100	Linear Combination	SLS:FRE
31101 (C)	31101	Linear Combination	SLS:FRE
31102 (C)	31102	Linear Combination	SLS:FRE
31103 (C)	31103	Linear Combination	SLS:FRE
31104 (C)	31104	Linear Combination	SLS:FRE
31105 (C)	31105	Linear Combination	SLS:FRE
31106 (C)	31106	Linear Combination	SLS:FRE
31107 (C)	31107	Linear Combination	SLS:FRE
31108 (C)	31108	Linear Combination	SLS:FRE
31109 (C)	31109	Linear Combination	SLS:FRE
31110 (C)	31110	Linear Combination	SLS:FRE
31111 (C)	31111	Linear Combination	SLS:FRE
31112 (C)	31112	Linear Combination	SLS:FRE
31113 (C)	31113	Linear Combination	SLS:FRE
31114 (C)	31114	Linear Combination	SLS:FRE
31115 (C)	31115	Linear Combination	SLS:FRE
31116 (C)	31116	Linear Combination	SLS:FRE
31117 (C)	31117	Linear Combination	SLS:FRE
31118 (C)	31118	Linear Combination	SLS:FRE
31119 (C)	31119	Linear Combination	SLS:FRE
31120 (C)	31120	Linear Combination	SLS:FRE
31121 (C)	31121	Linear Combination	SLS:FRE
31122 (C)	31122	Linear Combination	SLS:FRE
31123 (C)	31123	Linear Combination	SLS:FRE
31124 (C)	31124	Linear Combination	SLS:FRE
31125 (C)	31125	Linear Combination	SLS:FRE
31126 (C)	31126	Linear Combination	SLS:FRE
31127 (C)	31127	Linear Combination	SLS:FRE
31128 (C)	31128	Linear Combination	SLS:FRE
31129 (C)	31129	Linear Combination	SLS:FRE
31130 (C)	31130	Linear Combination	SLS:FRE
31131 (C)	31131	Linear Combination	SLS:FRE
31132 (C)	31132	Linear Combination	SLS:FRE
31133 (C)	31133	Linear Combination	SLS:FRE
31134 (C)	31134	Linear Combination	SLS:FRE
31135 (C)	31135	Linear Combination	SLS:FRE
31136 (C)	31136	Linear Combination	SLS:FRE
31137 (C)	31137	Linear Combination	SLS:FRE
31138 (C)	31138	Linear Combination	SLS:FRE
31139 (C)	31139	Linear Combination	SLS:FRE
31140 (C)	31140	Linear Combination	SLS:FRE
31141 (C)	31141	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31142 (C)	31142	Linear Combination	SLS:FRE
31143 (C)	31143	Linear Combination	SLS:FRE
31144 (C)	31144	Linear Combination	SLS:FRE
31145 (C)	31145	Linear Combination	SLS:FRE
31146 (C)	31146	Linear Combination	SLS:FRE
31147 (C)	31147	Linear Combination	SLS:FRE
31148 (C)	31148	Linear Combination	SLS:FRE
31149 (C)	31149	Linear Combination	SLS:FRE
31150 (C)	31150	Linear Combination	SLS:FRE
31151 (C)	31151	Linear Combination	SLS:FRE
31152 (C)	31152	Linear Combination	SLS:FRE
31153 (C)	31153	Linear Combination	SLS:FRE
31154 (C)	31154	Linear Combination	SLS:FRE
31155 (C)	31155	Linear Combination	SLS:FRE
31156 (C)	31156	Linear Combination	SLS:FRE
31157 (C)	31157	Linear Combination	SLS:FRE
31158 (C)	31158	Linear Combination	SLS:FRE
31159 (C)	31159	Linear Combination	SLS:FRE
31160 (C)	31160	Linear Combination	SLS:FRE
31161 (C)	31161	Linear Combination	SLS:FRE
31162 (C)	31162	Linear Combination	SLS:FRE
31163 (C)	31163	Linear Combination	SLS:FRE
31164 (C)	31164	Linear Combination	SLS:FRE
31165 (C)	31165	Linear Combination	SLS:FRE
31166 (C)	31166	Linear Combination	SLS:FRE
31167 (C)	31167	Linear Combination	SLS:FRE
31168 (C)	31168	Linear Combination	SLS:FRE
31169 (C)	31169	Linear Combination	SLS:FRE
31170 (C)	31170	Linear Combination	SLS:FRE
31171 (C)	31171	Linear Combination	SLS:FRE
31172 (C)	31172	Linear Combination	SLS:FRE
31173 (C)	31173	Linear Combination	SLS:FRE
31174 (C)	31174	Linear Combination	SLS:FRE
31175 (C)	31175	Linear Combination	SLS:FRE
31176 (C)	31176	Linear Combination	SLS:FRE
31177 (C)	31177	Linear Combination	SLS:FRE
31178 (C)	31178	Linear Combination	SLS:FRE
31179 (C)	31179	Linear Combination	SLS:FRE
31180 (C)	31180	Linear Combination	SLS:FRE
31181 (C)	31181	Linear Combination	SLS:FRE
31182 (C)	31182	Linear Combination	SLS:FRE
31183 (C)	31183	Linear Combination	SLS:FRE
31184 (C)	31184	Linear Combination	SLS:FRE
31185 (C)	31185	Linear Combination	SLS:FRE
31186 (C)	31186	Linear Combination	SLS:FRE
31187 (C)	31187	Linear Combination	SLS:FRE
31188 (C)	31188	Linear Combination	SLS:FRE
31189 (C)	31189	Linear Combination	SLS:FRE
31190 (C)	31190	Linear Combination	SLS:FRE
31191 (C)	31191	Linear Combination	SLS:FRE
31192 (C)	31192	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31193 (C)	31193	Linear Combination	SLS:FRE
31194 (C)	31194	Linear Combination	SLS:FRE
31195 (C)	31195	Linear Combination	SLS:FRE
31196 (C)	31196	Linear Combination	SLS:FRE
31197 (C)	31197	Linear Combination	SLS:FRE
31198 (C)	31198	Linear Combination	SLS:FRE
31199 (C)	31199	Linear Combination	SLS:FRE
31200 (C)	31200	Linear Combination	SLS:FRE
31201 (C)	31201	Linear Combination	SLS:FRE
31202 (C)	31202	Linear Combination	SLS:FRE
31203 (C)	31203	Linear Combination	SLS:FRE
31204 (C)	31204	Linear Combination	SLS:FRE
31205 (C)	31205	Linear Combination	SLS:FRE
31206 (C)	31206	Linear Combination	SLS:FRE
31207 (C)	31207	Linear Combination	SLS:FRE
31208 (C)	31208	Linear Combination	SLS:FRE
31209 (C)	31209	Linear Combination	SLS:FRE
31210 (C)	31210	Linear Combination	SLS:FRE
31211 (C)	31211	Linear Combination	SLS:FRE
31212 (C)	31212	Linear Combination	SLS:FRE
31213 (C)	31213	Linear Combination	SLS:FRE
31214 (C)	31214	Linear Combination	SLS:FRE
31215 (C)	31215	Linear Combination	SLS:FRE
31216 (C)	31216	Linear Combination	SLS:FRE
31217 (C)	31217	Linear Combination	SLS:FRE
31218 (C)	31218	Linear Combination	SLS:FRE
31219 (C)	31219	Linear Combination	SLS:FRE
31220 (C)	31220	Linear Combination	SLS:FRE
31221 (C)	31221	Linear Combination	SLS:FRE
31222 (C)	31222	Linear Combination	SLS:FRE
31223 (C)	31223	Linear Combination	SLS:FRE
31224 (C)	31224	Linear Combination	SLS:FRE
31225 (C)	31225	Linear Combination	SLS:FRE
31226 (C)	31226	Linear Combination	SLS:FRE
31227 (C)	31227	Linear Combination	SLS:FRE
31228 (C)	31228	Linear Combination	SLS:FRE
31229 (C)	31229	Linear Combination	SLS:FRE
31230 (C)	31230	Linear Combination	SLS:FRE
31231 (C)	31231	Linear Combination	SLS:FRE
31232 (C)	31232	Linear Combination	SLS:FRE
31233 (C)	31233	Linear Combination	SLS:FRE
31234 (C)	31234	Linear Combination	SLS:FRE
31235 (C)	31235	Linear Combination	SLS:FRE
31236 (C)	31236	Linear Combination	SLS:FRE
31237 (C)	31237	Linear Combination	SLS:FRE
31238 (C)	31238	Linear Combination	SLS:FRE
31239 (C)	31239	Linear Combination	SLS:FRE
31240 (C)	31240	Linear Combination	SLS:FRE
31241 (C)	31241	Linear Combination	SLS:FRE
31242 (C)	31242	Linear Combination	SLS:FRE
31243 (C)	31243	Linear Combination	SLS:FRE

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Combinations	Name	Analysis type	Combination type
31244 (C)	31244	Linear Combination	SLS:FRE
31245 (C)	31245	Linear Combination	SLS:FRE
31246 (C)	31246	Linear Combination	SLS:FRE
31247 (C)	31247	Linear Combination	SLS:FRE
31248 (C)	31248	Linear Combination	SLS:FRE
31249 (C)	31249	Linear Combination	SLS:FRE
31250 (C)	31250	Linear Combination	SLS:FRE
31251 (C)	31251	Linear Combination	SLS:FRE
31252 (C)	31252	Linear Combination	SLS:FRE
31253 (C)	31253	Linear Combination	SLS:FRE
31254 (C)	31254	Linear Combination	SLS:FRE
31255 (C)	31255	Linear Combination	SLS:FRE
31256 (C)	31256	Linear Combination	SLS:FRE
31257 (C)	31257	Linear Combination	SLS:FRE
31258 (C)	31258	Linear Combination	SLS:FRE
31259 (C)	31259	Linear Combination	SLS:FRE
31260 (C)	31260	Linear Combination	SLS:FRE
31261 (C)	31261	Linear Combination	SLS:FRE
31262 (C)	31262	Linear Combination	SLS:FRE
31263 (C)	31263	Linear Combination	SLS:FRE
31264 (C)	31264	Linear Combination	SLS:FRE
31265 (C)	31265	Linear Combination	SLS:FRE
31266 (C)	31266	Linear Combination	SLS:FRE
31267 (C)	31267	Linear Combination	SLS:FRE
31268 (C)	31268	Linear Combination	SLS:FRE
31269 (C)	31269	Linear Combination	SLS:FRE
31270 (C)	31270	Linear Combination	SLS:FRE
31271 (C)	31271	Linear Combination	SLS:FRE
31272 (C)	31272	Linear Combination	SLS:FRE
31273 (C)	31273	Linear Combination	SLS:FRE
31274 (C)	31274	Linear Combination	SLS:FRE
31275 (C)	31275	Linear Combination	SLS:FRE
31276 (C)	31276	Linear Combination	SLS:FRE
31277 (C)	31277	Linear Combination	SLS:FRE
31278 (C)	31278	Linear Combination	SLS:FRE
31279 (C)	31279	Linear Combination	SLS:FRE
31280 (C)	31280	Linear Combination	SLS:FRE
31281 (C)	31281	Linear Combination	SLS:FRE
31282 (C)	31282	Linear Combination	SLS:FRE
31283 (C)	31283	Linear Combination	SLS:FRE
31284 (C)	31284	Linear Combination	SLS:FRE
31285 (C)	31285	Linear Combination	SLS:FRE
31286 (C)	31286	Linear Combination	SLS:FRE
31287 (C)	31287	Linear Combination	SLS:FRE
31288 (C)	31288	Linear Combination	SLS:FRE
31289 (C)	31289	Linear Combination	SLS:FRE
31290 (C)	31290	Linear Combination	SLS:FRE
31291 (C)	31291	Linear Combination	SLS:FRE
31292 (C)	31292	Linear Combination	SLS:FRE
31293 (C)	31293	Linear Combination	SLS:FRE
31294 (C)	31294	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31295 (C)	31295	Linear Combination	SLS:FRE
31296 (C)	31296	Linear Combination	SLS:FRE
31297 (C)	31297	Linear Combination	SLS:FRE
31298 (C)	31298	Linear Combination	SLS:FRE
31299 (C)	31299	Linear Combination	SLS:FRE
31300 (C)	31300	Linear Combination	SLS:FRE
31301 (C)	31301	Linear Combination	SLS:FRE
31302 (C)	31302	Linear Combination	SLS:FRE
31303 (C)	31303	Linear Combination	SLS:FRE
31304 (C)	31304	Linear Combination	SLS:FRE
31305 (C)	31305	Linear Combination	SLS:FRE
31306 (C)	31306	Linear Combination	SLS:FRE
31307 (C)	31307	Linear Combination	SLS:FRE
31308 (C)	31308	Linear Combination	SLS:FRE
31309 (C)	31309	Linear Combination	SLS:FRE
31310 (C)	31310	Linear Combination	SLS:FRE
31311 (C)	31311	Linear Combination	SLS:FRE
31312 (C)	31312	Linear Combination	SLS:FRE
31313 (C)	31313	Linear Combination	SLS:FRE
31314 (C)	31314	Linear Combination	SLS:FRE
31315 (C)	31315	Linear Combination	SLS:FRE
31316 (C)	31316	Linear Combination	SLS:FRE
31317 (C)	31317	Linear Combination	SLS:FRE
31318 (C)	31318	Linear Combination	SLS:FRE
31319 (C)	31319	Linear Combination	SLS:FRE
31320 (C)	31320	Linear Combination	SLS:FRE
31321 (C)	31321	Linear Combination	SLS:FRE
31322 (C)	31322	Linear Combination	SLS:FRE
31323 (C)	31323	Linear Combination	SLS:FRE
31324 (C)	31324	Linear Combination	SLS:FRE
31325 (C)	31325	Linear Combination	SLS:FRE
31326 (C)	31326	Linear Combination	SLS:FRE
31327 (C)	31327	Linear Combination	SLS:FRE
31328 (C)	31328	Linear Combination	SLS:FRE
31329 (C)	31329	Linear Combination	SLS:FRE
31330 (C)	31330	Linear Combination	SLS:FRE
31331 (C)	31331	Linear Combination	SLS:FRE
31332 (C)	31332	Linear Combination	SLS:FRE
31333 (C)	31333	Linear Combination	SLS:FRE
31334 (C)	31334	Linear Combination	SLS:FRE
31335 (C)	31335	Linear Combination	SLS:FRE
31336 (C)	31336	Linear Combination	SLS:FRE
31337 (C)	31337	Linear Combination	SLS:FRE
31338 (C)	31338	Linear Combination	SLS:FRE
31339 (C)	31339	Linear Combination	SLS:FRE
31340 (C)	31340	Linear Combination	SLS:FRE
31341 (C)	31341	Linear Combination	SLS:FRE
31342 (C)	31342	Linear Combination	SLS:FRE
31343 (C)	31343	Linear Combination	SLS:FRE
31344 (C)	31344	Linear Combination	SLS:FRE
31345 (C)	31345	Linear Combination	SLS:FRE

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Combinations	Name	Analysis type	Combination type
31346 (C)	31346	Linear Combination	SLS:FRE
31347 (C)	31347	Linear Combination	SLS:FRE
31348 (C)	31348	Linear Combination	SLS:FRE
31349 (C)	31349	Linear Combination	SLS:FRE
31350 (C)	31350	Linear Combination	SLS:FRE
31351 (C)	31351	Linear Combination	SLS:FRE
31352 (C)	31352	Linear Combination	SLS:FRE
31353 (C)	31353	Linear Combination	SLS:FRE
31354 (C)	31354	Linear Combination	SLS:FRE
31355 (C)	31355	Linear Combination	SLS:FRE
31356 (C)	31356	Linear Combination	SLS:FRE
31357 (C)	31357	Linear Combination	SLS:FRE
31358 (C)	31358	Linear Combination	SLS:FRE
31359 (C)	31359	Linear Combination	SLS:FRE
31360 (C)	31360	Linear Combination	SLS:FRE
31361 (C)	31361	Linear Combination	SLS:FRE
31362 (C)	31362	Linear Combination	SLS:FRE
31363 (C)	31363	Linear Combination	SLS:FRE
31364 (C)	31364	Linear Combination	SLS:FRE
31365 (C)	31365	Linear Combination	SLS:FRE
31366 (C)	31366	Linear Combination	SLS:FRE
31367 (C)	31367	Linear Combination	SLS:FRE
31368 (C)	31368	Linear Combination	SLS:FRE
31369 (C)	31369	Linear Combination	SLS:FRE
31370 (C)	31370	Linear Combination	SLS:FRE
31371 (C)	31371	Linear Combination	SLS:FRE
31372 (C)	31372	Linear Combination	SLS:FRE
31373 (C)	31373	Linear Combination	SLS:FRE
31374 (C)	31374	Linear Combination	SLS:FRE
31375 (C)	31375	Linear Combination	SLS:FRE
31376 (C)	31376	Linear Combination	SLS:FRE
31377 (C)	31377	Linear Combination	SLS:FRE
31378 (C)	31378	Linear Combination	SLS:FRE
31379 (C)	31379	Linear Combination	SLS:FRE
31380 (C)	31380	Linear Combination	SLS:FRE
31381 (C)	31381	Linear Combination	SLS:FRE
31382 (C)	31382	Linear Combination	SLS:FRE
31383 (C)	31383	Linear Combination	SLS:FRE
31384 (C)	31384	Linear Combination	SLS:FRE
31385 (C)	31385	Linear Combination	SLS:FRE
31386 (C)	31386	Linear Combination	SLS:FRE
31387 (C)	31387	Linear Combination	SLS:FRE
31388 (C)	31388	Linear Combination	SLS:FRE
31389 (C)	31389	Linear Combination	SLS:FRE
31390 (C)	31390	Linear Combination	SLS:FRE
31391 (C)	31391	Linear Combination	SLS:FRE
31392 (C)	31392	Linear Combination	SLS:FRE
31393 (C)	31393	Linear Combination	SLS:FRE
31394 (C)	31394	Linear Combination	SLS:FRE
31395 (C)	31395	Linear Combination	SLS:FRE
31396 (C)	31396	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31397 (C)	31397	Linear Combination	SLS:FRE
31398 (C)	31398	Linear Combination	SLS:FRE
31399 (C)	31399	Linear Combination	SLS:FRE
31400 (C)	31400	Linear Combination	SLS:FRE
31401 (C)	31401	Linear Combination	SLS:FRE
31402 (C)	31402	Linear Combination	SLS:FRE
31403 (C)	31403	Linear Combination	SLS:FRE
31404 (C)	31404	Linear Combination	SLS:FRE
31405 (C)	31405	Linear Combination	SLS:FRE
31406 (C)	31406	Linear Combination	SLS:FRE
31407 (C)	31407	Linear Combination	SLS:FRE
31408 (C)	31408	Linear Combination	SLS:FRE
31409 (C)	31409	Linear Combination	SLS:FRE
31410 (C)	31410	Linear Combination	SLS:FRE
31411 (C)	31411	Linear Combination	SLS:FRE
31412 (C)	31412	Linear Combination	SLS:FRE
31413 (C)	31413	Linear Combination	SLS:FRE
31414 (C)	31414	Linear Combination	SLS:FRE
31415 (C)	31415	Linear Combination	SLS:FRE
31416 (C)	31416	Linear Combination	SLS:FRE
31417 (C)	31417	Linear Combination	SLS:FRE
31418 (C)	31418	Linear Combination	SLS:FRE
31419 (C)	31419	Linear Combination	SLS:FRE
31420 (C)	31420	Linear Combination	SLS:FRE
31421 (C)	31421	Linear Combination	SLS:FRE
31422 (C)	31422	Linear Combination	SLS:FRE
31423 (C)	31423	Linear Combination	SLS:FRE
31424 (C)	31424	Linear Combination	SLS:FRE
31425 (C)	31425	Linear Combination	SLS:FRE
31426 (C)	31426	Linear Combination	SLS:FRE
31427 (C)	31427	Linear Combination	SLS:FRE
31428 (C)	31428	Linear Combination	SLS:FRE
31429 (C)	31429	Linear Combination	SLS:FRE
31430 (C)	31430	Linear Combination	SLS:FRE
31431 (C)	31431	Linear Combination	SLS:FRE
31432 (C)	31432	Linear Combination	SLS:FRE
31433 (C)	31433	Linear Combination	SLS:FRE
31434 (C)	31434	Linear Combination	SLS:FRE
31435 (C)	31435	Linear Combination	SLS:FRE
31436 (C)	31436	Linear Combination	SLS:FRE
31437 (C)	31437	Linear Combination	SLS:FRE
31438 (C)	31438	Linear Combination	SLS:FRE
31439 (C)	31439	Linear Combination	SLS:FRE
31440 (C)	31440	Linear Combination	SLS:FRE
31441 (C)	31441	Linear Combination	SLS:FRE
31442 (C)	31442	Linear Combination	SLS:FRE
31443 (C)	31443	Linear Combination	SLS:FRE
31444 (C)	31444	Linear Combination	SLS:FRE
31445 (C)	31445	Linear Combination	SLS:FRE
31446 (C)	31446	Linear Combination	SLS:FRE
31447 (C)	31447	Linear Combination	SLS:FRE

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Combinations	Name	Analysis type	Combination type
31448 (C)	31448	Linear Combination	SLS:FRE
31449 (C)	31449	Linear Combination	SLS:FRE
31450 (C)	31450	Linear Combination	SLS:FRE
31451 (C)	31451	Linear Combination	SLS:FRE
31452 (C)	31452	Linear Combination	SLS:FRE
31453 (C)	31453	Linear Combination	SLS:FRE
31454 (C)	31454	Linear Combination	SLS:FRE
31455 (C)	31455	Linear Combination	SLS:FRE
31456 (C)	31456	Linear Combination	SLS:FRE
31457 (C)	31457	Linear Combination	SLS:FRE
31458 (C)	31458	Linear Combination	SLS:FRE
31459 (C)	31459	Linear Combination	SLS:FRE
31460 (C)	31460	Linear Combination	SLS:FRE
31461 (C)	31461	Linear Combination	SLS:FRE
31462 (C)	31462	Linear Combination	SLS:FRE
31463 (C)	31463	Linear Combination	SLS:FRE
31464 (C)	31464	Linear Combination	SLS:FRE
31465 (C)	31465	Linear Combination	SLS:FRE
31466 (C)	31466	Linear Combination	SLS:FRE
31467 (C)	31467	Linear Combination	SLS:FRE
31468 (C)	31468	Linear Combination	SLS:FRE
31469 (C)	31469	Linear Combination	SLS:FRE
31470 (C)	31470	Linear Combination	SLS:FRE
31471 (C)	31471	Linear Combination	SLS:FRE
31472 (C)	31472	Linear Combination	SLS:FRE
31473 (C)	31473	Linear Combination	SLS:FRE
31474 (C)	31474	Linear Combination	SLS:FRE
31475 (C)	31475	Linear Combination	SLS:FRE
31476 (C)	31476	Linear Combination	SLS:FRE
31477 (C)	31477	Linear Combination	SLS:FRE
31478 (C)	31478	Linear Combination	SLS:FRE
31479 (C)	31479	Linear Combination	SLS:FRE
31480 (C)	31480	Linear Combination	SLS:FRE
31481 (C)	31481	Linear Combination	SLS:FRE
31482 (C)	31482	Linear Combination	SLS:FRE
31483 (C)	31483	Linear Combination	SLS:FRE
31484 (C)	31484	Linear Combination	SLS:FRE
31485 (C)	31485	Linear Combination	SLS:FRE
31486 (C)	31486	Linear Combination	SLS:FRE
31487 (C)	31487	Linear Combination	SLS:FRE
31488 (C)	31488	Linear Combination	SLS:FRE
31489 (C)	31489	Linear Combination	SLS:FRE
31490 (C)	31490	Linear Combination	SLS:FRE
31491 (C)	31491	Linear Combination	SLS:FRE
31492 (C)	31492	Linear Combination	SLS:FRE
31493 (C)	31493	Linear Combination	SLS:FRE
31494 (C)	31494	Linear Combination	SLS:FRE
31495 (C)	31495	Linear Combination	SLS:FRE
31496 (C)	31496	Linear Combination	SLS:FRE
31497 (C)	31497	Linear Combination	SLS:FRE
31498 (C)	31498	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31499 (C)	31499	Linear Combination	SLS:FRE
31500 (C)	31500	Linear Combination	SLS:FRE
31501 (C)	31501	Linear Combination	SLS:FRE
31502 (C)	31502	Linear Combination	SLS:FRE
31503 (C)	31503	Linear Combination	SLS:FRE
31504 (C)	31504	Linear Combination	SLS:FRE
31505 (C)	31505	Linear Combination	SLS:FRE
31506 (C)	31506	Linear Combination	SLS:FRE
31507 (C)	31507	Linear Combination	SLS:FRE
31508 (C)	31508	Linear Combination	SLS:FRE
31509 (C)	31509	Linear Combination	SLS:FRE
31510 (C)	31510	Linear Combination	SLS:FRE
31511 (C)	31511	Linear Combination	SLS:FRE
31512 (C)	31512	Linear Combination	SLS:FRE
31513 (C)	31513	Linear Combination	SLS:FRE
31514 (C)	31514	Linear Combination	SLS:FRE
31515 (C)	31515	Linear Combination	SLS:FRE
31516 (C)	31516	Linear Combination	SLS:FRE
31517 (C)	31517	Linear Combination	SLS:FRE
31518 (C)	31518	Linear Combination	SLS:FRE
31519 (C)	31519	Linear Combination	SLS:FRE
31520 (C)	31520	Linear Combination	SLS:FRE
31521 (C)	31521	Linear Combination	SLS:FRE
31522 (C)	31522	Linear Combination	SLS:FRE
31523 (C)	31523	Linear Combination	SLS:FRE
31524 (C)	31524	Linear Combination	SLS:FRE
31525 (C)	31525	Linear Combination	SLS:FRE
31526 (C)	31526	Linear Combination	SLS:FRE
31527 (C)	31527	Linear Combination	SLS:FRE
31528 (C)	31528	Linear Combination	SLS:FRE
31529 (C)	31529	Linear Combination	SLS:FRE
31530 (C)	31530	Linear Combination	SLS:FRE
31531 (C)	31531	Linear Combination	SLS:FRE
31532 (C)	31532	Linear Combination	SLS:FRE
31533 (C)	31533	Linear Combination	SLS:FRE
31534 (C)	31534	Linear Combination	SLS:FRE
31535 (C)	31535	Linear Combination	SLS:FRE
31536 (C)	31536	Linear Combination	SLS:FRE
31537 (C)	31537	Linear Combination	SLS:FRE
31538 (C)	31538	Linear Combination	SLS:FRE
31539 (C)	31539	Linear Combination	SLS:FRE
31540 (C)	31540	Linear Combination	SLS:FRE
31541 (C)	31541	Linear Combination	SLS:FRE
31542 (C)	31542	Linear Combination	SLS:FRE
31543 (C)	31543	Linear Combination	SLS:FRE
31544 (C)	31544	Linear Combination	SLS:FRE
31545 (C)	31545	Linear Combination	SLS:FRE
31546 (C)	31546	Linear Combination	SLS:FRE
31547 (C)	31547	Linear Combination	SLS:FRE
31548 (C)	31548	Linear Combination	SLS:FRE
31549 (C)	31549	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31550 (C)	31550	Linear Combination	SLS:FRE
31551 (C)	31551	Linear Combination	SLS:FRE
31552 (C)	31552	Linear Combination	SLS:FRE
31553 (C)	31553	Linear Combination	SLS:FRE
31554 (C)	31554	Linear Combination	SLS:FRE
31555 (C)	31555	Linear Combination	SLS:FRE
31556 (C)	31556	Linear Combination	SLS:FRE
31557 (C)	31557	Linear Combination	SLS:FRE
31558 (C)	31558	Linear Combination	SLS:FRE
31559 (C)	31559	Linear Combination	SLS:FRE
31560 (C)	31560	Linear Combination	SLS:FRE
31561 (C)	31561	Linear Combination	SLS:FRE
31562 (C)	31562	Linear Combination	SLS:FRE
31563 (C)	31563	Linear Combination	SLS:FRE
31564 (C)	31564	Linear Combination	SLS:FRE
31565 (C)	31565	Linear Combination	SLS:FRE
31566 (C)	31566	Linear Combination	SLS:FRE
31567 (C)	31567	Linear Combination	SLS:FRE
31568 (C)	31568	Linear Combination	SLS:FRE
31569 (C)	31569	Linear Combination	SLS:FRE
31570 (C)	31570	Linear Combination	SLS:FRE
31571 (C)	31571	Linear Combination	SLS:FRE
31572 (C)	31572	Linear Combination	SLS:FRE
31573 (C)	31573	Linear Combination	SLS:FRE
31574 (C)	31574	Linear Combination	SLS:FRE
31575 (C)	31575	Linear Combination	SLS:FRE
31576 (C)	31576	Linear Combination	SLS:FRE
31577 (C)	31577	Linear Combination	SLS:FRE
31578 (C)	31578	Linear Combination	SLS:FRE
31579 (C)	31579	Linear Combination	SLS:FRE
31580 (C)	31580	Linear Combination	SLS:FRE
31581 (C)	31581	Linear Combination	SLS:FRE
31582 (C)	31582	Linear Combination	SLS:FRE
31583 (C)	31583	Linear Combination	SLS:FRE
31584 (C)	31584	Linear Combination	SLS:FRE
31585 (C)	31585	Linear Combination	SLS:FRE
31586 (C)	31586	Linear Combination	SLS:FRE
31587 (C)	31587	Linear Combination	SLS:FRE
31588 (C)	31588	Linear Combination	SLS:FRE
31589 (C)	31589	Linear Combination	SLS:FRE
31590 (C)	31590	Linear Combination	SLS:FRE
31591 (C)	31591	Linear Combination	SLS:FRE
31592 (C)	31592	Linear Combination	SLS:FRE
31593 (C)	31593	Linear Combination	SLS:FRE
31594 (C)	31594	Linear Combination	SLS:FRE
31595 (C)	31595	Linear Combination	SLS:FRE
31596 (C)	31596	Linear Combination	SLS:FRE
31597 (C)	31597	Linear Combination	SLS:FRE
31598 (C)	31598	Linear Combination	SLS:FRE
31599 (C)	31599	Linear Combination	SLS:FRE
31600 (C)	31600	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31601 (C)	31601	Linear Combination	SLS:FRE
31602 (C)	31602	Linear Combination	SLS:FRE
31603 (C)	31603	Linear Combination	SLS:FRE
31604 (C)	31604	Linear Combination	SLS:FRE
31605 (C)	31605	Linear Combination	SLS:FRE
31606 (C)	31606	Linear Combination	SLS:FRE
31607 (C)	31607	Linear Combination	SLS:FRE
31608 (C)	31608	Linear Combination	SLS:FRE
31609 (C)	31609	Linear Combination	SLS:FRE
31610 (C)	31610	Linear Combination	SLS:FRE
31611 (C)	31611	Linear Combination	SLS:FRE
31612 (C)	31612	Linear Combination	SLS:FRE
31613 (C)	31613	Linear Combination	SLS:FRE
31614 (C)	31614	Linear Combination	SLS:FRE
31615 (C)	31615	Linear Combination	SLS:FRE
31616 (C)	31616	Linear Combination	SLS:FRE
31617 (C)	31617	Linear Combination	SLS:FRE
31618 (C)	31618	Linear Combination	SLS:FRE
31619 (C)	31619	Linear Combination	SLS:FRE
31620 (C)	31620	Linear Combination	SLS:FRE
31621 (C)	31621	Linear Combination	SLS:FRE
31622 (C)	31622	Linear Combination	SLS:FRE
31623 (C)	31623	Linear Combination	SLS:FRE
31624 (C)	31624	Linear Combination	SLS:FRE
31625 (C)	31625	Linear Combination	SLS:FRE
31626 (C)	31626	Linear Combination	SLS:FRE
31627 (C)	31627	Linear Combination	SLS:FRE
31628 (C)	31628	Linear Combination	SLS:FRE
31629 (C)	31629	Linear Combination	SLS:FRE
31630 (C)	31630	Linear Combination	SLS:FRE
31631 (C)	31631	Linear Combination	SLS:FRE
31632 (C)	31632	Linear Combination	SLS:FRE
31633 (C)	31633	Linear Combination	SLS:FRE
31634 (C)	31634	Linear Combination	SLS:FRE
31635 (C)	31635	Linear Combination	SLS:FRE
31636 (C)	31636	Linear Combination	SLS:FRE
31637 (C)	31637	Linear Combination	SLS:FRE
31638 (C)	31638	Linear Combination	SLS:FRE
31639 (C)	31639	Linear Combination	SLS:FRE
31640 (C)	31640	Linear Combination	SLS:FRE
31641 (C)	31641	Linear Combination	SLS:FRE
31642 (C)	31642	Linear Combination	SLS:FRE
31643 (C)	31643	Linear Combination	SLS:FRE
31644 (C)	31644	Linear Combination	SLS:FRE
31645 (C)	31645	Linear Combination	SLS:FRE
31646 (C)	31646	Linear Combination	SLS:FRE
31647 (C)	31647	Linear Combination	SLS:FRE
31648 (C)	31648	Linear Combination	SLS:FRE
31649 (C)	31649	Linear Combination	SLS:FRE
31650 (C)	31650	Linear Combination	SLS:FRE
31651 (C)	31651	Linear Combination	SLS:FRE

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Combinations	Name	Analysis type	Combination type
31652 (C)	31652	Linear Combination	SLS:FRE
31653 (C)	31653	Linear Combination	SLS:FRE
31654 (C)	31654	Linear Combination	SLS:FRE
31655 (C)	31655	Linear Combination	SLS:FRE
31656 (C)	31656	Linear Combination	SLS:FRE
31657 (C)	31657	Linear Combination	SLS:FRE
31658 (C)	31658	Linear Combination	SLS:FRE
31659 (C)	31659	Linear Combination	SLS:FRE
31660 (C)	31660	Linear Combination	SLS:FRE
31661 (C)	31661	Linear Combination	SLS:FRE
31662 (C)	31662	Linear Combination	SLS:FRE
31663 (C)	31663	Linear Combination	SLS:FRE
31664 (C)	31664	Linear Combination	SLS:FRE
31665 (C)	31665	Linear Combination	SLS:FRE
31666 (C)	31666	Linear Combination	SLS:FRE
31667 (C)	31667	Linear Combination	SLS:FRE
31668 (C)	31668	Linear Combination	SLS:FRE
31669 (C)	31669	Linear Combination	SLS:FRE
31670 (C)	31670	Linear Combination	SLS:FRE
31671 (C)	31671	Linear Combination	SLS:FRE
31672 (C)	31672	Linear Combination	SLS:FRE
31673 (C)	31673	Linear Combination	SLS:FRE
31674 (C)	31674	Linear Combination	SLS:FRE
31675 (C)	31675	Linear Combination	SLS:FRE
31676 (C)	31676	Linear Combination	SLS:FRE
31677 (C)	31677	Linear Combination	SLS:FRE
31678 (C)	31678	Linear Combination	SLS:FRE
31679 (C)	31679	Linear Combination	SLS:FRE
31680 (C)	31680	Linear Combination	SLS:FRE
31681 (C)	31681	Linear Combination	SLS:FRE
31682 (C)	31682	Linear Combination	SLS:FRE
31683 (C)	31683	Linear Combination	SLS:FRE
31684 (C)	31684	Linear Combination	SLS:FRE
31685 (C)	31685	Linear Combination	SLS:FRE
31686 (C)	31686	Linear Combination	SLS:FRE
31687 (C)	31687	Linear Combination	SLS:FRE
31688 (C)	31688	Linear Combination	SLS:FRE
31689 (C)	31689	Linear Combination	SLS:FRE
31690 (C)	31690	Linear Combination	SLS:FRE
31691 (C)	31691	Linear Combination	SLS:FRE
31692 (C)	31692	Linear Combination	SLS:FRE
31693 (C)	31693	Linear Combination	SLS:FRE
31694 (C)	31694	Linear Combination	SLS:FRE
31695 (C)	31695	Linear Combination	SLS:FRE
31696 (C)	31696	Linear Combination	SLS:FRE
31697 (C)	31697	Linear Combination	SLS:FRE
31698 (C)	31698	Linear Combination	SLS:FRE
31699 (C)	31699	Linear Combination	SLS:FRE
31700 (C)	31700	Linear Combination	SLS:FRE
31701 (C)	31701	Linear Combination	SLS:FRE
31702 (C)	31702	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31703 (C)	31703	Linear Combination	SLS:FRE
31704 (C)	31704	Linear Combination	SLS:FRE
31705 (C)	31705	Linear Combination	SLS:FRE
31706 (C)	31706	Linear Combination	SLS:FRE
31707 (C)	31707	Linear Combination	SLS:FRE
31708 (C)	31708	Linear Combination	SLS:FRE
31709 (C)	31709	Linear Combination	SLS:FRE
31710 (C)	31710	Linear Combination	SLS:FRE
31711 (C)	31711	Linear Combination	SLS:FRE
31712 (C)	31712	Linear Combination	SLS:FRE
31713 (C)	31713	Linear Combination	SLS:FRE
31714 (C)	31714	Linear Combination	SLS:FRE
31715 (C)	31715	Linear Combination	SLS:FRE
31716 (C)	31716	Linear Combination	SLS:FRE
31717 (C)	31717	Linear Combination	SLS:FRE
31718 (C)	31718	Linear Combination	SLS:FRE
31719 (C)	31719	Linear Combination	SLS:FRE
31720 (C)	31720	Linear Combination	SLS:FRE
31721 (C)	31721	Linear Combination	SLS:FRE
31722 (C)	31722	Linear Combination	SLS:FRE
31723 (C)	31723	Linear Combination	SLS:FRE
31724 (C)	31724	Linear Combination	SLS:FRE
31725 (C)	31725	Linear Combination	SLS:FRE
31726 (C)	31726	Linear Combination	SLS:FRE
31727 (C)	31727	Linear Combination	SLS:FRE
31728 (C)	31728	Linear Combination	SLS:FRE
31729 (C)	31729	Linear Combination	SLS:FRE
31730 (C)	31730	Linear Combination	SLS:FRE
31731 (C)	31731	Linear Combination	SLS:FRE
31732 (C)	31732	Linear Combination	SLS:FRE
31733 (C)	31733	Linear Combination	SLS:FRE
31734 (C)	31734	Linear Combination	SLS:FRE
31735 (C)	31735	Linear Combination	SLS:FRE
31736 (C)	31736	Linear Combination	SLS:FRE
31737 (C)	31737	Linear Combination	SLS:FRE
31738 (C)	31738	Linear Combination	SLS:FRE
31739 (C)	31739	Linear Combination	SLS:FRE
31740 (C)	31740	Linear Combination	SLS:FRE
31741 (C)	31741	Linear Combination	SLS:FRE
31742 (C)	31742	Linear Combination	SLS:FRE
31743 (C)	31743	Linear Combination	SLS:FRE
31744 (C)	31744	Linear Combination	SLS:FRE
31745 (C)	31745	Linear Combination	SLS:FRE
31746 (C)	31746	Linear Combination	SLS:FRE
31747 (C)	31747	Linear Combination	SLS:FRE
31748 (C)	31748	Linear Combination	SLS:FRE
31749 (C)	31749	Linear Combination	SLS:FRE
31750 (C)	31750	Linear Combination	SLS:FRE
31751 (C)	31751	Linear Combination	SLS:FRE
31752 (C)	31752	Linear Combination	SLS:FRE
31753 (C)	31753	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31754 (C)	31754	Linear Combination	SLS:FRE
31755 (C)	31755	Linear Combination	SLS:FRE
31756 (C)	31756	Linear Combination	SLS:FRE
31757 (C)	31757	Linear Combination	SLS:FRE
31758 (C)	31758	Linear Combination	SLS:FRE
31759 (C)	31759	Linear Combination	SLS:FRE
31760 (C)	31760	Linear Combination	SLS:FRE
31761 (C)	31761	Linear Combination	SLS:FRE
31762 (C)	31762	Linear Combination	SLS:FRE
31763 (C)	31763	Linear Combination	SLS:FRE
31764 (C)	31764	Linear Combination	SLS:FRE
31765 (C)	31765	Linear Combination	SLS:FRE
31766 (C)	31766	Linear Combination	SLS:FRE
31767 (C)	31767	Linear Combination	SLS:FRE
31768 (C)	31768	Linear Combination	SLS:FRE
31769 (C)	31769	Linear Combination	SLS:FRE
31770 (C)	31770	Linear Combination	SLS:FRE
31771 (C)	31771	Linear Combination	SLS:FRE
31772 (C)	31772	Linear Combination	SLS:FRE
31773 (C)	31773	Linear Combination	SLS:FRE
31774 (C)	31774	Linear Combination	SLS:FRE
31775 (C)	31775	Linear Combination	SLS:FRE
31776 (C)	31776	Linear Combination	SLS:FRE
31777 (C)	31777	Linear Combination	SLS:FRE
31778 (C)	31778	Linear Combination	SLS:FRE
31779 (C)	31779	Linear Combination	SLS:FRE
31780 (C)	31780	Linear Combination	SLS:FRE
31781 (C)	31781	Linear Combination	SLS:FRE
31782 (C)	31782	Linear Combination	SLS:FRE
31783 (C)	31783	Linear Combination	SLS:FRE
31784 (C)	31784	Linear Combination	SLS:FRE
31785 (C)	31785	Linear Combination	SLS:FRE
31786 (C)	31786	Linear Combination	SLS:FRE
31787 (C)	31787	Linear Combination	SLS:FRE
31788 (C)	31788	Linear Combination	SLS:FRE
31789 (C)	31789	Linear Combination	SLS:FRE
31790 (C)	31790	Linear Combination	SLS:FRE
31791 (C)	31791	Linear Combination	SLS:FRE
31792 (C)	31792	Linear Combination	SLS:FRE
31793 (C)	32001	Linear Combination	SLS:FRE
31794 (C)	32002	Linear Combination	SLS:FRE
31795 (C)	32003	Linear Combination	SLS:FRE
31796 (C)	32004	Linear Combination	SLS:FRE
31797 (C)	32005	Linear Combination	SLS:FRE
31798 (C)	32006	Linear Combination	SLS:FRE
31799 (C)	32007	Linear Combination	SLS:FRE
31800 (C)	32008	Linear Combination	SLS:FRE
31801 (C)	32009	Linear Combination	SLS:FRE
31802 (C)	32010	Linear Combination	SLS:FRE
31803 (C)	32011	Linear Combination	SLS:FRE
31804 (C)	32012	Linear Combination	SLS:FRE

Combinations	Name	Analysis type	Combination type
31805 (C)	32013	Linear Combination	SLS:FRE
31806 (C)	32014	Linear Combination	SLS:FRE
31807 (C)	32015	Linear Combination	SLS:FRE
31808 (C)	32016	Linear Combination	SLS:FRE
31809 (C)	33001	Linear Combination	SLS:FRE
31810 (C)	33002	Linear Combination	SLS:FRE
31811 (C)	33003	Linear Combination	SLS:FRE
31812 (C)	33004	Linear Combination	SLS:FRE
31813 (C)	33005	Linear Combination	SLS:FRE
31814 (C)	33006	Linear Combination	SLS:FRE
31815 (C)	33007	Linear Combination	SLS:FRE
31816 (C)	33008	Linear Combination	SLS:FRE
40001 (C)	40001	Linear Combination	SLS:QPR
40002 (C)	40002	Linear Combination	SLS:QPR
40003 (C)	40003	Linear Combination	SLS:QPR
40004 (C)	40004	Linear Combination	SLS:QPR
40005 (C)	40005	Linear Combination	SLS:QPR
40006 (C)	40006	Linear Combination	SLS:QPR
40007 (C)	40007	Linear Combination	SLS:QPR
40008 (C)	40008	Linear Combination	SLS:QPR
40009 (C)	40009	Linear Combination	SLS:QPR
40010 (C)	40010	Linear Combination	SLS:QPR
40011 (C)	40011	Linear Combination	SLS:QPR
40012 (C)	40012	Linear Combination	SLS:QPR
40013 (C)	40013	Linear Combination	SLS:QPR
40014 (C)	40014	Linear Combination	SLS:QPR
40015 (C)	40015	Linear Combination	SLS:QPR
40016 (C)	40016	Linear Combination	SLS:QPR

Combinations	Case nature	Definition
6101 (C)	temperature	6011*1.00+6021*0.75
6102 (C)	temperature	6011*1.00+6022*0.75
6103 (C)	temperature	6012*1.00+6021*0.75
6104 (C)	temperature	6012*1.00+6022*0.75
6105 (C)	temperature	6011*0.35+6021*1.00
6106 (C)	temperature	6011*0.35+6022*1.00
6107 (C)	temperature	6012*0.35+6021*1.00
6108 (C)	temperature	6012*0.35+6022*1.00
9001 (C)	Structural	(1001+1002+1003+2001+2002+2003+2004)*1.00
9002 (C)	Structural	(1001+1002+1003+2002+2003+2004)*1.00+2001*1.50+3000*1.25
9100	Category F	(9002+4000+5007)*1.35+4100*0.68
9101 (C)	Category F	(9002+4008+5003)*1.35+4108*0.68
9102 (C)	Category F	(9002+4010+5005)*1.35+4110*0.68
9103 (C)	Category F	(9002+4012+5004)*1.35+4112*0.68
9104 (C)	Category F	(9002+4015+5007)*1.35+4115*0.68
10001 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+7001*0.90
10002 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+7002*0.90
10003 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+7003*0.90
10004 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+7004*0.90
10005 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+7001*0.90
10006 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+7002*0.90
10007 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+7003*0.90

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Combinations	Case nature	Definition
10008 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+7004*0.90
10009 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+7001*0.90
10010 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+7002*0.90
10011 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+7003*0.90
10012 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+7004*0.90
10013 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+7001*0.90
10014 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+7002*0.90
10015 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+7003*0.90
10016 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+7004*0.90
10017 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+7001*0.90
10018 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+7002*0.90
10019 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+7003*0.90
10020 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+7004*0.90
10021 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+7001*0.90
10022 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+7002*0.90
10023 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+7003*0.90
10024 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+7004*0.90
10025 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+7001*0.90
10026 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+7002*0.90
10027 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+7003*0.90
10028 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+7004*0.90
10029 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+7001*0.90
10030 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+7002*0.90
10031 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+7003*0.90
10032 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+7004*0.90
10033 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+7001*0.90
10034 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+7002*0.90
10035 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+7003*0.90
10036 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+7004*0.90
10037 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+7001*0.90
10038 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+7002*0.90
10039 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+7003*0.90
10040 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+7004*0.90
10041 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+7001*0.90
10042 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+7002*0.90
10043 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+7003*0.90
10044 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+7004*0.90
10045 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+7001*0.90
10046 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+7002*0.90
10047 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+7003*0.90
10048 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+7004*0.90
10049 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+7001*0.90
10050 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+7002*0.90
10051 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+7003*0.90
10052 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+7004*0.90
10053 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+7001*0.90
10054 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+7002*0.90
10055 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+7003*0.90
10056 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+7004*0.90
10057 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+7001*0.90
10058 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+7002*0.90
10059 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+7003*0.90

Combinations	Case nature	Definition
10060 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+7004*0.90
10061 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+7001*0.90
10062 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+7002*0.90
10063 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+7003*0.90
10064 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+7004*0.90
10065 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+7001*0.90
10066 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+7002*0.90
10067 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+7003*0.90
10068 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+7004*0.90
10069 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+7001*0.90
10070 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+7002*0.90
10071 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+7003*0.90
10072 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+7004*0.90
10073 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+7001*0.90
10074 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+7002*0.90
10075 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+7003*0.90
10076 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+7004*0.90
10077 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+7001*0.90
10078 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+7002*0.90
10079 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+7003*0.90
10080 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+7004*0.90
10081 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+7001*0.90
10082 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+7002*0.90
10083 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+7003*0.90
10084 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+7004*0.90
10085 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+7001*0.90
10086 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+7002*0.90
10087 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+7003*0.90
10088 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+7004*0.90
10089 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+7001*0.90
10090 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+7002*0.90
10091 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+7003*0.90
10092 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+7004*0.90
10093 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+7001*0.90
10094 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+7002*0.90
10095 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+7003*0.90
10096 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+7004*0.90
10097 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+7001*0.90
10098 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+7002*0.90
10099 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+7003*0.90
10100 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+7004*0.90
10101 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+7001*0.90
10102 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+7002*0.90
10103 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+7003*0.90
10104 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+7004*0.90
10105 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+7001*0.90
10106 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+7002*0.90
10107 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+7003*0.90
10108 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+7004*0.90
10109 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+7001*0.90
10110 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+7002*0.90
10111 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+7003*0.90

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Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
10112 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+7004*0.90
10113 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+7001*0.90
10114 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+7002*0.90
10115 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+7003*0.90
10116 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+7004*0.90
10117 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+7001*0.90
10118 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+7002*0.90
10119 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+7003*0.90
10120 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+7004*0.90
10121 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+7001*0.90
10122 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+7002*0.90
10123 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+7003*0.90
10124 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+7004*0.90
10125 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+7001*0.90
10126 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+7002*0.90
10127 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+7003*0.90
10128 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+7004*0.90
10129 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+7001*0.90
10130 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+7002*0.90
10131 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+7003*0.90
10132 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+7004*0.90
10133 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+7001*0.90
10134 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+7002*0.90
10135 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+7003*0.90
10136 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+7004*0.90
10137 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+7001*0.90
10138 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+7002*0.90
10139 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+7003*0.90
10140 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+7004*0.90
10141 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+7001*0.90
10142 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+7002*0.90
10143 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+7003*0.90
10144 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+7004*0.90
10145 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+7001*0.90
10146 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+7002*0.90
10147 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+7003*0.90
10148 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+7004*0.90
10149 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+7001*0.90
10150 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+7002*0.90
10151 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+7003*0.90
10152 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+7004*0.90
10153 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+7001*0.90
10154 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+7002*0.90
10155 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+7003*0.90
10156 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+7004*0.90
10157 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+7001*0.90
10158 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+7002*0.90
10159 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+7003*0.90
10160 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+7004*0.90
10161 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+7001*0.90
10162 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+7002*0.90
10163 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+7003*0.90

Combinations	Case nature	Definition
10164 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+7004*0.90
10165 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+7001*0.90
10166 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+7002*0.90
10167 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+7003*0.90
10168 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+7004*0.90
10169 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+7001*0.90
10170 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+7002*0.90
10171 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+7003*0.90
10172 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+7004*0.90
10173 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+7001*0.90
10174 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+7002*0.90
10175 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+7003*0.90
10176 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+7004*0.90
10177 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+7001*0.90
10178 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+7002*0.90
10179 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+7003*0.90
10180 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+7004*0.90
10181 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+7001*0.90
10182 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+7002*0.90
10183 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+7003*0.90
10184 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+7004*0.90
10185 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+7001*0.90
10186 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+7002*0.90
10187 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+7003*0.90
10188 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+7004*0.90
10189 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+7001*0.90
10190 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+7002*0.90
10191 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+7003*0.90
10192 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+7004*0.90
10193 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+7001*0.90
10194 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+7002*0.90
10195 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+7003*0.90
10196 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+7004*0.90
10197 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+7001*0.90
10198 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+7002*0.90
10199 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+7003*0.90
10200 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+7004*0.90
10201 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+7001*0.90
10202 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+7002*0.90
10203 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+7003*0.90
10204 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+7004*0.90
10205 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+7001*0.90
10206 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+7002*0.90
10207 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+7003*0.90
10208 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+7004*0.90
10209 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+7001*0.90
10210 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+7002*0.90
10211 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+7003*0.90
10212 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+7004*0.90
10213 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+7001*0.90
10214 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+7002*0.90
10215 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+7003*0.90

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Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
10216 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+7004*0.90
10217 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+7001*0.90
10218 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+7002*0.90
10219 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+7003*0.90
10220 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+7004*0.90
10221 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+7001*0.90
10222 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+7002*0.90
10223 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+7003*0.90
10224 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+7004*0.90
10225 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+7001*0.90
10226 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+7002*0.90
10227 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+7003*0.90
10228 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+7004*0.90
10229 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+7001*0.90
10230 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+7002*0.90
10231 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+7003*0.90
10232 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+7004*0.90
10233 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+7001*0.90
10234 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+7002*0.90
10235 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+7003*0.90
10236 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+7004*0.90
10237 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+7001*0.90
10238 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+7002*0.90
10239 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+7003*0.90
10240 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+7004*0.90
10241 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+7001*0.90
10242 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+7002*0.90
10243 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+7003*0.90
10244 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+7004*0.90
10245 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+7001*0.90
10246 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+7002*0.90
10247 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+7003*0.90
10248 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+7004*0.90
10249 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+7001*0.90
10250 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+7002*0.90
10251 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+7003*0.90
10252 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+7004*0.90
10253 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+7001*0.90
10254 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+7002*0.90
10255 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+7003*0.90
10256 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+7004*0.90
10257 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+7001*0.90
10258 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+7002*0.90
10259 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+7003*0.90
10260 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+7004*0.90
10261 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+7001*0.90
10262 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+7002*0.90
10263 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+7003*0.90
10264 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+7004*0.90
10265 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+7001*0.90
10266 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+7002*0.90
10267 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+7003*0.90

Combinations	Case nature	Definition
10268 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+7004*0.90
10269 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+7001*0.90
10270 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+7002*0.90
10271 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+7003*0.90
10272 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+7004*0.90
10273 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+7001*0.90
10274 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+7002*0.90
10275 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+7003*0.90
10276 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+7004*0.90
10277 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+7001*0.90
10278 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+7002*0.90
10279 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+7003*0.90
10280 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+7004*0.90
10281 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+7001*0.90
10282 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+7002*0.90
10283 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+7003*0.90
10284 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+7004*0.90
10285 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+7001*0.90
10286 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+7002*0.90
10287 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+7003*0.90
10288 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+7004*0.90
10289 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+7001*0.90
10290 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+7002*0.90
10291 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+7003*0.90
10292 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+7004*0.90
10293 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+7001*0.90
10294 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+7002*0.90
10295 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+7003*0.90
10296 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+7004*0.90
10297 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+7001*0.90
10298 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+7002*0.90
10299 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+7003*0.90
10300 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+7004*0.90
10301 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+7001*0.90
10302 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+7002*0.90
10303 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+7003*0.90
10304 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+7004*0.90
10305 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+7001*0.90
10306 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+7002*0.90
10307 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+7003*0.90
10308 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+7004*0.90
10309 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+7001*0.90
10310 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+7002*0.90
10311 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+7003*0.90
10312 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+7004*0.90
10313 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+7001*0.90
10314 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+7002*0.90
10315 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+7003*0.90
10316 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+7004*0.90
10317 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+7001*0.90
10318 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+7002*0.90
10319 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+7003*0.90

Combinations	Case nature	Definition
10320 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+7004*0.90
10321 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+7001*0.90
10322 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+7002*0.90
10323 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+7003*0.90
10324 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+7004*0.90
10325 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+7001*0.90
10326 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+7002*0.90
10327 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+7003*0.90
10328 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+7004*0.90
10329 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+7001*0.90
10330 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+7002*0.90
10331 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+7003*0.90
10332 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+7004*0.90
10333 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+7001*0.90
10334 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+7002*0.90
10335 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+7003*0.90
10336 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+7004*0.90
10337 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+7001*0.90
10338 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+7002*0.90
10339 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+7003*0.90
10340 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+7004*0.90
10341 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+7001*0.90
10342 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+7002*0.90
10343 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+7003*0.90
10344 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+7004*0.90
10345 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+7001*0.90
10346 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+7002*0.90
10347 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+7003*0.90
10348 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+7004*0.90
10349 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+7001*0.90
10350 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+7002*0.90
10351 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+7003*0.90
10352 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+7004*0.90
10353 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+7001*0.90
10354 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+7002*0.90
10355 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+7003*0.90
10356 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+7004*0.90
10357 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+7001*0.90
10358 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+7002*0.90
10359 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+7003*0.90
10360 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+7004*0.90
10361 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+7001*0.90
10362 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+7002*0.90
10363 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+7003*0.90
10364 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+7004*0.90
10365 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+7001*0.90
10366 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+7002*0.90
10367 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+7003*0.90
10368 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+7004*0.90
10369 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+7001*0.90
10370 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+7002*0.90
10371 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+7003*0.90

Combinations	Case nature	Definition
10372 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+7004*0.90
10373 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+7001*0.90
10374 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+7002*0.90
10375 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+7003*0.90
10376 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+7004*0.90
10377 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+7001*0.90
10378 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+7002*0.90
10379 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+7003*0.90
10380 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+7004*0.90
10381 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+7001*0.90
10382 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+7002*0.90
10383 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+7003*0.90
10384 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+7004*0.90
10385 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+7001*0.90
10386 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+7002*0.90
10387 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+7003*0.90
10388 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+7004*0.90
10389 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+7001*0.90
10390 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+7002*0.90
10391 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+7003*0.90
10392 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+7004*0.90
10393 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+7001*0.90
10394 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+7002*0.90
10395 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+7003*0.90
10396 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+7004*0.90
10397 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+7001*0.90
10398 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+7002*0.90
10399 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+7003*0.90
10400 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+7004*0.90
10401 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+7001*0.90
10402 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+7002*0.90
10403 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+7003*0.90
10404 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+7004*0.90
10405 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+7001*0.90
10406 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+7002*0.90
10407 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+7003*0.90
10408 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+7004*0.90
10409 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+7001*0.90
10410 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+7002*0.90
10411 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+7003*0.90
10412 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+7004*0.90
10413 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+7001*0.90
10414 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+7002*0.90
10415 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+7003*0.90
10416 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+7004*0.90
10417 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+7001*0.90
10418 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+7002*0.90
10419 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+7003*0.90
10420 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+7004*0.90
10421 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+7001*0.90
10422 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+7002*0.90
10423 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+7003*0.90

Combinations	Case nature	Definition
10424 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+7004*0.90
10425 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+7001*0.90
10426 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+7002*0.90
10427 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+7003*0.90
10428 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+7004*0.90
10429 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+7001*0.90
10430 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+7002*0.90
10431 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+7003*0.90
10432 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+7004*0.90
10433 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+7001*0.90
10434 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+7002*0.90
10435 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+7003*0.90
10436 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+7004*0.90
10437 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+7001*0.90
10438 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+7002*0.90
10439 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+7003*0.90
10440 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+7004*0.90
10441 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+7001*0.90
10442 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+7002*0.90
10443 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+7003*0.90
10444 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+7004*0.90
10445 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+7001*0.90
10446 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+7002*0.90
10447 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+7003*0.90
10448 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+7004*0.90
10449 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+7001*0.90
10450 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+7002*0.90
10451 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+7003*0.90
10452 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+7004*0.90
10453 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+7001*0.90
10454 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+7002*0.90
10455 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+7003*0.90
10456 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+7004*0.90
10457 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+7001*0.90
10458 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+7002*0.90
10459 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+7003*0.90
10460 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+7004*0.90
10461 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+7001*0.90
10462 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+7002*0.90
10463 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+7003*0.90
10464 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+7004*0.90
10465 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+7001*0.90
10466 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+7002*0.90
10467 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+7003*0.90
10468 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+7004*0.90
10469 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+7001*0.90
10470 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+7002*0.90
10471 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+7003*0.90
10472 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+7004*0.90
10473 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+7001*0.90
10474 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+7002*0.90
10475 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+7003*0.90

Combinations	Case nature	Definition
10476 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+7004*0.90
10477 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+7001*0.90
10478 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+7002*0.90
10479 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+7003*0.90
10480 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+7004*0.90
10481 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+7001*0.90
10482 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+7002*0.90
10483 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+7003*0.90
10484 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+7004*0.90
10485 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+7001*0.90
10486 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+7002*0.90
10487 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+7003*0.90
10488 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+7004*0.90
10489 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+7001*0.90
10490 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+7002*0.90
10491 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+7003*0.90
10492 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+7004*0.90
10493 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+7001*0.90
10494 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+7002*0.90
10495 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+7003*0.90
10496 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+7004*0.90
10497 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+7001*0.90
10498 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+7002*0.90
10499 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+7003*0.90
10500 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+7004*0.90
10501 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+7001*0.90
10502 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+7002*0.90
10503 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+7003*0.90
10504 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+7004*0.90
10505 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+7001*0.90
10506 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+7002*0.90
10507 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+7003*0.90
10508 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+7004*0.90
10509 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+7001*0.90
10510 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+7002*0.90
10511 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+7003*0.90
10512 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+7004*0.90
10513 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+7001*0.90
10514 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+7002*0.90
10515 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+7003*0.90
10516 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+7004*0.90
10517 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+7001*0.90
10518 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+7002*0.90
10519 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+7003*0.90
10520 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+7004*0.90
10521 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+7001*0.90
10522 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+7002*0.90
10523 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+7003*0.90
10524 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+7004*0.90
10525 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+7001*0.90
10526 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+7002*0.90
10527 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+7003*0.90

Combinations	Case nature	Definition
10528 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+7004*0.90
10529 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+7001*0.90
10530 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+7002*0.90
10531 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+7003*0.90
10532 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+7004*0.90
10533 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+7001*0.90
10534 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+7002*0.90
10535 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+7003*0.90
10536 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+7004*0.90
10537 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+7001*0.90
10538 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+7002*0.90
10539 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+7003*0.90
10540 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+7004*0.90
10541 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+7001*0.90
10542 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+7002*0.90
10543 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+7003*0.90
10544 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+7004*0.90
10545 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+7001*0.90
10546 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+7002*0.90
10547 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+7003*0.90
10548 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+7004*0.90
10549 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+7001*0.90
10550 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+7002*0.90
10551 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+7003*0.90
10552 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+7004*0.90
10553 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+7001*0.90
10554 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+7002*0.90
10555 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+7003*0.90
10556 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+7004*0.90
10557 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+7001*0.90
10558 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+7002*0.90
10559 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+7003*0.90
10560 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+7004*0.90
10561 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+7001*0.90
10562 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+7002*0.90
10563 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+7003*0.90
10564 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+7004*0.90
10565 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+7001*0.90
10566 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+7002*0.90
10567 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+7003*0.90
10568 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+7004*0.90
10569 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+7001*0.90
10570 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+7002*0.90
10571 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+7003*0.90
10572 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+7004*0.90
10573 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+7001*0.90
10574 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+7002*0.90
10575 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+7003*0.90
10576 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+7004*0.90
10577 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+7001*0.90
10578 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+7002*0.90
10579 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+7003*0.90

Combinations	Case nature	Definition
10580 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+7004*0.90
10581 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+7001*0.90
10582 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+7002*0.90
10583 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+7003*0.90
10584 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+7004*0.90
10585 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+7001*0.90
10586 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+7002*0.90
10587 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+7003*0.90
10588 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+7004*0.90
10589 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+7001*0.90
10590 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+7002*0.90
10591 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+7003*0.90
10592 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+7004*0.90
10593 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+7001*0.90
10594 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+7002*0.90
10595 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+7003*0.90
10596 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+7004*0.90
10597 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+7001*0.90
10598 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+7002*0.90
10599 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+7003*0.90
10600 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+7004*0.90
10601 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+7001*0.90
10602 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+7002*0.90
10603 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+7003*0.90
10604 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+7004*0.90
10605 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+7001*0.90
10606 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+7002*0.90
10607 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+7003*0.90
10608 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+7004*0.90
10609 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+7001*0.90
10610 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+7002*0.90
10611 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+7003*0.90
10612 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+7004*0.90
10613 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+7001*0.90
10614 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+7002*0.90
10615 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+7003*0.90
10616 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+7004*0.90
10617 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+7001*0.90
10618 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+7002*0.90
10619 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+7003*0.90
10620 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+7004*0.90
10621 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+7001*0.90
10622 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+7002*0.90
10623 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+7003*0.90
10624 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+7004*0.90
10625 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+7001*0.90
10626 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+7002*0.90
10627 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+7003*0.90
10628 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+7004*0.90
10629 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+7001*0.90
10630 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+7002*0.90
10631 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+7003*0.90

Combinations	Case nature	Definition
10632 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+7004*0.90
10633 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+7001*0.90
10634 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+7002*0.90
10635 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+7003*0.90
10636 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+7004*0.90
10637 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+7001*0.90
10638 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+7002*0.90
10639 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+7003*0.90
10640 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+7004*0.90
10641 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+7001*0.90
10642 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+7002*0.90
10643 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+7003*0.90
10644 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+7004*0.90
10645 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+7001*0.90
10646 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+7002*0.90
10647 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+7003*0.90
10648 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+7004*0.90
10649 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+7001*0.90
10650 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+7002*0.90
10651 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+7003*0.90
10652 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+7004*0.90
10653 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+7001*0.90
10654 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+7002*0.90
10655 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+7003*0.90
10656 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+7004*0.90
10657 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+7001*0.90
10658 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+7002*0.90
10659 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+7003*0.90
10660 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+7004*0.90
10661 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+7001*0.90
10662 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+7002*0.90
10663 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+7003*0.90
10664 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+7004*0.90
10665 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+7001*0.90
10666 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+7002*0.90
10667 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+7003*0.90
10668 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+7004*0.90
10669 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+7001*0.90
10670 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+7002*0.90
10671 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+7003*0.90
10672 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+7004*0.90
10673 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+7001*0.90
10674 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+7002*0.90
10675 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+7003*0.90
10676 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+7004*0.90
10677 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+7001*0.90
10678 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+7002*0.90
10679 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+7003*0.90
10680 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+7004*0.90
10681 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+7001*0.90
10682 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+7002*0.90
10683 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+7003*0.90

Combinations	Case nature	Definition
10684 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+7004*0.90
10685 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+7001*0.90
10686 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+7002*0.90
10687 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+7003*0.90
10688 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+7004*0.90
10689 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+7001*0.90
10690 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+7002*0.90
10691 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+7003*0.90
10692 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+7004*0.90
10693 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+7001*0.90
10694 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+7002*0.90
10695 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+7003*0.90
10696 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+7004*0.90
10697 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+7001*0.90
10698 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+7002*0.90
10699 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+7003*0.90
10700 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+7004*0.90
10701 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+7001*0.90
10702 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+7002*0.90
10703 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+7003*0.90
10704 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+7004*0.90
10705 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+7001*0.90
10706 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+7002*0.90
10707 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+7003*0.90
10708 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+7004*0.90
10709 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+7001*0.90
10710 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+7002*0.90
10711 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+7003*0.90
10712 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+7004*0.90
10713 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+7001*0.90
10714 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+7002*0.90
10715 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+7003*0.90
10716 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+7004*0.90
10717 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+7001*0.90
10718 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+7002*0.90
10719 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+7003*0.90
10720 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+7004*0.90
10721 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+7001*0.90
10722 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+7002*0.90
10723 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+7003*0.90
10724 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+7004*0.90
10725 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+7001*0.90
10726 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+7002*0.90
10727 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+7003*0.90
10728 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+7004*0.90
10729 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+7001*0.90
10730 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+7002*0.90
10731 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+7003*0.90
10732 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+7004*0.90
10733 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+7001*0.90
10734 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+7002*0.90
10735 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+7003*0.90

Combinations	Case nature	Definition
10736 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+7004*0.90
10737 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+7001*0.90
10738 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+7002*0.90
10739 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+7003*0.90
10740 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+7004*0.90
10741 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+7001*0.90
10742 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+7002*0.90
10743 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+7003*0.90
10744 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+7004*0.90
10745 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+7001*0.90
10746 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+7002*0.90
10747 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+7003*0.90
10748 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+7004*0.90
10749 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+7001*0.90
10750 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+7002*0.90
10751 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+7003*0.90
10752 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+7004*0.90
10753 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+7001*0.90
10754 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+7002*0.90
10755 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+7003*0.90
10756 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+7004*0.90
10757 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+7001*0.90
10758 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+7002*0.90
10759 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+7003*0.90
10760 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+7004*0.90
10761 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+7001*0.90
10762 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+7002*0.90
10763 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+7003*0.90
10764 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+7004*0.90
10765 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+7001*0.90
10766 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+7002*0.90
10767 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+7003*0.90
10768 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+7004*0.90
10769 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+7001*0.90
10770 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+7002*0.90
10771 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+7003*0.90
10772 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+7004*0.90
10773 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+7001*0.90
10774 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+7002*0.90
10775 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+7003*0.90
10776 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+7004*0.90
10777 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+7001*0.90
10778 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+7002*0.90
10779 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+7003*0.90
10780 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+7004*0.90
10781 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+7001*0.90
10782 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+7002*0.90
10783 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+7003*0.90
10784 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+7004*0.90
10785 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+7001*0.90
10786 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+7002*0.90
10787 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+7003*0.90

Combinations	Case nature	Definition
10788 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+7004*0.90
10789 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+7001*0.90
10790 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+7002*0.90
10791 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+7003*0.90
10792 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+7004*0.90
10793 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+7001*0.90
10794 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+7002*0.90
10795 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+7003*0.90
10796 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+7004*0.90
10797 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+7001*0.90
10798 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+7002*0.90
10799 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+7003*0.90
10800 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+7004*0.90
10801 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+7001*0.90
10802 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+7002*0.90
10803 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+7003*0.90
10804 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+7004*0.90
10805 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+7001*0.90
10806 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+7002*0.90
10807 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+7003*0.90
10808 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+7004*0.90
10809 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+7001*0.90
10810 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+7002*0.90
10811 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+7003*0.90
10812 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+7004*0.90
10813 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+7001*0.90
10814 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+7002*0.90
10815 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+7003*0.90
10816 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+7004*0.90
10817 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+7001*0.90
10818 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+7002*0.90
10819 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+7003*0.90
10820 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+7004*0.90
10821 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+7001*0.90
10822 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+7002*0.90
10823 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+7003*0.90
10824 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+7004*0.90
10825 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+7001*0.90
10826 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+7002*0.90
10827 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+7003*0.90
10828 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+7004*0.90
10829 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+7001*0.90
10830 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+7002*0.90
10831 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+7003*0.90
10832 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+7004*0.90
10833 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+7001*0.90
10834 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+7002*0.90
10835 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+7003*0.90
10836 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+7004*0.90
10837 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+7001*0.90
10838 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+7002*0.90
10839 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+7003*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
10840 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+7004*0.90
10841 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+7001*0.90
10842 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+7002*0.90
10843 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+7003*0.90
10844 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+7004*0.90
10845 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+7001*0.90
10846 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+7002*0.90
10847 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+7003*0.90
10848 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+7004*0.90
10849 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+7001*0.90
10850 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+7002*0.90
10851 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+7003*0.90
10852 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+7004*0.90
10853 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+7001*0.90
10854 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+7002*0.90
10855 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+7003*0.90
10856 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+7004*0.90
10857 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+7001*0.90
10858 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+7002*0.90
10859 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+7003*0.90
10860 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+7004*0.90
10861 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+7001*0.90
10862 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+7002*0.90
10863 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+7003*0.90
10864 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+7004*0.90
10865 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+7001*0.90
10866 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+7002*0.90
10867 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+7003*0.90
10868 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+7004*0.90
10869 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+7001*0.90
10870 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+7002*0.90
10871 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+7003*0.90
10872 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+7004*0.90
10873 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+7001*0.90
10874 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+7002*0.90
10875 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+7003*0.90
10876 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+7004*0.90
10877 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+7001*0.90
10878 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+7002*0.90
10879 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+7003*0.90
10880 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+7004*0.90
10881 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+7001*0.90
10882 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+7002*0.90
10883 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+7003*0.90
10884 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+7004*0.90
10885 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+7001*0.90
10886 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+7002*0.90
10887 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+7003*0.90
10888 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+7004*0.90
10889 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+7001*0.90
10890 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+7002*0.90
10891 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+7003*0.90

Combinations	Case nature	Definition
10892 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+7004*0.90
10893 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+7001*0.90
10894 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+7002*0.90
10895 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+7003*0.90
10896 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+7004*0.90
10897 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+6101*0.90
10898 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+6102*0.90
10899 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+6103*0.90
10900 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+6104*0.90
10901 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+6105*0.90
10902 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+6106*0.90
10903 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+6107*0.90
10904 (C)	Structural	9001*1.00+(4000+5001)*1.35+4100*0.68+6108*0.90
10905 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+6101*0.90
10906 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+6102*0.90
10907 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+6103*0.90
10908 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+6104*0.90
10909 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+6105*0.90
10910 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+6106*0.90
10911 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+6107*0.90
10912 (C)	Structural	9001*1.00+(4000+5002)*1.35+4100*0.68+6108*0.90
10913 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+6101*0.90
10914 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+6102*0.90
10915 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+6103*0.90
10916 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+6104*0.90
10917 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+6105*0.90
10918 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+6106*0.90
10919 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+6107*0.90
10920 (C)	Structural	9001*1.00+(4000+5003)*1.35+4100*0.68+6108*0.90
10921 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+6101*0.90
10922 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+6102*0.90
10923 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+6103*0.90
10924 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+6104*0.90
10925 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+6105*0.90
10926 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+6106*0.90
10927 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+6107*0.90
10928 (C)	Structural	9001*1.00+(4000+5004)*1.35+4100*0.68+6108*0.90
10929 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+6101*0.90
10930 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+6102*0.90
10931 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+6103*0.90
10932 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+6104*0.90
10933 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+6105*0.90
10934 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+6106*0.90
10935 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+6107*0.90
10936 (C)	Structural	9001*1.00+(4000+5005)*1.35+4100*0.68+6108*0.90
10937 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+6101*0.90
10938 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+6102*0.90
10939 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+6103*0.90
10940 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+6104*0.90
10941 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+6105*0.90
10942 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+6106*0.90
10943 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
10944 (C)	Structural	9001*1.00+(4000+5006)*1.35+4100*0.68+6108*0.90
10945 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+6101*0.90
10946 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+6102*0.90
10947 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+6103*0.90
10948 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+6104*0.90
10949 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+6105*0.90
10950 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+6106*0.90
10951 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+6107*0.90
10952 (C)	Structural	9001*1.00+(4000+5007)*1.35+4100*0.68+6108*0.90
10953 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+6101*0.90
10954 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+6102*0.90
10955 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+6103*0.90
10956 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+6104*0.90
10957 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+6105*0.90
10958 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+6106*0.90
10959 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+6107*0.90
10960 (C)	Structural	9001*1.00+(4001+5001)*1.35+4101*0.68+6108*0.90
10961 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+6101*0.90
10962 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+6102*0.90
10963 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+6103*0.90
10964 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+6104*0.90
10965 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+6105*0.90
10966 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+6106*0.90
10967 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+6107*0.90
10968 (C)	Structural	9001*1.00+(4001+5002)*1.35+4101*0.68+6108*0.90
10969 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+6101*0.90
10970 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+6102*0.90
10971 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+6103*0.90
10972 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+6104*0.90
10973 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+6105*0.90
10974 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+6106*0.90
10975 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+6107*0.90
10976 (C)	Structural	9001*1.00+(4001+5003)*1.35+4101*0.68+6108*0.90
10977 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+6101*0.90
10978 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+6102*0.90
10979 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+6103*0.90
10980 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+6104*0.90
10981 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+6105*0.90
10982 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+6106*0.90
10983 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+6107*0.90
10984 (C)	Structural	9001*1.00+(4001+5004)*1.35+4101*0.68+6108*0.90
10985 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+6101*0.90
10986 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+6102*0.90
10987 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+6103*0.90
10988 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+6104*0.90
10989 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+6105*0.90
10990 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+6106*0.90
10991 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+6107*0.90
10992 (C)	Structural	9001*1.00+(4001+5005)*1.35+4101*0.68+6108*0.90
10993 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+6101*0.90
10994 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+6102*0.90
10995 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+6103*0.90

Combinations	Case nature	Definition
10996 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+6104*0.90
10997 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+6105*0.90
10998 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+6106*0.90
10999 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+6107*0.90
11000 (C)	Structural	9001*1.00+(4001+5006)*1.35+4101*0.68+6108*0.90
11001 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+6101*0.90
11002 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+6102*0.90
11003 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+6103*0.90
11004 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+6104*0.90
11005 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+6105*0.90
11006 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+6106*0.90
11007 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+6107*0.90
11008 (C)	Structural	9001*1.00+(4001+5007)*1.35+4101*0.68+6108*0.90
11009 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+6101*0.90
11010 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+6102*0.90
11011 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+6103*0.90
11012 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+6104*0.90
11013 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+6105*0.90
11014 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+6106*0.90
11015 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+6107*0.90
11016 (C)	Structural	9001*1.00+(4002+5001)*1.35+4102*0.68+6108*0.90
11017 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+6101*0.90
11018 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+6102*0.90
11019 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+6103*0.90
11020 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+6104*0.90
11021 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+6105*0.90
11022 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+6106*0.90
11023 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+6107*0.90
11024 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68+6108*0.90
11025 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+6101*0.90
11026 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+6102*0.90
11027 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+6103*0.90
11028 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+6104*0.90
11029 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+6105*0.90
11030 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+6106*0.90
11031 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+6107*0.90
11032 (C)	Structural	9001*1.00+(4002+5003)*1.35+4102*0.68+6108*0.90
11033 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+6101*0.90
11034 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+6102*0.90
11035 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+6103*0.90
11036 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+6104*0.90
11037 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+6105*0.90
11038 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+6106*0.90
11039 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+6107*0.90
11040 (C)	Structural	9001*1.00+(4002+5004)*1.35+4102*0.68+6108*0.90
11041 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+6101*0.90
11042 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+6102*0.90
11043 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+6103*0.90
11044 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+6104*0.90
11045 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+6105*0.90
11046 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+6106*0.90
11047 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+6107*0.90

Combinations	Case nature	Definition
11048 (C)	Structural	9001*1.00+(4002+5005)*1.35+4102*0.68+6108*0.90
11049 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+6101*0.90
11050 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+6102*0.90
11051 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+6103*0.90
11052 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+6104*0.90
11053 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+6105*0.90
11054 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+6106*0.90
11055 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+6107*0.90
11056 (C)	Structural	9001*1.00+(4002+5006)*1.35+4102*0.68+6108*0.90
11057 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+6101*0.90
11058 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+6102*0.90
11059 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+6103*0.90
11060 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+6104*0.90
11061 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+6105*0.90
11062 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+6106*0.90
11063 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+6107*0.90
11064 (C)	Structural	9001*1.00+(4002+5007)*1.35+4102*0.68+6108*0.90
11065 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+6101*0.90
11066 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+6102*0.90
11067 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+6103*0.90
11068 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+6104*0.90
11069 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+6105*0.90
11070 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+6106*0.90
11071 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+6107*0.90
11072 (C)	Structural	9001*1.00+(4003+5001)*1.35+4103*0.68+6108*0.90
11073 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+6101*0.90
11074 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+6102*0.90
11075 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+6103*0.90
11076 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+6104*0.90
11077 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+6105*0.90
11078 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+6106*0.90
11079 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+6107*0.90
11080 (C)	Structural	9001*1.00+(4003+5002)*1.35+4103*0.68+6108*0.90
11081 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+6101*0.90
11082 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+6102*0.90
11083 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+6103*0.90
11084 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+6104*0.90
11085 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+6105*0.90
11086 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+6106*0.90
11087 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+6107*0.90
11088 (C)	Structural	9001*1.00+(4003+5003)*1.35+4103*0.68+6108*0.90
11089 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+6101*0.90
11090 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+6102*0.90
11091 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+6103*0.90
11092 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+6104*0.90
11093 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+6105*0.90
11094 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+6106*0.90
11095 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+6107*0.90
11096 (C)	Structural	9001*1.00+(4003+5004)*1.35+4103*0.68+6108*0.90
11097 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+6101*0.90
11098 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+6102*0.90
11099 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+6103*0.90

Combinations	Case nature	Definition
11100 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+6104*0.90
11101 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+6105*0.90
11102 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+6106*0.90
11103 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+6107*0.90
11104 (C)	Structural	9001*1.00+(4003+5005)*1.35+4103*0.68+6108*0.90
11105 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+6101*0.90
11106 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+6102*0.90
11107 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+6103*0.90
11108 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+6104*0.90
11109 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+6105*0.90
11110 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+6106*0.90
11111 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+6107*0.90
11112 (C)	Structural	9001*1.00+(4003+5006)*1.35+4103*0.68+6108*0.90
11113 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+6101*0.90
11114 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+6102*0.90
11115 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+6103*0.90
11116 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+6104*0.90
11117 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+6105*0.90
11118 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+6106*0.90
11119 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+6107*0.90
11120 (C)	Structural	9001*1.00+(4003+5007)*1.35+4103*0.68+6108*0.90
11121 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+6101*0.90
11122 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+6102*0.90
11123 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+6103*0.90
11124 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+6104*0.90
11125 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+6105*0.90
11126 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+6106*0.90
11127 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+6107*0.90
11128 (C)	Structural	9001*1.00+(4004+5001)*1.35+4104*0.68+6108*0.90
11129 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+6101*0.90
11130 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+6102*0.90
11131 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+6103*0.90
11132 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+6104*0.90
11133 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+6105*0.90
11134 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+6106*0.90
11135 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+6107*0.90
11136 (C)	Structural	9001*1.00+(4004+5002)*1.35+4104*0.68+6108*0.90
11137 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+6101*0.90
11138 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+6102*0.90
11139 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+6103*0.90
11140 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+6104*0.90
11141 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+6105*0.90
11142 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+6106*0.90
11143 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+6107*0.90
11144 (C)	Structural	9001*1.00+(4004+5003)*1.35+4104*0.68+6108*0.90
11145 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+6101*0.90
11146 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+6102*0.90
11147 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+6103*0.90
11148 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+6104*0.90
11149 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+6105*0.90
11150 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+6106*0.90
11151 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+6107*0.90

Combinations	Case nature	Definition
11152 (C)	Structural	9001*1.00+(4004+5004)*1.35+4104*0.68+6108*0.90
11153 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+6101*0.90
11154 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+6102*0.90
11155 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+6103*0.90
11156 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+6104*0.90
11157 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+6105*0.90
11158 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+6106*0.90
11159 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+6107*0.90
11160 (C)	Structural	9001*1.00+(4004+5005)*1.35+4104*0.68+6108*0.90
11161 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+6101*0.90
11162 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+6102*0.90
11163 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+6103*0.90
11164 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+6104*0.90
11165 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+6105*0.90
11166 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+6106*0.90
11167 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+6107*0.90
11168 (C)	Structural	9001*1.00+(4004+5006)*1.35+4104*0.68+6108*0.90
11169 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+6101*0.90
11170 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+6102*0.90
11171 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+6103*0.90
11172 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+6104*0.90
11173 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+6105*0.90
11174 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+6106*0.90
11175 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+6107*0.90
11176 (C)	Structural	9001*1.00+(4004+5007)*1.35+4104*0.68+6108*0.90
11177 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+6101*0.90
11178 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+6102*0.90
11179 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+6103*0.90
11180 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+6104*0.90
11181 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+6105*0.90
11182 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+6106*0.90
11183 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+6107*0.90
11184 (C)	Structural	9001*1.00+(4005+5001)*1.35+4105*0.68+6108*0.90
11185 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+6101*0.90
11186 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+6102*0.90
11187 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+6103*0.90
11188 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+6104*0.90
11189 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+6105*0.90
11190 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+6106*0.90
11191 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+6107*0.90
11192 (C)	Structural	9001*1.00+(4005+5002)*1.35+4105*0.68+6108*0.90
11193 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+6101*0.90
11194 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+6102*0.90
11195 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+6103*0.90
11196 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+6104*0.90
11197 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+6105*0.90
11198 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+6106*0.90
11199 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+6107*0.90
11200 (C)	Structural	9001*1.00+(4005+5003)*1.35+4105*0.68+6108*0.90
11201 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+6101*0.90
11202 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+6102*0.90
11203 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+6103*0.90

Combinations	Case nature	Definition
11204 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+6104*0.90
11205 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+6105*0.90
11206 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+6106*0.90
11207 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+6107*0.90
11208 (C)	Structural	9001*1.00+(4005+5004)*1.35+4105*0.68+6108*0.90
11209 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+6101*0.90
11210 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+6102*0.90
11211 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+6103*0.90
11212 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+6104*0.90
11213 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+6105*0.90
11214 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+6106*0.90
11215 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+6107*0.90
11216 (C)	Structural	9001*1.00+(4005+5005)*1.35+4105*0.68+6108*0.90
11217 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+6101*0.90
11218 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+6102*0.90
11219 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+6103*0.90
11220 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+6104*0.90
11221 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+6105*0.90
11222 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+6106*0.90
11223 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+6107*0.90
11224 (C)	Structural	9001*1.00+(4005+5006)*1.35+4105*0.68+6108*0.90
11225 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+6101*0.90
11226 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+6102*0.90
11227 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+6103*0.90
11228 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+6104*0.90
11229 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+6105*0.90
11230 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+6106*0.90
11231 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+6107*0.90
11232 (C)	Structural	9001*1.00+(4005+5007)*1.35+4105*0.68+6108*0.90
11233 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+6101*0.90
11234 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+6102*0.90
11235 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+6103*0.90
11236 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+6104*0.90
11237 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+6105*0.90
11238 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+6106*0.90
11239 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+6107*0.90
11240 (C)	Structural	9001*1.00+(4006+5001)*1.35+4106*0.68+6108*0.90
11241 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+6101*0.90
11242 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+6102*0.90
11243 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+6103*0.90
11244 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+6104*0.90
11245 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+6105*0.90
11246 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+6106*0.90
11247 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+6107*0.90
11248 (C)	Structural	9001*1.00+(4006+5002)*1.35+4106*0.68+6108*0.90
11249 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+6101*0.90
11250 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+6102*0.90
11251 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+6103*0.90
11252 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+6104*0.90
11253 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+6105*0.90
11254 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+6106*0.90
11255 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+6107*0.90

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Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
11256 (C)	Structural	9001*1.00+(4006+5003)*1.35+4106*0.68+6108*0.90
11257 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+6101*0.90
11258 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+6102*0.90
11259 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+6103*0.90
11260 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+6104*0.90
11261 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+6105*0.90
11262 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+6106*0.90
11263 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+6107*0.90
11264 (C)	Structural	9001*1.00+(4006+5004)*1.35+4106*0.68+6108*0.90
11265 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+6101*0.90
11266 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+6102*0.90
11267 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+6103*0.90
11268 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+6104*0.90
11269 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+6105*0.90
11270 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+6106*0.90
11271 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+6107*0.90
11272 (C)	Structural	9001*1.00+(4006+5005)*1.35+4106*0.68+6108*0.90
11273 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+6101*0.90
11274 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+6102*0.90
11275 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+6103*0.90
11276 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+6104*0.90
11277 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+6105*0.90
11278 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+6106*0.90
11279 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+6107*0.90
11280 (C)	Structural	9001*1.00+(4006+5006)*1.35+4106*0.68+6108*0.90
11281 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+6101*0.90
11282 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+6102*0.90
11283 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+6103*0.90
11284 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+6104*0.90
11285 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+6105*0.90
11286 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+6106*0.90
11287 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+6107*0.90
11288 (C)	Structural	9001*1.00+(4006+5007)*1.35+4106*0.68+6108*0.90
11289 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+6101*0.90
11290 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+6102*0.90
11291 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+6103*0.90
11292 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+6104*0.90
11293 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+6105*0.90
11294 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+6106*0.90
11295 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+6107*0.90
11296 (C)	Structural	9001*1.00+(4007+5001)*1.35+4107*0.68+6108*0.90
11297 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+6101*0.90
11298 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+6102*0.90
11299 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+6103*0.90
11300 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+6104*0.90
11301 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+6105*0.90
11302 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+6106*0.90
11303 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+6107*0.90
11304 (C)	Structural	9001*1.00+(4007+5002)*1.35+4107*0.68+6108*0.90
11305 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+6101*0.90
11306 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+6102*0.90
11307 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+6103*0.90

Combinations	Case nature	Definition
11308 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+6104*0.90
11309 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+6105*0.90
11310 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+6106*0.90
11311 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+6107*0.90
11312 (C)	Structural	9001*1.00+(4007+5003)*1.35+4107*0.68+6108*0.90
11313 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+6101*0.90
11314 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+6102*0.90
11315 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+6103*0.90
11316 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+6104*0.90
11317 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+6105*0.90
11318 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+6106*0.90
11319 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+6107*0.90
11320 (C)	Structural	9001*1.00+(4007+5004)*1.35+4107*0.68+6108*0.90
11321 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+6101*0.90
11322 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+6102*0.90
11323 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+6103*0.90
11324 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+6104*0.90
11325 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+6105*0.90
11326 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+6106*0.90
11327 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+6107*0.90
11328 (C)	Structural	9001*1.00+(4007+5005)*1.35+4107*0.68+6108*0.90
11329 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+6101*0.90
11330 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+6102*0.90
11331 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+6103*0.90
11332 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+6104*0.90
11333 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+6105*0.90
11334 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+6106*0.90
11335 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+6107*0.90
11336 (C)	Structural	9001*1.00+(4007+5006)*1.35+4107*0.68+6108*0.90
11337 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+6101*0.90
11338 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+6102*0.90
11339 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+6103*0.90
11340 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+6104*0.90
11341 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+6105*0.90
11342 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+6106*0.90
11343 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+6107*0.90
11344 (C)	Structural	9001*1.00+(4007+5007)*1.35+4107*0.68+6108*0.90
11345 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+6101*0.90
11346 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+6102*0.90
11347 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+6103*0.90
11348 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+6104*0.90
11349 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+6105*0.90
11350 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+6106*0.90
11351 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+6107*0.90
11352 (C)	Structural	9001*1.00+(4008+5001)*1.35+4108*0.68+6108*0.90
11353 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+6101*0.90
11354 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+6102*0.90
11355 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+6103*0.90
11356 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+6104*0.90
11357 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+6105*0.90
11358 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+6106*0.90
11359 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
11360 (C)	Structural	9001*1.00+(4008+5002)*1.35+4108*0.68+6108*0.90
11361 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+6101*0.90
11362 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+6102*0.90
11363 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+6103*0.90
11364 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+6104*0.90
11365 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+6105*0.90
11366 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+6106*0.90
11367 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+6107*0.90
11368 (C)	Structural	9001*1.00+(4008+5003)*1.35+4108*0.68+6108*0.90
11369 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+6101*0.90
11370 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+6102*0.90
11371 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+6103*0.90
11372 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+6104*0.90
11373 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+6105*0.90
11374 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+6106*0.90
11375 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+6107*0.90
11376 (C)	Structural	9001*1.00+(4008+5004)*1.35+4108*0.68+6108*0.90
11377 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+6101*0.90
11378 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+6102*0.90
11379 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+6103*0.90
11380 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+6104*0.90
11381 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+6105*0.90
11382 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+6106*0.90
11383 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+6107*0.90
11384 (C)	Structural	9001*1.00+(4008+5005)*1.35+4108*0.68+6108*0.90
11385 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+6101*0.90
11386 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+6102*0.90
11387 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+6103*0.90
11388 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+6104*0.90
11389 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+6105*0.90
11390 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+6106*0.90
11391 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+6107*0.90
11392 (C)	Structural	9001*1.00+(4008+5006)*1.35+4108*0.68+6108*0.90
11393 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+6101*0.90
11394 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+6102*0.90
11395 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+6103*0.90
11396 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+6104*0.90
11397 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+6105*0.90
11398 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+6106*0.90
11399 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+6107*0.90
11400 (C)	Structural	9001*1.00+(4008+5007)*1.35+4108*0.68+6108*0.90
11401 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+6101*0.90
11402 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+6102*0.90
11403 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+6103*0.90
11404 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+6104*0.90
11405 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+6105*0.90
11406 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+6106*0.90
11407 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+6107*0.90
11408 (C)	Structural	9001*1.00+(4009+5001)*1.35+4109*0.68+6108*0.90
11409 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+6101*0.90
11410 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+6102*0.90
11411 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+6103*0.90

Combinations	Case nature	Definition
11412 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+6104*0.90
11413 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+6105*0.90
11414 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+6106*0.90
11415 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+6107*0.90
11416 (C)	Structural	9001*1.00+(4009+5002)*1.35+4109*0.68+6108*0.90
11417 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+6101*0.90
11418 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+6102*0.90
11419 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+6103*0.90
11420 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+6104*0.90
11421 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+6105*0.90
11422 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+6106*0.90
11423 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+6107*0.90
11424 (C)	Structural	9001*1.00+(4009+5003)*1.35+4109*0.68+6108*0.90
11425 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+6101*0.90
11426 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+6102*0.90
11427 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+6103*0.90
11428 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+6104*0.90
11429 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+6105*0.90
11430 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+6106*0.90
11431 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+6107*0.90
11432 (C)	Structural	9001*1.00+(4009+5004)*1.35+4109*0.68+6108*0.90
11433 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+6101*0.90
11434 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+6102*0.90
11435 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+6103*0.90
11436 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+6104*0.90
11437 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+6105*0.90
11438 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+6106*0.90
11439 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+6107*0.90
11440 (C)	Structural	9001*1.00+(4009+5005)*1.35+4109*0.68+6108*0.90
11441 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+6101*0.90
11442 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+6102*0.90
11443 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+6103*0.90
11444 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+6104*0.90
11445 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+6105*0.90
11446 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+6106*0.90
11447 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+6107*0.90
11448 (C)	Structural	9001*1.00+(4009+5006)*1.35+4109*0.68+6108*0.90
11449 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+6101*0.90
11450 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+6102*0.90
11451 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+6103*0.90
11452 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+6104*0.90
11453 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+6105*0.90
11454 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+6106*0.90
11455 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+6107*0.90
11456 (C)	Structural	9001*1.00+(4009+5007)*1.35+4109*0.68+6108*0.90
11457 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+6101*0.90
11458 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+6102*0.90
11459 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+6103*0.90
11460 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+6104*0.90
11461 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+6105*0.90
11462 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+6106*0.90
11463 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+6107*0.90

Combinations	Case nature	Definition
11464 (C)	Structural	9001*1.00+(4010+5001)*1.35+4110*0.68+6108*0.90
11465 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+6101*0.90
11466 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+6102*0.90
11467 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+6103*0.90
11468 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+6104*0.90
11469 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+6105*0.90
11470 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+6106*0.90
11471 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+6107*0.90
11472 (C)	Structural	9001*1.00+(4010+5002)*1.35+4110*0.68+6108*0.90
11473 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+6101*0.90
11474 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+6102*0.90
11475 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+6103*0.90
11476 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+6104*0.90
11477 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+6105*0.90
11478 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+6106*0.90
11479 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+6107*0.90
11480 (C)	Structural	9001*1.00+(4010+5003)*1.35+4110*0.68+6108*0.90
11481 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+6101*0.90
11482 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+6102*0.90
11483 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+6103*0.90
11484 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+6104*0.90
11485 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+6105*0.90
11486 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+6106*0.90
11487 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+6107*0.90
11488 (C)	Structural	9001*1.00+(4010+5004)*1.35+4110*0.68+6108*0.90
11489 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+6101*0.90
11490 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+6102*0.90
11491 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+6103*0.90
11492 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+6104*0.90
11493 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+6105*0.90
11494 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+6106*0.90
11495 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+6107*0.90
11496 (C)	Structural	9001*1.00+(4010+5005)*1.35+4110*0.68+6108*0.90
11497 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+6101*0.90
11498 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+6102*0.90
11499 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+6103*0.90
11500 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+6104*0.90
11501 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+6105*0.90
11502 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+6106*0.90
11503 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+6107*0.90
11504 (C)	Structural	9001*1.00+(4010+5006)*1.35+4110*0.68+6108*0.90
11505 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+6101*0.90
11506 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+6102*0.90
11507 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+6103*0.90
11508 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+6104*0.90
11509 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+6105*0.90
11510 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+6106*0.90
11511 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+6107*0.90
11512 (C)	Structural	9001*1.00+(4010+5007)*1.35+4110*0.68+6108*0.90
11513 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+6101*0.90
11514 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+6102*0.90
11515 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+6103*0.90

Combinations	Case nature	Definition
11516 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+6104*0.90
11517 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+6105*0.90
11518 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+6106*0.90
11519 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+6107*0.90
11520 (C)	Structural	9001*1.00+(4011+5001)*1.35+4111*0.68+6108*0.90
11521 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+6101*0.90
11522 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+6102*0.90
11523 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+6103*0.90
11524 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+6104*0.90
11525 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+6105*0.90
11526 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+6106*0.90
11527 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+6107*0.90
11528 (C)	Structural	9001*1.00+(4011+5002)*1.35+4111*0.68+6108*0.90
11529 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+6101*0.90
11530 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+6102*0.90
11531 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+6103*0.90
11532 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+6104*0.90
11533 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+6105*0.90
11534 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+6106*0.90
11535 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+6107*0.90
11536 (C)	Structural	9001*1.00+(4011+5003)*1.35+4111*0.68+6108*0.90
11537 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+6101*0.90
11538 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+6102*0.90
11539 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+6103*0.90
11540 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+6104*0.90
11541 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+6105*0.90
11542 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+6106*0.90
11543 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+6107*0.90
11544 (C)	Structural	9001*1.00+(4011+5004)*1.35+4111*0.68+6108*0.90
11545 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+6101*0.90
11546 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+6102*0.90
11547 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+6103*0.90
11548 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+6104*0.90
11549 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+6105*0.90
11550 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+6106*0.90
11551 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+6107*0.90
11552 (C)	Structural	9001*1.00+(4011+5005)*1.35+4111*0.68+6108*0.90
11553 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+6101*0.90
11554 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+6102*0.90
11555 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+6103*0.90
11556 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+6104*0.90
11557 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+6105*0.90
11558 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+6106*0.90
11559 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+6107*0.90
11560 (C)	Structural	9001*1.00+(4011+5006)*1.35+4111*0.68+6108*0.90
11561 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+6101*0.90
11562 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+6102*0.90
11563 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+6103*0.90
11564 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+6104*0.90
11565 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+6105*0.90
11566 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+6106*0.90
11567 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
11568 (C)	Structural	9001*1.00+(4011+5007)*1.35+4111*0.68+6108*0.90
11569 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+6101*0.90
11570 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+6102*0.90
11571 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+6103*0.90
11572 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+6104*0.90
11573 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+6105*0.90
11574 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+6106*0.90
11575 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+6107*0.90
11576 (C)	Structural	9001*1.00+(4012+5001)*1.35+4112*0.68+6108*0.90
11577 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+6101*0.90
11578 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+6102*0.90
11579 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+6103*0.90
11580 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+6104*0.90
11581 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+6105*0.90
11582 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+6106*0.90
11583 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+6107*0.90
11584 (C)	Structural	9001*1.00+(4012+5002)*1.35+4112*0.68+6108*0.90
11585 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+6101*0.90
11586 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+6102*0.90
11587 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+6103*0.90
11588 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+6104*0.90
11589 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+6105*0.90
11590 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+6106*0.90
11591 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+6107*0.90
11592 (C)	Structural	9001*1.00+(4012+5003)*1.35+4112*0.68+6108*0.90
11593 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+6101*0.90
11594 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+6102*0.90
11595 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+6103*0.90
11596 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+6104*0.90
11597 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+6105*0.90
11598 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+6106*0.90
11599 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+6107*0.90
11600 (C)	Structural	9001*1.00+(4012+5004)*1.35+4112*0.68+6108*0.90
11601 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+6101*0.90
11602 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+6102*0.90
11603 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+6103*0.90
11604 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+6104*0.90
11605 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+6105*0.90
11606 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+6106*0.90
11607 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+6107*0.90
11608 (C)	Structural	9001*1.00+(4012+5005)*1.35+4112*0.68+6108*0.90
11609 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+6101*0.90
11610 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+6102*0.90
11611 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+6103*0.90
11612 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+6104*0.90
11613 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+6105*0.90
11614 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+6106*0.90
11615 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+6107*0.90
11616 (C)	Structural	9001*1.00+(4012+5006)*1.35+4112*0.68+6108*0.90
11617 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+6101*0.90
11618 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+6102*0.90
11619 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+6103*0.90

Combinations	Case nature	Definition
11620 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+6104*0.90
11621 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+6105*0.90
11622 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+6106*0.90
11623 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+6107*0.90
11624 (C)	Structural	9001*1.00+(4012+5007)*1.35+4112*0.68+6108*0.90
11625 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+6101*0.90
11626 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+6102*0.90
11627 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+6103*0.90
11628 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+6104*0.90
11629 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+6105*0.90
11630 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+6106*0.90
11631 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+6107*0.90
11632 (C)	Structural	9001*1.00+(4013+5001)*1.35+4113*0.68+6108*0.90
11633 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+6101*0.90
11634 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+6102*0.90
11635 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+6103*0.90
11636 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+6104*0.90
11637 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+6105*0.90
11638 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+6106*0.90
11639 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+6107*0.90
11640 (C)	Structural	9001*1.00+(4013+5002)*1.35+4113*0.68+6108*0.90
11641 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+6101*0.90
11642 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+6102*0.90
11643 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+6103*0.90
11644 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+6104*0.90
11645 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+6105*0.90
11646 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+6106*0.90
11647 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+6107*0.90
11648 (C)	Structural	9001*1.00+(4013+5003)*1.35+4113*0.68+6108*0.90
11649 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+6101*0.90
11650 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+6102*0.90
11651 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+6103*0.90
11652 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+6104*0.90
11653 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+6105*0.90
11654 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+6106*0.90
11655 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+6107*0.90
11656 (C)	Structural	9001*1.00+(4013+5004)*1.35+4113*0.68+6108*0.90
11657 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+6101*0.90
11658 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+6102*0.90
11659 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+6103*0.90
11660 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+6104*0.90
11661 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+6105*0.90
11662 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+6106*0.90
11663 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+6107*0.90
11664 (C)	Structural	9001*1.00+(4013+5005)*1.35+4113*0.68+6108*0.90
11665 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+6101*0.90
11666 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+6102*0.90
11667 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+6103*0.90
11668 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+6104*0.90
11669 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+6105*0.90
11670 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+6106*0.90
11671 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+6107*0.90

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Combinations	Case nature	Definition
11672 (C)	Structural	9001*1.00+(4013+5006)*1.35+4113*0.68+6108*0.90
11673 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+6101*0.90
11674 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+6102*0.90
11675 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+6103*0.90
11676 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+6104*0.90
11677 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+6105*0.90
11678 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+6106*0.90
11679 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+6107*0.90
11680 (C)	Structural	9001*1.00+(4013+5007)*1.35+4113*0.68+6108*0.90
11681 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+6101*0.90
11682 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+6102*0.90
11683 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+6103*0.90
11684 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+6104*0.90
11685 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+6105*0.90
11686 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+6106*0.90
11687 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+6107*0.90
11688 (C)	Structural	9001*1.00+(4014+5001)*1.35+4114*0.68+6108*0.90
11689 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+6101*0.90
11690 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+6102*0.90
11691 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+6103*0.90
11692 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+6104*0.90
11693 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+6105*0.90
11694 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+6106*0.90
11695 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+6107*0.90
11696 (C)	Structural	9001*1.00+(4014+5002)*1.35+4114*0.68+6108*0.90
11697 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+6101*0.90
11698 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+6102*0.90
11699 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+6103*0.90
11700 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+6104*0.90
11701 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+6105*0.90
11702 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+6106*0.90
11703 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+6107*0.90
11704 (C)	Structural	9001*1.00+(4014+5003)*1.35+4114*0.68+6108*0.90
11705 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+6101*0.90
11706 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+6102*0.90
11707 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+6103*0.90
11708 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+6104*0.90
11709 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+6105*0.90
11710 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+6106*0.90
11711 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+6107*0.90
11712 (C)	Structural	9001*1.00+(4014+5004)*1.35+4114*0.68+6108*0.90
11713 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+6101*0.90
11714 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+6102*0.90
11715 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+6103*0.90
11716 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+6104*0.90
11717 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+6105*0.90
11718 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+6106*0.90
11719 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+6107*0.90
11720 (C)	Structural	9001*1.00+(4014+5005)*1.35+4114*0.68+6108*0.90
11721 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+6101*0.90
11722 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+6102*0.90
11723 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+6103*0.90

Combinations	Case nature	Definition
11724 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+6104*0.90
11725 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+6105*0.90
11726 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+6106*0.90
11727 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+6107*0.90
11728 (C)	Structural	9001*1.00+(4014+5006)*1.35+4114*0.68+6108*0.90
11729 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+6101*0.90
11730 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+6102*0.90
11731 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+6103*0.90
11732 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+6104*0.90
11733 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+6105*0.90
11734 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+6106*0.90
11735 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+6107*0.90
11736 (C)	Structural	9001*1.00+(4014+5007)*1.35+4114*0.68+6108*0.90
11737 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+6101*0.90
11738 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+6102*0.90
11739 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+6103*0.90
11740 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+6104*0.90
11741 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+6105*0.90
11742 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+6106*0.90
11743 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+6107*0.90
11744 (C)	Structural	9001*1.00+(4015+5001)*1.35+4115*0.68+6108*0.90
11745 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+6101*0.90
11746 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+6102*0.90
11747 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+6103*0.90
11748 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+6104*0.90
11749 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+6105*0.90
11750 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+6106*0.90
11751 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+6107*0.90
11752 (C)	Structural	9001*1.00+(4015+5002)*1.35+4115*0.68+6108*0.90
11753 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+6101*0.90
11754 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+6102*0.90
11755 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+6103*0.90
11756 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+6104*0.90
11757 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+6105*0.90
11758 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+6106*0.90
11759 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+6107*0.90
11760 (C)	Structural	9001*1.00+(4015+5003)*1.35+4115*0.68+6108*0.90
11761 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+6101*0.90
11762 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+6102*0.90
11763 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+6103*0.90
11764 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+6104*0.90
11765 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+6105*0.90
11766 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+6106*0.90
11767 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+6107*0.90
11768 (C)	Structural	9001*1.00+(4015+5004)*1.35+4115*0.68+6108*0.90
11769 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+6101*0.90
11770 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+6102*0.90
11771 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+6103*0.90
11772 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+6104*0.90
11773 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+6105*0.90
11774 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+6106*0.90
11775 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+6107*0.90

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Combinations	Case nature	Definition
11776 (C)	Structural	9001*1.00+(4015+5005)*1.35+4115*0.68+6108*0.90
11777 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+6101*0.90
11778 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+6102*0.90
11779 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+6103*0.90
11780 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+6104*0.90
11781 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+6105*0.90
11782 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+6106*0.90
11783 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+6107*0.90
11784 (C)	Structural	9001*1.00+(4015+5006)*1.35+4115*0.68+6108*0.90
11785 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+6101*0.90
11786 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+6102*0.90
11787 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+6103*0.90
11788 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+6104*0.90
11789 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+6105*0.90
11790 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+6106*0.90
11791 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+6107*0.90
11792 (C)	Structural	9001*1.00+(4015+5007)*1.35+4115*0.68+6108*0.90
11793 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+6101*0.90
11794 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+6102*0.90
11795 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+6103*0.90
11796 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+6104*0.90
11797 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+6105*0.90
11798 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+6106*0.90
11799 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+6107*0.90
11800 (C)	Structural	(9002+4000+5001)*1.35+4100*0.68+6108*0.90
11801 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+6101*0.90
11802 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+6102*0.90
11803 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+6103*0.90
11804 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+6104*0.90
11805 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+6105*0.90
11806 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+6106*0.90
11807 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+6107*0.90
11808 (C)	Structural	(9002+4000+5002)*1.35+4100*0.68+6108*0.90
11809 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+6101*0.90
11810 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+6102*0.90
11811 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+6103*0.90
11812 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+6104*0.90
11813 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+6105*0.90
11814 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+6106*0.90
11815 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+6107*0.90
11816 (C)	Structural	(9002+4000+5003)*1.35+4100*0.68+6108*0.90
11817 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+6101*0.90
11818 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+6102*0.90
11819 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+6103*0.90
11820 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+6104*0.90
11821 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+6105*0.90
11822 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+6106*0.90
11823 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+6107*0.90
11824 (C)	Structural	(9002+4000+5004)*1.35+4100*0.68+6108*0.90
11825 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+6101*0.90
11826 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+6102*0.90
11827 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+6103*0.90

Combinations	Case nature	Definition
11828 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+6104*0.90
11829 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+6105*0.90
11830 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+6106*0.90
11831 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+6107*0.90
11832 (C)	Structural	(9002+4000+5005)*1.35+4100*0.68+6108*0.90
11833 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+6101*0.90
11834 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+6102*0.90
11835 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+6103*0.90
11836 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+6104*0.90
11837 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+6105*0.90
11838 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+6106*0.90
11839 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+6107*0.90
11840 (C)	Structural	(9002+4000+5006)*1.35+4100*0.68+6108*0.90
11841 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+6101*0.90
11842 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+6102*0.90
11843 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+6103*0.90
11844 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+6104*0.90
11845 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+6105*0.90
11846 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+6106*0.90
11847 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+6107*0.90
11848 (C)	Structural	(9002+4000+5007)*1.35+4100*0.68+6108*0.90
11849 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+6101*0.90
11850 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+6102*0.90
11851 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+6103*0.90
11852 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+6104*0.90
11853 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+6105*0.90
11854 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+6106*0.90
11855 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+6107*0.90
11856 (C)	Structural	(9002+4001+5001)*1.35+4101*0.68+6108*0.90
11857 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+6101*0.90
11858 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+6102*0.90
11859 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+6103*0.90
11860 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+6104*0.90
11861 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+6105*0.90
11862 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+6106*0.90
11863 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+6107*0.90
11864 (C)	Structural	(9002+4001+5002)*1.35+4101*0.68+6108*0.90
11865 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+6101*0.90
11866 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+6102*0.90
11867 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+6103*0.90
11868 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+6104*0.90
11869 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+6105*0.90
11870 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+6106*0.90
11871 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+6107*0.90
11872 (C)	Structural	(9002+4001+5003)*1.35+4101*0.68+6108*0.90
11873 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+6101*0.90
11874 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+6102*0.90
11875 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+6103*0.90
11876 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+6104*0.90
11877 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+6105*0.90
11878 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+6106*0.90
11879 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+6107*0.90

Combinations	Case nature	Definition
11880 (C)	Structural	(9002+4001+5004)*1.35+4101*0.68+6108*0.90
11881 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+6101*0.90
11882 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+6102*0.90
11883 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+6103*0.90
11884 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+6104*0.90
11885 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+6105*0.90
11886 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+6106*0.90
11887 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+6107*0.90
11888 (C)	Structural	(9002+4001+5005)*1.35+4101*0.68+6108*0.90
11889 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+6101*0.90
11890 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+6102*0.90
11891 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+6103*0.90
11892 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+6104*0.90
11893 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+6105*0.90
11894 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+6106*0.90
11895 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+6107*0.90
11896 (C)	Structural	(9002+4001+5006)*1.35+4101*0.68+6108*0.90
11897 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+6101*0.90
11898 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+6102*0.90
11899 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+6103*0.90
11900 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+6104*0.90
11901 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+6105*0.90
11902 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+6106*0.90
11903 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+6107*0.90
11904 (C)	Structural	(9002+4001+5007)*1.35+4101*0.68+6108*0.90
11905 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+6101*0.90
11906 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+6102*0.90
11907 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+6103*0.90
11908 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+6104*0.90
11909 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+6105*0.90
11910 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+6106*0.90
11911 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+6107*0.90
11912 (C)	Structural	(9002+4002+5001)*1.35+4102*0.68+6108*0.90
11913 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+6101*0.90
11914 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+6102*0.90
11915 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+6103*0.90
11916 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+6104*0.90
11917 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+6105*0.90
11918 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+6106*0.90
11919 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+6107*0.90
11920 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68+6108*0.90
11921 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+6101*0.90
11922 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+6102*0.90
11923 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+6103*0.90
11924 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+6104*0.90
11925 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+6105*0.90
11926 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+6106*0.90
11927 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+6107*0.90
11928 (C)	Structural	(9002+4002+5003)*1.35+4102*0.68+6108*0.90
11929 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+6101*0.90
11930 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+6102*0.90
11931 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+6103*0.90

Combinations	Case nature	Definition
11932 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+6104*0.90
11933 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+6105*0.90
11934 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+6106*0.90
11935 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+6107*0.90
11936 (C)	Structural	(9002+4002+5004)*1.35+4102*0.68+6108*0.90
11937 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+6101*0.90
11938 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+6102*0.90
11939 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+6103*0.90
11940 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+6104*0.90
11941 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+6105*0.90
11942 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+6106*0.90
11943 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+6107*0.90
11944 (C)	Structural	(9002+4002+5005)*1.35+4102*0.68+6108*0.90
11945 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+6101*0.90
11946 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+6102*0.90
11947 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+6103*0.90
11948 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+6104*0.90
11949 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+6105*0.90
11950 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+6106*0.90
11951 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+6107*0.90
11952 (C)	Structural	(9002+4002+5006)*1.35+4102*0.68+6108*0.90
11953 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+6101*0.90
11954 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+6102*0.90
11955 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+6103*0.90
11956 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+6104*0.90
11957 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+6105*0.90
11958 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+6106*0.90
11959 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+6107*0.90
11960 (C)	Structural	(9002+4002+5007)*1.35+4102*0.68+6108*0.90
11961 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+6101*0.90
11962 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+6102*0.90
11963 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+6103*0.90
11964 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+6104*0.90
11965 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+6105*0.90
11966 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+6106*0.90
11967 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+6107*0.90
11968 (C)	Structural	(9002+4003+5001)*1.35+4103*0.68+6108*0.90
11969 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+6101*0.90
11970 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+6102*0.90
11971 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+6103*0.90
11972 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+6104*0.90
11973 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+6105*0.90
11974 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+6106*0.90
11975 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+6107*0.90
11976 (C)	Structural	(9002+4003+5002)*1.35+4103*0.68+6108*0.90
11977 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+6101*0.90
11978 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+6102*0.90
11979 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+6103*0.90
11980 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+6104*0.90
11981 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+6105*0.90
11982 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+6106*0.90
11983 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
11984 (C)	Structural	(9002+4003+5003)*1.35+4103*0.68+6108*0.90
11985 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+6101*0.90
11986 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+6102*0.90
11987 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+6103*0.90
11988 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+6104*0.90
11989 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+6105*0.90
11990 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+6106*0.90
11991 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+6107*0.90
11992 (C)	Structural	(9002+4003+5004)*1.35+4103*0.68+6108*0.90
11993 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+6101*0.90
11994 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+6102*0.90
11995 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+6103*0.90
11996 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+6104*0.90
11997 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+6105*0.90
11998 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+6106*0.90
11999 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+6107*0.90
12000 (C)	Structural	(9002+4003+5005)*1.35+4103*0.68+6108*0.90
12001 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+6101*0.90
12002 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+6102*0.90
12003 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+6103*0.90
12004 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+6104*0.90
12005 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+6105*0.90
12006 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+6106*0.90
12007 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+6107*0.90
12008 (C)	Structural	(9002+4003+5006)*1.35+4103*0.68+6108*0.90
12009 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+6101*0.90
12010 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+6102*0.90
12011 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+6103*0.90
12012 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+6104*0.90
12013 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+6105*0.90
12014 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+6106*0.90
12015 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+6107*0.90
12016 (C)	Structural	(9002+4003+5007)*1.35+4103*0.68+6108*0.90
12017 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+6101*0.90
12018 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+6102*0.90
12019 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+6103*0.90
12020 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+6104*0.90
12021 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+6105*0.90
12022 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+6106*0.90
12023 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+6107*0.90
12024 (C)	Structural	(9002+4004+5001)*1.35+4104*0.68+6108*0.90
12025 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+6101*0.90
12026 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+6102*0.90
12027 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+6103*0.90
12028 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+6104*0.90
12029 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+6105*0.90
12030 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+6106*0.90
12031 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+6107*0.90
12032 (C)	Structural	(9002+4004+5002)*1.35+4104*0.68+6108*0.90
12033 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+6101*0.90
12034 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+6102*0.90
12035 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+6103*0.90

Combinations	Case nature	Definition
12036 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+6104*0.90
12037 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+6105*0.90
12038 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+6106*0.90
12039 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+6107*0.90
12040 (C)	Structural	(9002+4004+5003)*1.35+4104*0.68+6108*0.90
12041 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+6101*0.90
12042 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+6102*0.90
12043 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+6103*0.90
12044 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+6104*0.90
12045 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+6105*0.90
12046 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+6106*0.90
12047 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+6107*0.90
12048 (C)	Structural	(9002+4004+5004)*1.35+4104*0.68+6108*0.90
12049 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+6101*0.90
12050 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+6102*0.90
12051 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+6103*0.90
12052 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+6104*0.90
12053 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+6105*0.90
12054 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+6106*0.90
12055 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+6107*0.90
12056 (C)	Structural	(9002+4004+5005)*1.35+4104*0.68+6108*0.90
12057 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+6101*0.90
12058 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+6102*0.90
12059 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+6103*0.90
12060 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+6104*0.90
12061 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+6105*0.90
12062 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+6106*0.90
12063 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+6107*0.90
12064 (C)	Structural	(9002+4004+5006)*1.35+4104*0.68+6108*0.90
12065 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+6101*0.90
12066 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+6102*0.90
12067 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+6103*0.90
12068 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+6104*0.90
12069 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+6105*0.90
12070 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+6106*0.90
12071 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+6107*0.90
12072 (C)	Structural	(9002+4004+5007)*1.35+4104*0.68+6108*0.90
12073 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+6101*0.90
12074 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+6102*0.90
12075 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+6103*0.90
12076 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+6104*0.90
12077 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+6105*0.90
12078 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+6106*0.90
12079 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+6107*0.90
12080 (C)	Structural	(9002+4005+5001)*1.35+4105*0.68+6108*0.90
12081 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+6101*0.90
12082 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+6102*0.90
12083 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+6103*0.90
12084 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+6104*0.90
12085 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+6105*0.90
12086 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+6106*0.90
12087 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+6107*0.90

Combinations	Case nature	Definition
12088 (C)	Structural	(9002+4005+5002)*1.35+4105*0.68+6108*0.90
12089 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+6101*0.90
12090 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+6102*0.90
12091 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+6103*0.90
12092 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+6104*0.90
12093 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+6105*0.90
12094 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+6106*0.90
12095 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+6107*0.90
12096 (C)	Structural	(9002+4005+5003)*1.35+4105*0.68+6108*0.90
12097 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+6101*0.90
12098 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+6102*0.90
12099 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+6103*0.90
12100 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+6104*0.90
12101 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+6105*0.90
12102 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+6106*0.90
12103 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+6107*0.90
12104 (C)	Structural	(9002+4005+5004)*1.35+4105*0.68+6108*0.90
12105 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+6101*0.90
12106 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+6102*0.90
12107 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+6103*0.90
12108 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+6104*0.90
12109 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+6105*0.90
12110 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+6106*0.90
12111 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+6107*0.90
12112 (C)	Structural	(9002+4005+5005)*1.35+4105*0.68+6108*0.90
12113 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+6101*0.90
12114 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+6102*0.90
12115 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+6103*0.90
12116 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+6104*0.90
12117 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+6105*0.90
12118 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+6106*0.90
12119 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+6107*0.90
12120 (C)	Structural	(9002+4005+5006)*1.35+4105*0.68+6108*0.90
12121 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+6101*0.90
12122 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+6102*0.90
12123 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+6103*0.90
12124 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+6104*0.90
12125 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+6105*0.90
12126 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+6106*0.90
12127 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+6107*0.90
12128 (C)	Structural	(9002+4005+5007)*1.35+4105*0.68+6108*0.90
12129 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+6101*0.90
12130 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+6102*0.90
12131 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+6103*0.90
12132 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+6104*0.90
12133 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+6105*0.90
12134 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+6106*0.90
12135 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+6107*0.90
12136 (C)	Structural	(9002+4006+5001)*1.35+4106*0.68+6108*0.90
12137 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+6101*0.90
12138 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+6102*0.90
12139 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+6103*0.90

Combinations	Case nature	Definition
12140 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+6104*0.90
12141 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+6105*0.90
12142 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+6106*0.90
12143 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+6107*0.90
12144 (C)	Structural	(9002+4006+5002)*1.35+4106*0.68+6108*0.90
12145 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+6101*0.90
12146 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+6102*0.90
12147 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+6103*0.90
12148 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+6104*0.90
12149 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+6105*0.90
12150 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+6106*0.90
12151 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+6107*0.90
12152 (C)	Structural	(9002+4006+5003)*1.35+4106*0.68+6108*0.90
12153 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+6101*0.90
12154 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+6102*0.90
12155 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+6103*0.90
12156 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+6104*0.90
12157 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+6105*0.90
12158 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+6106*0.90
12159 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+6107*0.90
12160 (C)	Structural	(9002+4006+5004)*1.35+4106*0.68+6108*0.90
12161 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+6101*0.90
12162 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+6102*0.90
12163 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+6103*0.90
12164 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+6104*0.90
12165 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+6105*0.90
12166 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+6106*0.90
12167 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+6107*0.90
12168 (C)	Structural	(9002+4006+5005)*1.35+4106*0.68+6108*0.90
12169 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+6101*0.90
12170 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+6102*0.90
12171 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+6103*0.90
12172 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+6104*0.90
12173 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+6105*0.90
12174 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+6106*0.90
12175 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+6107*0.90
12176 (C)	Structural	(9002+4006+5006)*1.35+4106*0.68+6108*0.90
12177 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+6101*0.90
12178 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+6102*0.90
12179 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+6103*0.90
12180 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+6104*0.90
12181 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+6105*0.90
12182 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+6106*0.90
12183 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+6107*0.90
12184 (C)	Structural	(9002+4006+5007)*1.35+4106*0.68+6108*0.90
12185 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+6101*0.90
12186 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+6102*0.90
12187 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+6103*0.90
12188 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+6104*0.90
12189 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+6105*0.90
12190 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+6106*0.90
12191 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+6107*0.90

Combinations	Case nature	Definition
12192 (C)	Structural	(9002+4007+5001)*1.35+4107*0.68+6108*0.90
12193 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+6101*0.90
12194 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+6102*0.90
12195 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+6103*0.90
12196 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+6104*0.90
12197 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+6105*0.90
12198 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+6106*0.90
12199 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+6107*0.90
12200 (C)	Structural	(9002+4007+5002)*1.35+4107*0.68+6108*0.90
12201 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+6101*0.90
12202 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+6102*0.90
12203 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+6103*0.90
12204 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+6104*0.90
12205 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+6105*0.90
12206 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+6106*0.90
12207 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+6107*0.90
12208 (C)	Structural	(9002+4007+5003)*1.35+4107*0.68+6108*0.90
12209 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+6101*0.90
12210 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+6102*0.90
12211 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+6103*0.90
12212 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+6104*0.90
12213 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+6105*0.90
12214 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+6106*0.90
12215 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+6107*0.90
12216 (C)	Structural	(9002+4007+5004)*1.35+4107*0.68+6108*0.90
12217 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+6101*0.90
12218 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+6102*0.90
12219 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+6103*0.90
12220 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+6104*0.90
12221 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+6105*0.90
12222 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+6106*0.90
12223 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+6107*0.90
12224 (C)	Structural	(9002+4007+5005)*1.35+4107*0.68+6108*0.90
12225 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+6101*0.90
12226 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+6102*0.90
12227 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+6103*0.90
12228 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+6104*0.90
12229 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+6105*0.90
12230 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+6106*0.90
12231 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+6107*0.90
12232 (C)	Structural	(9002+4007+5006)*1.35+4107*0.68+6108*0.90
12233 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+6101*0.90
12234 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+6102*0.90
12235 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+6103*0.90
12236 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+6104*0.90
12237 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+6105*0.90
12238 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+6106*0.90
12239 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+6107*0.90
12240 (C)	Structural	(9002+4007+5007)*1.35+4107*0.68+6108*0.90
12241 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+6101*0.90
12242 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+6102*0.90
12243 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+6103*0.90

Combinations	Case nature	Definition
12244 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+6104*0.90
12245 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+6105*0.90
12246 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+6106*0.90
12247 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+6107*0.90
12248 (C)	Structural	(9002+4008+5001)*1.35+4108*0.68+6108*0.90
12249 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+6101*0.90
12250 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+6102*0.90
12251 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+6103*0.90
12252 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+6104*0.90
12253 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+6105*0.90
12254 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+6106*0.90
12255 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+6107*0.90
12256 (C)	Structural	(9002+4008+5002)*1.35+4108*0.68+6108*0.90
12257 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+6101*0.90
12258 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+6102*0.90
12259 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+6103*0.90
12260 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+6104*0.90
12261 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+6105*0.90
12262 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+6106*0.90
12263 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+6107*0.90
12264 (C)	Structural	(9002+4008+5003)*1.35+4108*0.68+6108*0.90
12265 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+6101*0.90
12266 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+6102*0.90
12267 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+6103*0.90
12268 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+6104*0.90
12269 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+6105*0.90
12270 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+6106*0.90
12271 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+6107*0.90
12272 (C)	Structural	(9002+4008+5004)*1.35+4108*0.68+6108*0.90
12273 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+6101*0.90
12274 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+6102*0.90
12275 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+6103*0.90
12276 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+6104*0.90
12277 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+6105*0.90
12278 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+6106*0.90
12279 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+6107*0.90
12280 (C)	Structural	(9002+4008+5005)*1.35+4108*0.68+6108*0.90
12281 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+6101*0.90
12282 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+6102*0.90
12283 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+6103*0.90
12284 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+6104*0.90
12285 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+6105*0.90
12286 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+6106*0.90
12287 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+6107*0.90
12288 (C)	Structural	(9002+4008+5006)*1.35+4108*0.68+6108*0.90
12289 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+6101*0.90
12290 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+6102*0.90
12291 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+6103*0.90
12292 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+6104*0.90
12293 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+6105*0.90
12294 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+6106*0.90
12295 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
12296 (C)	Structural	(9002+4008+5007)*1.35+4108*0.68+6108*0.90
12297 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+6101*0.90
12298 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+6102*0.90
12299 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+6103*0.90
12300 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+6104*0.90
12301 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+6105*0.90
12302 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+6106*0.90
12303 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+6107*0.90
12304 (C)	Structural	(9002+4009+5001)*1.35+4109*0.68+6108*0.90
12305 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+6101*0.90
12306 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+6102*0.90
12307 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+6103*0.90
12308 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+6104*0.90
12309 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+6105*0.90
12310 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+6106*0.90
12311 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+6107*0.90
12312 (C)	Structural	(9002+4009+5002)*1.35+4109*0.68+6108*0.90
12313 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+6101*0.90
12314 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+6102*0.90
12315 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+6103*0.90
12316 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+6104*0.90
12317 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+6105*0.90
12318 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+6106*0.90
12319 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+6107*0.90
12320 (C)	Structural	(9002+4009+5003)*1.35+4109*0.68+6108*0.90
12321 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+6101*0.90
12322 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+6102*0.90
12323 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+6103*0.90
12324 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+6104*0.90
12325 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+6105*0.90
12326 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+6106*0.90
12327 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+6107*0.90
12328 (C)	Structural	(9002+4009+5004)*1.35+4109*0.68+6108*0.90
12329 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+6101*0.90
12330 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+6102*0.90
12331 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+6103*0.90
12332 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+6104*0.90
12333 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+6105*0.90
12334 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+6106*0.90
12335 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+6107*0.90
12336 (C)	Structural	(9002+4009+5005)*1.35+4109*0.68+6108*0.90
12337 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+6101*0.90
12338 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+6102*0.90
12339 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+6103*0.90
12340 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+6104*0.90
12341 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+6105*0.90
12342 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+6106*0.90
12343 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+6107*0.90
12344 (C)	Structural	(9002+4009+5006)*1.35+4109*0.68+6108*0.90
12345 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+6101*0.90
12346 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+6102*0.90
12347 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+6103*0.90

Combinations	Case nature	Definition
12348 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+6104*0.90
12349 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+6105*0.90
12350 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+6106*0.90
12351 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+6107*0.90
12352 (C)	Structural	(9002+4009+5007)*1.35+4109*0.68+6108*0.90
12353 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+6101*0.90
12354 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+6102*0.90
12355 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+6103*0.90
12356 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+6104*0.90
12357 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+6105*0.90
12358 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+6106*0.90
12359 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+6107*0.90
12360 (C)	Structural	(9002+4010+5001)*1.35+4110*0.68+6108*0.90
12361 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+6101*0.90
12362 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+6102*0.90
12363 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+6103*0.90
12364 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+6104*0.90
12365 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+6105*0.90
12366 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+6106*0.90
12367 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+6107*0.90
12368 (C)	Structural	(9002+4010+5002)*1.35+4110*0.68+6108*0.90
12369 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+6101*0.90
12370 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+6102*0.90
12371 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+6103*0.90
12372 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+6104*0.90
12373 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+6105*0.90
12374 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+6106*0.90
12375 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+6107*0.90
12376 (C)	Structural	(9002+4010+5003)*1.35+4110*0.68+6108*0.90
12377 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+6101*0.90
12378 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+6102*0.90
12379 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+6103*0.90
12380 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+6104*0.90
12381 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+6105*0.90
12382 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+6106*0.90
12383 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+6107*0.90
12384 (C)	Structural	(9002+4010+5004)*1.35+4110*0.68+6108*0.90
12385 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+6101*0.90
12386 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+6102*0.90
12387 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+6103*0.90
12388 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+6104*0.90
12389 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+6105*0.90
12390 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+6106*0.90
12391 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+6107*0.90
12392 (C)	Structural	(9002+4010+5005)*1.35+4110*0.68+6108*0.90
12393 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+6101*0.90
12394 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+6102*0.90
12395 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+6103*0.90
12396 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+6104*0.90
12397 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+6105*0.90
12398 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+6106*0.90
12399 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
12400 (C)	Structural	(9002+4010+5006)*1.35+4110*0.68+6108*0.90
12401 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+6101*0.90
12402 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+6102*0.90
12403 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+6103*0.90
12404 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+6104*0.90
12405 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+6105*0.90
12406 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+6106*0.90
12407 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+6107*0.90
12408 (C)	Structural	(9002+4010+5007)*1.35+4110*0.68+6108*0.90
12409 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+6101*0.90
12410 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+6102*0.90
12411 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+6103*0.90
12412 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+6104*0.90
12413 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+6105*0.90
12414 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+6106*0.90
12415 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+6107*0.90
12416 (C)	Structural	(9002+4011+5001)*1.35+4111*0.68+6108*0.90
12417 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+6101*0.90
12418 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+6102*0.90
12419 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+6103*0.90
12420 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+6104*0.90
12421 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+6105*0.90
12422 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+6106*0.90
12423 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+6107*0.90
12424 (C)	Structural	(9002+4011+5002)*1.35+4111*0.68+6108*0.90
12425 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+6101*0.90
12426 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+6102*0.90
12427 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+6103*0.90
12428 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+6104*0.90
12429 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+6105*0.90
12430 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+6106*0.90
12431 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+6107*0.90
12432 (C)	Structural	(9002+4011+5003)*1.35+4111*0.68+6108*0.90
12433 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+6101*0.90
12434 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+6102*0.90
12435 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+6103*0.90
12436 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+6104*0.90
12437 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+6105*0.90
12438 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+6106*0.90
12439 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+6107*0.90
12440 (C)	Structural	(9002+4011+5004)*1.35+4111*0.68+6108*0.90
12441 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+6101*0.90
12442 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+6102*0.90
12443 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+6103*0.90
12444 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+6104*0.90
12445 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+6105*0.90
12446 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+6106*0.90
12447 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+6107*0.90
12448 (C)	Structural	(9002+4011+5005)*1.35+4111*0.68+6108*0.90
12449 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+6101*0.90
12450 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+6102*0.90
12451 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+6103*0.90

Combinations	Case nature	Definition
12452 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+6104*0.90
12453 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+6105*0.90
12454 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+6106*0.90
12455 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+6107*0.90
12456 (C)	Structural	(9002+4011+5006)*1.35+4111*0.68+6108*0.90
12457 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+6101*0.90
12458 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+6102*0.90
12459 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+6103*0.90
12460 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+6104*0.90
12461 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+6105*0.90
12462 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+6106*0.90
12463 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+6107*0.90
12464 (C)	Structural	(9002+4011+5007)*1.35+4111*0.68+6108*0.90
12465 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+6101*0.90
12466 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+6102*0.90
12467 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+6103*0.90
12468 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+6104*0.90
12469 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+6105*0.90
12470 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+6106*0.90
12471 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+6107*0.90
12472 (C)	Structural	(9002+4012+5001)*1.35+4112*0.68+6108*0.90
12473 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+6101*0.90
12474 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+6102*0.90
12475 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+6103*0.90
12476 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+6104*0.90
12477 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+6105*0.90
12478 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+6106*0.90
12479 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+6107*0.90
12480 (C)	Structural	(9002+4012+5002)*1.35+4112*0.68+6108*0.90
12481 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+6101*0.90
12482 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+6102*0.90
12483 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+6103*0.90
12484 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+6104*0.90
12485 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+6105*0.90
12486 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+6106*0.90
12487 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+6107*0.90
12488 (C)	Structural	(9002+4012+5003)*1.35+4112*0.68+6108*0.90
12489 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+6101*0.90
12490 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+6102*0.90
12491 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+6103*0.90
12492 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+6104*0.90
12493 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+6105*0.90
12494 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+6106*0.90
12495 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+6107*0.90
12496 (C)	Structural	(9002+4012+5004)*1.35+4112*0.68+6108*0.90
12497 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+6101*0.90
12498 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+6102*0.90
12499 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+6103*0.90
12500 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+6104*0.90
12501 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+6105*0.90
12502 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+6106*0.90
12503 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+6107*0.90

Combinations	Case nature	Definition
12504 (C)	Structural	(9002+4012+5005)*1.35+4112*0.68+6108*0.90
12505 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+6101*0.90
12506 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+6102*0.90
12507 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+6103*0.90
12508 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+6104*0.90
12509 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+6105*0.90
12510 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+6106*0.90
12511 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+6107*0.90
12512 (C)	Structural	(9002+4012+5006)*1.35+4112*0.68+6108*0.90
12513 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+6101*0.90
12514 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+6102*0.90
12515 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+6103*0.90
12516 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+6104*0.90
12517 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+6105*0.90
12518 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+6106*0.90
12519 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+6107*0.90
12520 (C)	Structural	(9002+4012+5007)*1.35+4112*0.68+6108*0.90
12521 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+6101*0.90
12522 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+6102*0.90
12523 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+6103*0.90
12524 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+6104*0.90
12525 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+6105*0.90
12526 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+6106*0.90
12527 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+6107*0.90
12528 (C)	Structural	(9002+4013+5001)*1.35+4113*0.68+6108*0.90
12529 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+6101*0.90
12530 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+6102*0.90
12531 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+6103*0.90
12532 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+6104*0.90
12533 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+6105*0.90
12534 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+6106*0.90
12535 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+6107*0.90
12536 (C)	Structural	(9002+4013+5002)*1.35+4113*0.68+6108*0.90
12537 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+6101*0.90
12538 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+6102*0.90
12539 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+6103*0.90
12540 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+6104*0.90
12541 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+6105*0.90
12542 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+6106*0.90
12543 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+6107*0.90
12544 (C)	Structural	(9002+4013+5003)*1.35+4113*0.68+6108*0.90
12545 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+6101*0.90
12546 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+6102*0.90
12547 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+6103*0.90
12548 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+6104*0.90
12549 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+6105*0.90
12550 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+6106*0.90
12551 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+6107*0.90
12552 (C)	Structural	(9002+4013+5004)*1.35+4113*0.68+6108*0.90
12553 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+6101*0.90
12554 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+6102*0.90
12555 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+6103*0.90

Combinations	Case nature	Definition
12556 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+6104*0.90
12557 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+6105*0.90
12558 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+6106*0.90
12559 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+6107*0.90
12560 (C)	Structural	(9002+4013+5005)*1.35+4113*0.68+6108*0.90
12561 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+6101*0.90
12562 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+6102*0.90
12563 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+6103*0.90
12564 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+6104*0.90
12565 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+6105*0.90
12566 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+6106*0.90
12567 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+6107*0.90
12568 (C)	Structural	(9002+4013+5006)*1.35+4113*0.68+6108*0.90
12569 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+6101*0.90
12570 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+6102*0.90
12571 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+6103*0.90
12572 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+6104*0.90
12573 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+6105*0.90
12574 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+6106*0.90
12575 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+6107*0.90
12576 (C)	Structural	(9002+4013+5007)*1.35+4113*0.68+6108*0.90
12577 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+6101*0.90
12578 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+6102*0.90
12579 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+6103*0.90
12580 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+6104*0.90
12581 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+6105*0.90
12582 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+6106*0.90
12583 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+6107*0.90
12584 (C)	Structural	(9002+4014+5001)*1.35+4114*0.68+6108*0.90
12585 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+6101*0.90
12586 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+6102*0.90
12587 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+6103*0.90
12588 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+6104*0.90
12589 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+6105*0.90
12590 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+6106*0.90
12591 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+6107*0.90
12592 (C)	Structural	(9002+4014+5002)*1.35+4114*0.68+6108*0.90
12593 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+6101*0.90
12594 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+6102*0.90
12595 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+6103*0.90
12596 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+6104*0.90
12597 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+6105*0.90
12598 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+6106*0.90
12599 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+6107*0.90
12600 (C)	Structural	(9002+4014+5003)*1.35+4114*0.68+6108*0.90
12601 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+6101*0.90
12602 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+6102*0.90
12603 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+6103*0.90
12604 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+6104*0.90
12605 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+6105*0.90
12606 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+6106*0.90
12607 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
12608 (C)	Structural	(9002+4014+5004)*1.35+4114*0.68+6108*0.90
12609 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+6101*0.90
12610 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+6102*0.90
12611 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+6103*0.90
12612 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+6104*0.90
12613 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+6105*0.90
12614 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+6106*0.90
12615 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+6107*0.90
12616 (C)	Structural	(9002+4014+5005)*1.35+4114*0.68+6108*0.90
12617 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+6101*0.90
12618 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+6102*0.90
12619 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+6103*0.90
12620 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+6104*0.90
12621 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+6105*0.90
12622 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+6106*0.90
12623 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+6107*0.90
12624 (C)	Structural	(9002+4014+5006)*1.35+4114*0.68+6108*0.90
12625 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+6101*0.90
12626 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+6102*0.90
12627 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+6103*0.90
12628 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+6104*0.90
12629 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+6105*0.90
12630 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+6106*0.90
12631 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+6107*0.90
12632 (C)	Structural	(9002+4014+5007)*1.35+4114*0.68+6108*0.90
12633 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+6101*0.90
12634 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+6102*0.90
12635 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+6103*0.90
12636 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+6104*0.90
12637 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+6105*0.90
12638 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+6106*0.90
12639 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+6107*0.90
12640 (C)	Structural	(9002+4015+5001)*1.35+4115*0.68+6108*0.90
12641 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+6101*0.90
12642 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+6102*0.90
12643 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+6103*0.90
12644 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+6104*0.90
12645 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+6105*0.90
12646 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+6106*0.90
12647 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+6107*0.90
12648 (C)	Structural	(9002+4015+5002)*1.35+4115*0.68+6108*0.90
12649 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+6101*0.90
12650 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+6102*0.90
12651 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+6103*0.90
12652 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+6104*0.90
12653 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+6105*0.90
12654 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+6106*0.90
12655 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+6107*0.90
12656 (C)	Structural	(9002+4015+5003)*1.35+4115*0.68+6108*0.90
12657 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+6101*0.90
12658 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+6102*0.90
12659 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+6103*0.90

Combinations	Case nature	Definition
12660 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+6104*0.90
12661 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+6105*0.90
12662 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+6106*0.90
12663 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+6107*0.90
12664 (C)	Structural	(9002+4015+5004)*1.35+4115*0.68+6108*0.90
12665 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+6101*0.90
12666 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+6102*0.90
12667 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+6103*0.90
12668 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+6104*0.90
12669 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+6105*0.90
12670 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+6106*0.90
12671 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+6107*0.90
12672 (C)	Structural	(9002+4015+5005)*1.35+4115*0.68+6108*0.90
12673 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+6101*0.90
12674 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+6102*0.90
12675 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+6103*0.90
12676 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+6104*0.90
12677 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+6105*0.90
12678 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+6106*0.90
12679 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+6107*0.90
12680 (C)	Structural	(9002+4015+5006)*1.35+4115*0.68+6108*0.90
12681 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+6101*0.90
12682 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+6102*0.90
12683 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+6103*0.90
12684 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+6104*0.90
12685 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+6105*0.90
12686 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+6106*0.90
12687 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+6107*0.90
12688 (C)	Structural	(9002+4015+5007)*1.35+4115*0.68+6108*0.90
12689 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+5000*1.35+6101*0.90
12690 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+5000*1.35+6102*0.90
12691 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+5000*1.35+6103*0.90
12692 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+5000*1.35+6104*0.90
12693 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+5000*1.35+6105*0.90
12694 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+5000*1.35+6106*0.90
12695 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+5000*1.35+6107*0.90
12696 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+5000*1.35+6108*0.90
12697 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+5000*1.35+6101*0.90
12698 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+5000*1.35+6102*0.90
12699 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+5000*1.35+6103*0.90
12700 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+5000*1.35+6104*0.90
12701 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+5000*1.35+6105*0.90
12702 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+5000*1.35+6106*0.90
12703 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+5000*1.35+6107*0.90
12704 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+5000*1.35+6108*0.90
12705 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+5000*1.35+6101*0.90
12706 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+5000*1.35+6102*0.90
12707 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+5000*1.35+6103*0.90
12708 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+5000*1.35+6104*0.90
12709 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+5000*1.35+6105*0.90
12710 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+5000*1.35+6106*0.90
12711 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+5000*1.35+6107*0.90

Combinations	Case nature	Definition
12712 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+5000*1.35+6108*0.90
12713 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+5000*1.35+6101*0.90
12714 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+5000*1.35+6102*0.90
12715 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+5000*1.35+6103*0.90
12716 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+5000*1.35+6104*0.90
12717 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+5000*1.35+6105*0.90
12718 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+5000*1.35+6106*0.90
12719 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+5000*1.35+6107*0.90
12720 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+5000*1.35+6108*0.90
12721 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+5000*1.35+6101*0.90
12722 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+5000*1.35+6102*0.90
12723 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+5000*1.35+6103*0.90
12724 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+5000*1.35+6104*0.90
12725 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+5000*1.35+6105*0.90
12726 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+5000*1.35+6106*0.90
12727 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+5000*1.35+6107*0.90
12728 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+5000*1.35+6108*0.90
12729 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+5000*1.35+6101*0.90
12730 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+5000*1.35+6102*0.90
12731 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+5000*1.35+6103*0.90
12732 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+5000*1.35+6104*0.90
12733 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+5000*1.35+6105*0.90
12734 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+5000*1.35+6106*0.90
12735 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+5000*1.35+6107*0.90
12736 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+5000*1.35+6108*0.90
12737 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+5000*1.35+6101*0.90
12738 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+5000*1.35+6102*0.90
12739 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+5000*1.35+6103*0.90
12740 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+5000*1.35+6104*0.90
12741 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+5000*1.35+6105*0.90
12742 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+5000*1.35+6106*0.90
12743 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+5000*1.35+6107*0.90
12744 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+5000*1.35+6108*0.90
12745 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+5000*1.35+6101*0.90
12746 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+5000*1.35+6102*0.90
12747 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+5000*1.35+6103*0.90
12748 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+5000*1.35+6104*0.90
12749 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+5000*1.35+6105*0.90
12750 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+5000*1.35+6106*0.90
12751 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+5000*1.35+6107*0.90
12752 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+5000*1.35+6108*0.90
12753 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+5000*1.35+6101*0.90
12754 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+5000*1.35+6102*0.90
12755 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+5000*1.35+6103*0.90
12756 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+5000*1.35+6104*0.90
12757 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+5000*1.35+6105*0.90
12758 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+5000*1.35+6106*0.90
12759 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+5000*1.35+6107*0.90
12760 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+5000*1.35+6108*0.90
12761 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+5000*1.35+6101*0.90
12762 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+5000*1.35+6102*0.90
12763 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+5000*1.35+6103*0.90

Combinations	Case nature	Definition
12764 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+5000*1.35+6104*0.90
12765 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+5000*1.35+6105*0.90
12766 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+5000*1.35+6106*0.90
12767 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+5000*1.35+6107*0.90
12768 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+5000*1.35+6108*0.90
12769 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+5000*1.35+6101*0.90
12770 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+5000*1.35+6102*0.90
12771 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+5000*1.35+6103*0.90
12772 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+5000*1.35+6104*0.90
12773 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+5000*1.35+6105*0.90
12774 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+5000*1.35+6106*0.90
12775 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+5000*1.35+6107*0.90
12776 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+5000*1.35+6108*0.90
12777 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+5000*1.35+6101*0.90
12778 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+5000*1.35+6102*0.90
12779 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+5000*1.35+6103*0.90
12780 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+5000*1.35+6104*0.90
12781 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+5000*1.35+6105*0.90
12782 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+5000*1.35+6106*0.90
12783 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+5000*1.35+6107*0.90
12784 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+5000*1.35+6108*0.90
12785 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+5000*1.35+6101*0.90
12786 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+5000*1.35+6102*0.90
12787 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+5000*1.35+6103*0.90
12788 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+5000*1.35+6104*0.90
12789 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+5000*1.35+6105*0.90
12790 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+5000*1.35+6106*0.90
12791 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+5000*1.35+6107*0.90
12792 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+5000*1.35+6108*0.90
12793 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+5000*1.35+6101*0.90
12794 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+5000*1.35+6102*0.90
12795 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+5000*1.35+6103*0.90
12796 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+5000*1.35+6104*0.90
12797 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+5000*1.35+6105*0.90
12798 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+5000*1.35+6106*0.90
12799 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+5000*1.35+6107*0.90
12800 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+5000*1.35+6108*0.90
12801 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+5000*1.35+6101*0.90
12802 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+5000*1.35+6102*0.90
12803 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+5000*1.35+6103*0.90
12804 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+5000*1.35+6104*0.90
12805 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+5000*1.35+6105*0.90
12806 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+5000*1.35+6106*0.90
12807 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+5000*1.35+6107*0.90
12808 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+5000*1.35+6108*0.90
12809 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+5000*1.35+6101*0.90
12810 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+5000*1.35+6102*0.90
12811 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+5000*1.35+6103*0.90
12812 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+5000*1.35+6104*0.90
12813 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+5000*1.35+6105*0.90
12814 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+5000*1.35+6106*0.90
12815 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+5000*1.35+6107*0.90

Combinations	Case nature	Definition
12816 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+5000*1.35+6108*0.90
12817 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+5000*1.35+6101*0.90
12818 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+5000*1.35+6102*0.90
12819 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+5000*1.35+6103*0.90
12820 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+5000*1.35+6104*0.90
12821 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+5000*1.35+6105*0.90
12822 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+5000*1.35+6106*0.90
12823 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+5000*1.35+6107*0.90
12824 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+5000*1.35+6108*0.90
12825 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+5000*1.35+6101*0.90
12826 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+5000*1.35+6102*0.90
12827 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+5000*1.35+6103*0.90
12828 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+5000*1.35+6104*0.90
12829 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+5000*1.35+6105*0.90
12830 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+5000*1.35+6106*0.90
12831 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+5000*1.35+6107*0.90
12832 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+5000*1.35+6108*0.90
12833 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+5000*1.35+6101*0.90
12834 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+5000*1.35+6102*0.90
12835 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+5000*1.35+6103*0.90
12836 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+5000*1.35+6104*0.90
12837 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+5000*1.35+6105*0.90
12838 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+5000*1.35+6106*0.90
12839 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+5000*1.35+6107*0.90
12840 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+5000*1.35+6108*0.90
12841 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+5000*1.35+6101*0.90
12842 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+5000*1.35+6102*0.90
12843 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+5000*1.35+6103*0.90
12844 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+5000*1.35+6104*0.90
12845 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+5000*1.35+6105*0.90
12846 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+5000*1.35+6106*0.90
12847 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+5000*1.35+6107*0.90
12848 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+5000*1.35+6108*0.90
12849 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+5000*1.35+6101*0.90
12850 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+5000*1.35+6102*0.90
12851 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+5000*1.35+6103*0.90
12852 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+5000*1.35+6104*0.90
12853 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+5000*1.35+6105*0.90
12854 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+5000*1.35+6106*0.90
12855 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+5000*1.35+6107*0.90
12856 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+5000*1.35+6108*0.90
12857 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+5000*1.35+6101*0.90
12858 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+5000*1.35+6102*0.90
12859 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+5000*1.35+6103*0.90
12860 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+5000*1.35+6104*0.90
12861 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+5000*1.35+6105*0.90
12862 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+5000*1.35+6106*0.90
12863 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+5000*1.35+6107*0.90
12864 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+5000*1.35+6108*0.90
12865 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+5000*1.35+6101*0.90
12866 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+5000*1.35+6102*0.90
12867 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+5000*1.35+6103*0.90

Combinations	Case nature	Definition
12868 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+5000*1.35+6104*0.90
12869 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+5000*1.35+6105*0.90
12870 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+5000*1.35+6106*0.90
12871 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+5000*1.35+6107*0.90
12872 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+5000*1.35+6108*0.90
12873 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+5000*1.35+6101*0.90
12874 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+5000*1.35+6102*0.90
12875 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+5000*1.35+6103*0.90
12876 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+5000*1.35+6104*0.90
12877 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+5000*1.35+6105*0.90
12878 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+5000*1.35+6106*0.90
12879 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+5000*1.35+6107*0.90
12880 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+5000*1.35+6108*0.90
12881 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+5000*1.35+6101*0.90
12882 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+5000*1.35+6102*0.90
12883 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+5000*1.35+6103*0.90
12884 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+5000*1.35+6104*0.90
12885 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+5000*1.35+6105*0.90
12886 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+5000*1.35+6106*0.90
12887 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+5000*1.35+6107*0.90
12888 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+5000*1.35+6108*0.90
12889 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+5000*1.35+6101*0.90
12890 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+5000*1.35+6102*0.90
12891 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+5000*1.35+6103*0.90
12892 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+5000*1.35+6104*0.90
12893 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+5000*1.35+6105*0.90
12894 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+5000*1.35+6106*0.90
12895 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+5000*1.35+6107*0.90
12896 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+5000*1.35+6108*0.90
12897 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+5000*1.35+6101*0.90
12898 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+5000*1.35+6102*0.90
12899 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+5000*1.35+6103*0.90
12900 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+5000*1.35+6104*0.90
12901 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+5000*1.35+6105*0.90
12902 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+5000*1.35+6106*0.90
12903 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+5000*1.35+6107*0.90
12904 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+5000*1.35+6108*0.90
12905 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+5000*1.35+6101*0.90
12906 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+5000*1.35+6102*0.90
12907 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+5000*1.35+6103*0.90
12908 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+5000*1.35+6104*0.90
12909 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+5000*1.35+6105*0.90
12910 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+5000*1.35+6106*0.90
12911 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+5000*1.35+6107*0.90
12912 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+5000*1.35+6108*0.90
12913 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+5000*1.35+6101*0.90
12914 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+5000*1.35+6102*0.90
12915 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+5000*1.35+6103*0.90
12916 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+5000*1.35+6104*0.90
12917 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+5000*1.35+6105*0.90
12918 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+5000*1.35+6106*0.90
12919 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+5000*1.35+6107*0.90

Combinations	Case nature	Definition
12920 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+5000*1.35+6108*0.90
12921 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+5000*1.35+6101*0.90
12922 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+5000*1.35+6102*0.90
12923 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+5000*1.35+6103*0.90
12924 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+5000*1.35+6104*0.90
12925 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+5000*1.35+6105*0.90
12926 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+5000*1.35+6106*0.90
12927 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+5000*1.35+6107*0.90
12928 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+5000*1.35+6108*0.90
12929 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+5000*1.35+6101*0.90
12930 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+5000*1.35+6102*0.90
12931 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+5000*1.35+6103*0.90
12932 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+5000*1.35+6104*0.90
12933 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+5000*1.35+6105*0.90
12934 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+5000*1.35+6106*0.90
12935 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+5000*1.35+6107*0.90
12936 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+5000*1.35+6108*0.90
12937 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+5000*1.35+6101*0.90
12938 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+5000*1.35+6102*0.90
12939 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+5000*1.35+6103*0.90
12940 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+5000*1.35+6104*0.90
12941 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+5000*1.35+6105*0.90
12942 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+5000*1.35+6106*0.90
12943 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+5000*1.35+6107*0.90
12944 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+5000*1.35+6108*0.90
12945 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+5000*1.35+6101*0.90
12946 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+5000*1.35+6102*0.90
12947 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+5000*1.35+6103*0.90
12948 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+5000*1.35+6104*0.90
12949 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+5000*1.35+6105*0.90
12950 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+5000*1.35+6106*0.90
12951 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+5000*1.35+6107*0.90
12952 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+5000*1.35+6108*0.90
12953 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+5000*1.35+6101*0.90
12954 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+5000*1.35+6102*0.90
12955 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+5000*1.35+6103*0.90
12956 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+5000*1.35+6104*0.90
12957 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+5000*1.35+6105*0.90
12958 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+5000*1.35+6106*0.90
12959 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+5000*1.35+6107*0.90
12960 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+5000*1.35+6108*0.90
12961 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+5000*1.35+6101*0.90
12962 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+5000*1.35+6102*0.90
12963 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+5000*1.35+6103*0.90
12964 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+5000*1.35+6104*0.90
12965 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+5000*1.35+6105*0.90
12966 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+5000*1.35+6106*0.90
12967 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+5000*1.35+6107*0.90
12968 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+5000*1.35+6108*0.90
12969 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+5000*1.35+6101*0.90
12970 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+5000*1.35+6102*0.90
12971 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+5000*1.35+6103*0.90

Combinations	Case nature	Definition
12972 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+5000*1.35+6104*0.90
12973 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+5000*1.35+6105*0.90
12974 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+5000*1.35+6106*0.90
12975 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+5000*1.35+6107*0.90
12976 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+5000*1.35+6108*0.90
12977 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+5000*1.35+6101*0.90
12978 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+5000*1.35+6102*0.90
12979 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+5000*1.35+6103*0.90
12980 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+5000*1.35+6104*0.90
12981 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+5000*1.35+6105*0.90
12982 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+5000*1.35+6106*0.90
12983 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+5000*1.35+6107*0.90
12984 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+5000*1.35+6108*0.90
12985 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+5000*1.35+6101*0.90
12986 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+5000*1.35+6102*0.90
12987 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+5000*1.35+6103*0.90
12988 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+5000*1.35+6104*0.90
12989 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+5000*1.35+6105*0.90
12990 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+5000*1.35+6106*0.90
12991 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+5000*1.35+6107*0.90
12992 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+5000*1.35+6108*0.90
12993 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+5000*1.35+6101*0.90
12994 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+5000*1.35+6102*0.90
12995 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+5000*1.35+6103*0.90
12996 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+5000*1.35+6104*0.90
12997 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+5000*1.35+6105*0.90
12998 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+5000*1.35+6106*0.90
12999 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+5000*1.35+6107*0.90
13000 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+5000*1.35+6108*0.90
13001 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+5000*1.35+6101*0.90
13002 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+5000*1.35+6102*0.90
13003 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+5000*1.35+6103*0.90
13004 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+5000*1.35+6104*0.90
13005 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+5000*1.35+6105*0.90
13006 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+5000*1.35+6106*0.90
13007 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+5000*1.35+6107*0.90
13008 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+5000*1.35+6108*0.90
13009 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+5000*1.35+6101*0.90
13010 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+5000*1.35+6102*0.90
13011 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+5000*1.35+6103*0.90
13012 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+5000*1.35+6104*0.90
13013 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+5000*1.35+6105*0.90
13014 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+5000*1.35+6106*0.90
13015 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+5000*1.35+6107*0.90
13016 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+5000*1.35+6108*0.90
13017 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+5000*1.35+6101*0.90
13018 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+5000*1.35+6102*0.90
13019 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+5000*1.35+6103*0.90
13020 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+5000*1.35+6104*0.90
13021 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+5000*1.35+6105*0.90
13022 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+5000*1.35+6106*0.90
13023 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+5000*1.35+6107*0.90

Combinations	Case nature	Definition
13024 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+5000*1.35+6108*0.90
13025 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+5000*1.35+6101*0.90
13026 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+5000*1.35+6102*0.90
13027 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+5000*1.35+6103*0.90
13028 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+5000*1.35+6104*0.90
13029 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+5000*1.35+6105*0.90
13030 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+5000*1.35+6106*0.90
13031 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+5000*1.35+6107*0.90
13032 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+5000*1.35+6108*0.90
13033 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+5000*1.35+6101*0.90
13034 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+5000*1.35+6102*0.90
13035 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+5000*1.35+6103*0.90
13036 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+5000*1.35+6104*0.90
13037 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+5000*1.35+6105*0.90
13038 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+5000*1.35+6106*0.90
13039 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+5000*1.35+6107*0.90
13040 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+5000*1.35+6108*0.90
13041 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+5000*1.35+6101*0.90
13042 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+5000*1.35+6102*0.90
13043 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+5000*1.35+6103*0.90
13044 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+5000*1.35+6104*0.90
13045 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+5000*1.35+6105*0.90
13046 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+5000*1.35+6106*0.90
13047 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+5000*1.35+6107*0.90
13048 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+5000*1.35+6108*0.90
13049 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+5000*1.35+6101*0.90
13050 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+5000*1.35+6102*0.90
13051 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+5000*1.35+6103*0.90
13052 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+5000*1.35+6104*0.90
13053 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+5000*1.35+6105*0.90
13054 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+5000*1.35+6106*0.90
13055 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+5000*1.35+6107*0.90
13056 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+5000*1.35+6108*0.90
13057 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+5000*1.35+6101*0.90
13058 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+5000*1.35+6102*0.90
13059 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+5000*1.35+6103*0.90
13060 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+5000*1.35+6104*0.90
13061 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+5000*1.35+6105*0.90
13062 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+5000*1.35+6106*0.90
13063 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+5000*1.35+6107*0.90
13064 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+5000*1.35+6108*0.90
13065 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+5000*1.35+6101*0.90
13066 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+5000*1.35+6102*0.90
13067 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+5000*1.35+6103*0.90
13068 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+5000*1.35+6104*0.90
13069 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+5000*1.35+6105*0.90
13070 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+5000*1.35+6106*0.90
13071 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+5000*1.35+6107*0.90
13072 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+5000*1.35+6108*0.90
13073 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+5000*1.35+6101*0.90
13074 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+5000*1.35+6102*0.90
13075 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+5000*1.35+6103*0.90

Combinations	Case nature	Definition
13076 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+5000*1.35+6104*0.90
13077 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+5000*1.35+6105*0.90
13078 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+5000*1.35+6106*0.90
13079 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+5000*1.35+6107*0.90
13080 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+5000*1.35+6108*0.90
13081 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+5000*1.35+6101*0.90
13082 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+5000*1.35+6102*0.90
13083 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+5000*1.35+6103*0.90
13084 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+5000*1.35+6104*0.90
13085 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+5000*1.35+6105*0.90
13086 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+5000*1.35+6106*0.90
13087 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+5000*1.35+6107*0.90
13088 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+5000*1.35+6108*0.90
13089 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+5000*1.35+6101*0.90
13090 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+5000*1.35+6102*0.90
13091 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+5000*1.35+6103*0.90
13092 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+5000*1.35+6104*0.90
13093 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+5000*1.35+6105*0.90
13094 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+5000*1.35+6106*0.90
13095 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+5000*1.35+6107*0.90
13096 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+5000*1.35+6108*0.90
13097 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+5000*1.35+6101*0.90
13098 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+5000*1.35+6102*0.90
13099 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+5000*1.35+6103*0.90
13100 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+5000*1.35+6104*0.90
13101 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+5000*1.35+6105*0.90
13102 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+5000*1.35+6106*0.90
13103 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+5000*1.35+6107*0.90
13104 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+5000*1.35+6108*0.90
13105 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+5000*1.35+6101*0.90
13106 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+5000*1.35+6102*0.90
13107 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+5000*1.35+6103*0.90
13108 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+5000*1.35+6104*0.90
13109 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+5000*1.35+6105*0.90
13110 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+5000*1.35+6106*0.90
13111 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+5000*1.35+6107*0.90
13112 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+5000*1.35+6108*0.90
13113 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+5000*1.35+6101*0.90
13114 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+5000*1.35+6102*0.90
13115 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+5000*1.35+6103*0.90
13116 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+5000*1.35+6104*0.90
13117 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+5000*1.35+6105*0.90
13118 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+5000*1.35+6106*0.90
13119 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+5000*1.35+6107*0.90
13120 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+5000*1.35+6108*0.90
13121 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+5000*1.35+6101*0.90
13122 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+5000*1.35+6102*0.90
13123 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+5000*1.35+6103*0.90
13124 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+5000*1.35+6104*0.90
13125 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+5000*1.35+6105*0.90
13126 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+5000*1.35+6106*0.90
13127 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+5000*1.35+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
13128 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+5000*1.35+6108*0.90
13129 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+5000*1.35+6101*0.90
13130 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+5000*1.35+6102*0.90
13131 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+5000*1.35+6103*0.90
13132 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+5000*1.35+6104*0.90
13133 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+5000*1.35+6105*0.90
13134 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+5000*1.35+6106*0.90
13135 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+5000*1.35+6107*0.90
13136 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+5000*1.35+6108*0.90
13137 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+5000*1.35+6101*0.90
13138 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+5000*1.35+6102*0.90
13139 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+5000*1.35+6103*0.90
13140 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+5000*1.35+6104*0.90
13141 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+5000*1.35+6105*0.90
13142 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+5000*1.35+6106*0.90
13143 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+5000*1.35+6107*0.90
13144 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+5000*1.35+6108*0.90
13145 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+5000*1.35+6101*0.90
13146 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+5000*1.35+6102*0.90
13147 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+5000*1.35+6103*0.90
13148 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+5000*1.35+6104*0.90
13149 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+5000*1.35+6105*0.90
13150 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+5000*1.35+6106*0.90
13151 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+5000*1.35+6107*0.90
13152 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+5000*1.35+6108*0.90
13153 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+5000*1.35+6101*0.90
13154 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+5000*1.35+6102*0.90
13155 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+5000*1.35+6103*0.90
13156 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+5000*1.35+6104*0.90
13157 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+5000*1.35+6105*0.90
13158 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+5000*1.35+6106*0.90
13159 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+5000*1.35+6107*0.90
13160 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+5000*1.35+6108*0.90
13161 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+5000*1.35+6101*0.90
13162 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+5000*1.35+6102*0.90
13163 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+5000*1.35+6103*0.90
13164 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+5000*1.35+6104*0.90
13165 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+5000*1.35+6105*0.90
13166 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+5000*1.35+6106*0.90
13167 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+5000*1.35+6107*0.90
13168 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+5000*1.35+6108*0.90
13169 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+5000*1.35+6101*0.90
13170 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+5000*1.35+6102*0.90
13171 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+5000*1.35+6103*0.90
13172 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+5000*1.35+6104*0.90
13173 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+5000*1.35+6105*0.90
13174 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+5000*1.35+6106*0.90
13175 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+5000*1.35+6107*0.90
13176 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+5000*1.35+6108*0.90
13177 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+5000*1.35+6101*0.90
13178 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+5000*1.35+6102*0.90
13179 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+5000*1.35+6103*0.90

Combinations	Case nature	Definition
13180 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+5000*1.35+6104*0.90
13181 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+5000*1.35+6105*0.90
13182 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+5000*1.35+6106*0.90
13183 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+5000*1.35+6107*0.90
13184 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+5000*1.35+6108*0.90
13185 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+5000*1.35+6101*0.90
13186 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+5000*1.35+6102*0.90
13187 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+5000*1.35+6103*0.90
13188 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+5000*1.35+6104*0.90
13189 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+5000*1.35+6105*0.90
13190 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+5000*1.35+6106*0.90
13191 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+5000*1.35+6107*0.90
13192 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+5000*1.35+6108*0.90
13193 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+5000*1.35+6101*0.90
13194 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+5000*1.35+6102*0.90
13195 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+5000*1.35+6103*0.90
13196 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+5000*1.35+6104*0.90
13197 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+5000*1.35+6105*0.90
13198 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+5000*1.35+6106*0.90
13199 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+5000*1.35+6107*0.90
13200 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+5000*1.35+6108*0.90
13201 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+5000*1.35+6101*0.90
13202 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+5000*1.35+6102*0.90
13203 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+5000*1.35+6103*0.90
13204 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+5000*1.35+6104*0.90
13205 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+5000*1.35+6105*0.90
13206 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+5000*1.35+6106*0.90
13207 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+5000*1.35+6107*0.90
13208 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+5000*1.35+6108*0.90
13209 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+5000*1.35+6101*0.90
13210 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+5000*1.35+6102*0.90
13211 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+5000*1.35+6103*0.90
13212 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+5000*1.35+6104*0.90
13213 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+5000*1.35+6105*0.90
13214 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+5000*1.35+6106*0.90
13215 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+5000*1.35+6107*0.90
13216 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+5000*1.35+6108*0.90
13217 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+5000*1.35+6101*0.90
13218 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+5000*1.35+6102*0.90
13219 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+5000*1.35+6103*0.90
13220 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+5000*1.35+6104*0.90
13221 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+5000*1.35+6105*0.90
13222 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+5000*1.35+6106*0.90
13223 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+5000*1.35+6107*0.90
13224 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+5000*1.35+6108*0.90
13225 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+5000*1.35+6101*0.90
13226 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+5000*1.35+6102*0.90
13227 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+5000*1.35+6103*0.90
13228 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+5000*1.35+6104*0.90
13229 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+5000*1.35+6105*0.90
13230 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+5000*1.35+6106*0.90
13231 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+5000*1.35+6107*0.90

Combinations	Case nature	Definition
13232 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+5000*1.35+6108*0.90
13233 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+5000*1.35+6101*0.90
13234 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+5000*1.35+6102*0.90
13235 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+5000*1.35+6103*0.90
13236 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+5000*1.35+6104*0.90
13237 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+5000*1.35+6105*0.90
13238 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+5000*1.35+6106*0.90
13239 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+5000*1.35+6107*0.90
13240 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+5000*1.35+6108*0.90
13241 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+5000*1.35+6101*0.90
13242 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+5000*1.35+6102*0.90
13243 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+5000*1.35+6103*0.90
13244 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+5000*1.35+6104*0.90
13245 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+5000*1.35+6105*0.90
13246 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+5000*1.35+6106*0.90
13247 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+5000*1.35+6107*0.90
13248 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+5000*1.35+6108*0.90
13249 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+5000*1.35+6101*0.90
13250 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+5000*1.35+6102*0.90
13251 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+5000*1.35+6103*0.90
13252 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+5000*1.35+6104*0.90
13253 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+5000*1.35+6105*0.90
13254 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+5000*1.35+6106*0.90
13255 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+5000*1.35+6107*0.90
13256 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+5000*1.35+6108*0.90
13257 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+5000*1.35+6101*0.90
13258 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+5000*1.35+6102*0.90
13259 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+5000*1.35+6103*0.90
13260 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+5000*1.35+6104*0.90
13261 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+5000*1.35+6105*0.90
13262 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+5000*1.35+6106*0.90
13263 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+5000*1.35+6107*0.90
13264 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+5000*1.35+6108*0.90
13265 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+5000*1.35+6101*0.90
13266 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+5000*1.35+6102*0.90
13267 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+5000*1.35+6103*0.90
13268 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+5000*1.35+6104*0.90
13269 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+5000*1.35+6105*0.90
13270 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+5000*1.35+6106*0.90
13271 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+5000*1.35+6107*0.90
13272 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+5000*1.35+6108*0.90
13273 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+5000*1.35+6101*0.90
13274 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+5000*1.35+6102*0.90
13275 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+5000*1.35+6103*0.90
13276 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+5000*1.35+6104*0.90
13277 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+5000*1.35+6105*0.90
13278 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+5000*1.35+6106*0.90
13279 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+5000*1.35+6107*0.90
13280 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+5000*1.35+6108*0.90
13281 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+5000*1.35+6101*0.90
13282 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+5000*1.35+6102*0.90
13283 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+5000*1.35+6103*0.90

Combinations	Case nature	Definition
13284 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+5000*1.35+6104*0.90
13285 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+5000*1.35+6105*0.90
13286 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+5000*1.35+6106*0.90
13287 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+5000*1.35+6107*0.90
13288 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+5000*1.35+6108*0.90
13289 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+5000*1.35+6101*0.90
13290 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+5000*1.35+6102*0.90
13291 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+5000*1.35+6103*0.90
13292 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+5000*1.35+6104*0.90
13293 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+5000*1.35+6105*0.90
13294 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+5000*1.35+6106*0.90
13295 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+5000*1.35+6107*0.90
13296 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+5000*1.35+6108*0.90
13297 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+5000*1.35+6101*0.90
13298 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+5000*1.35+6102*0.90
13299 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+5000*1.35+6103*0.90
13300 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+5000*1.35+6104*0.90
13301 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+5000*1.35+6105*0.90
13302 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+5000*1.35+6106*0.90
13303 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+5000*1.35+6107*0.90
13304 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+5000*1.35+6108*0.90
13305 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+5000*1.35+6101*0.90
13306 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+5000*1.35+6102*0.90
13307 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+5000*1.35+6103*0.90
13308 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+5000*1.35+6104*0.90
13309 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+5000*1.35+6105*0.90
13310 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+5000*1.35+6106*0.90
13311 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+5000*1.35+6107*0.90
13312 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+5000*1.35+6108*0.90
13313 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+5000*1.35+6101*0.90
13314 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+5000*1.35+6102*0.90
13315 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+5000*1.35+6103*0.90
13316 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+5000*1.35+6104*0.90
13317 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+5000*1.35+6105*0.90
13318 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+5000*1.35+6106*0.90
13319 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+5000*1.35+6107*0.90
13320 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+5000*1.35+6108*0.90
13321 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+5000*1.35+6101*0.90
13322 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+5000*1.35+6102*0.90
13323 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+5000*1.35+6103*0.90
13324 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+5000*1.35+6104*0.90
13325 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+5000*1.35+6105*0.90
13326 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+5000*1.35+6106*0.90
13327 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+5000*1.35+6107*0.90
13328 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+5000*1.35+6108*0.90
13329 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+5000*1.35+6101*0.90
13330 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+5000*1.35+6102*0.90
13331 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+5000*1.35+6103*0.90
13332 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+5000*1.35+6104*0.90
13333 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+5000*1.35+6105*0.90
13334 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+5000*1.35+6106*0.90
13335 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+5000*1.35+6107*0.90

Combinations	Case nature	Definition
13336 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+5000*1.35+6108*0.90
13337 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+5000*1.35+6101*0.90
13338 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+5000*1.35+6102*0.90
13339 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+5000*1.35+6103*0.90
13340 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+5000*1.35+6104*0.90
13341 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+5000*1.35+6105*0.90
13342 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+5000*1.35+6106*0.90
13343 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+5000*1.35+6107*0.90
13344 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+5000*1.35+6108*0.90
13345 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+5000*1.35+6101*0.90
13346 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+5000*1.35+6102*0.90
13347 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+5000*1.35+6103*0.90
13348 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+5000*1.35+6104*0.90
13349 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+5000*1.35+6105*0.90
13350 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+5000*1.35+6106*0.90
13351 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+5000*1.35+6107*0.90
13352 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+5000*1.35+6108*0.90
13353 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+5000*1.35+6101*0.90
13354 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+5000*1.35+6102*0.90
13355 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+5000*1.35+6103*0.90
13356 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+5000*1.35+6104*0.90
13357 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+5000*1.35+6105*0.90
13358 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+5000*1.35+6106*0.90
13359 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+5000*1.35+6107*0.90
13360 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+5000*1.35+6108*0.90
13361 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+5000*1.35+6101*0.90
13362 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+5000*1.35+6102*0.90
13363 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+5000*1.35+6103*0.90
13364 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+5000*1.35+6104*0.90
13365 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+5000*1.35+6105*0.90
13366 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+5000*1.35+6106*0.90
13367 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+5000*1.35+6107*0.90
13368 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+5000*1.35+6108*0.90
13369 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+5000*1.35+6101*0.90
13370 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+5000*1.35+6102*0.90
13371 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+5000*1.35+6103*0.90
13372 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+5000*1.35+6104*0.90
13373 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+5000*1.35+6105*0.90
13374 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+5000*1.35+6106*0.90
13375 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+5000*1.35+6107*0.90
13376 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+5000*1.35+6108*0.90
13377 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+5000*1.35+6101*0.90
13378 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+5000*1.35+6102*0.90
13379 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+5000*1.35+6103*0.90
13380 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+5000*1.35+6104*0.90
13381 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+5000*1.35+6105*0.90
13382 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+5000*1.35+6106*0.90
13383 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+5000*1.35+6107*0.90
13384 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+5000*1.35+6108*0.90
13385 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+5000*1.35+6101*0.90
13386 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+5000*1.35+6102*0.90
13387 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+5000*1.35+6103*0.90

Combinations	Case nature	Definition
13388 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+5000*1.35+6104*0.90
13389 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+5000*1.35+6105*0.90
13390 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+5000*1.35+6106*0.90
13391 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+5000*1.35+6107*0.90
13392 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+5000*1.35+6108*0.90
13393 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+5000*1.35+6101*0.90
13394 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+5000*1.35+6102*0.90
13395 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+5000*1.35+6103*0.90
13396 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+5000*1.35+6104*0.90
13397 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+5000*1.35+6105*0.90
13398 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+5000*1.35+6106*0.90
13399 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+5000*1.35+6107*0.90
13400 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+5000*1.35+6108*0.90
13401 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+5000*1.35+6101*0.90
13402 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+5000*1.35+6102*0.90
13403 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+5000*1.35+6103*0.90
13404 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+5000*1.35+6104*0.90
13405 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+5000*1.35+6105*0.90
13406 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+5000*1.35+6106*0.90
13407 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+5000*1.35+6107*0.90
13408 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+5000*1.35+6108*0.90
13409 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+5000*1.35+6101*0.90
13410 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+5000*1.35+6102*0.90
13411 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+5000*1.35+6103*0.90
13412 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+5000*1.35+6104*0.90
13413 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+5000*1.35+6105*0.90
13414 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+5000*1.35+6106*0.90
13415 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+5000*1.35+6107*0.90
13416 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+5000*1.35+6108*0.90
13417 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+5000*1.35+6101*0.90
13418 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+5000*1.35+6102*0.90
13419 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+5000*1.35+6103*0.90
13420 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+5000*1.35+6104*0.90
13421 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+5000*1.35+6105*0.90
13422 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+5000*1.35+6106*0.90
13423 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+5000*1.35+6107*0.90
13424 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+5000*1.35+6108*0.90
13425 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+5000*1.35+6101*0.90
13426 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+5000*1.35+6102*0.90
13427 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+5000*1.35+6103*0.90
13428 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+5000*1.35+6104*0.90
13429 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+5000*1.35+6105*0.90
13430 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+5000*1.35+6106*0.90
13431 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+5000*1.35+6107*0.90
13432 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+5000*1.35+6108*0.90
13433 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+5000*1.35+6101*0.90
13434 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+5000*1.35+6102*0.90
13435 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+5000*1.35+6103*0.90
13436 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+5000*1.35+6104*0.90
13437 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+5000*1.35+6105*0.90
13438 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+5000*1.35+6106*0.90
13439 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+5000*1.35+6107*0.90

Combinations	Case nature	Definition
13440 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+5000*1.35+6108*0.90
13441 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+5000*1.35+6101*0.90
13442 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+5000*1.35+6102*0.90
13443 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+5000*1.35+6103*0.90
13444 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+5000*1.35+6104*0.90
13445 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+5000*1.35+6105*0.90
13446 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+5000*1.35+6106*0.90
13447 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+5000*1.35+6107*0.90
13448 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+5000*1.35+6108*0.90
13449 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+5000*1.35+6101*0.90
13450 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+5000*1.35+6102*0.90
13451 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+5000*1.35+6103*0.90
13452 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+5000*1.35+6104*0.90
13453 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+5000*1.35+6105*0.90
13454 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+5000*1.35+6106*0.90
13455 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+5000*1.35+6107*0.90
13456 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+5000*1.35+6108*0.90
13457 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+5000*1.35+6101*0.90
13458 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+5000*1.35+6102*0.90
13459 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+5000*1.35+6103*0.90
13460 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+5000*1.35+6104*0.90
13461 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+5000*1.35+6105*0.90
13462 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+5000*1.35+6106*0.90
13463 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+5000*1.35+6107*0.90
13464 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+5000*1.35+6108*0.90
13465 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+5000*1.35+6101*0.90
13466 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+5000*1.35+6102*0.90
13467 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+5000*1.35+6103*0.90
13468 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+5000*1.35+6104*0.90
13469 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+5000*1.35+6105*0.90
13470 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+5000*1.35+6106*0.90
13471 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+5000*1.35+6107*0.90
13472 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+5000*1.35+6108*0.90
13473 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+5000*1.35+6101*0.90
13474 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+5000*1.35+6102*0.90
13475 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+5000*1.35+6103*0.90
13476 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+5000*1.35+6104*0.90
13477 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+5000*1.35+6105*0.90
13478 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+5000*1.35+6106*0.90
13479 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+5000*1.35+6107*0.90
13480 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+5000*1.35+6108*0.90
13481 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+5000*1.35+6101*0.90
13482 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+5000*1.35+6102*0.90
13483 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+5000*1.35+6103*0.90
13484 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+5000*1.35+6104*0.90
13485 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+5000*1.35+6105*0.90
13486 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+5000*1.35+6106*0.90
13487 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+5000*1.35+6107*0.90
13488 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+5000*1.35+6108*0.90
13489 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+5000*1.35+6101*0.90
13490 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+5000*1.35+6102*0.90
13491 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+5000*1.35+6103*0.90

Combinations	Case nature	Definition
13492 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+5000*1.35+6104*0.90
13493 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+5000*1.35+6105*0.90
13494 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+5000*1.35+6106*0.90
13495 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+5000*1.35+6107*0.90
13496 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+5000*1.35+6108*0.90
13497 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+5000*1.35+6101*0.90
13498 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+5000*1.35+6102*0.90
13499 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+5000*1.35+6103*0.90
13500 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+5000*1.35+6104*0.90
13501 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+5000*1.35+6105*0.90
13502 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+5000*1.35+6106*0.90
13503 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+5000*1.35+6107*0.90
13504 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+5000*1.35+6108*0.90
13505 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+5000*1.35+6101*0.90
13506 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+5000*1.35+6102*0.90
13507 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+5000*1.35+6103*0.90
13508 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+5000*1.35+6104*0.90
13509 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+5000*1.35+6105*0.90
13510 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+5000*1.35+6106*0.90
13511 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+5000*1.35+6107*0.90
13512 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+5000*1.35+6108*0.90
13513 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+5000*1.35+6101*0.90
13514 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+5000*1.35+6102*0.90
13515 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+5000*1.35+6103*0.90
13516 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+5000*1.35+6104*0.90
13517 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+5000*1.35+6105*0.90
13518 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+5000*1.35+6106*0.90
13519 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+5000*1.35+6107*0.90
13520 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+5000*1.35+6108*0.90
13521 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+5000*1.35+6101*0.90
13522 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+5000*1.35+6102*0.90
13523 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+5000*1.35+6103*0.90
13524 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+5000*1.35+6104*0.90
13525 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+5000*1.35+6105*0.90
13526 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+5000*1.35+6106*0.90
13527 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+5000*1.35+6107*0.90
13528 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+5000*1.35+6108*0.90
13529 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+5000*1.35+6101*0.90
13530 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+5000*1.35+6102*0.90
13531 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+5000*1.35+6103*0.90
13532 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+5000*1.35+6104*0.90
13533 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+5000*1.35+6105*0.90
13534 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+5000*1.35+6106*0.90
13535 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+5000*1.35+6107*0.90
13536 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+5000*1.35+6108*0.90
13537 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+5000*1.35+6101*0.90
13538 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+5000*1.35+6102*0.90
13539 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+5000*1.35+6103*0.90
13540 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+5000*1.35+6104*0.90
13541 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+5000*1.35+6105*0.90
13542 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+5000*1.35+6106*0.90
13543 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+5000*1.35+6107*0.90

Combinations	Case nature	Definition
13544 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+5000*1.35+6108*0.90
13545 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+5000*1.35+6101*0.90
13546 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+5000*1.35+6102*0.90
13547 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+5000*1.35+6103*0.90
13548 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+5000*1.35+6104*0.90
13549 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+5000*1.35+6105*0.90
13550 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+5000*1.35+6106*0.90
13551 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+5000*1.35+6107*0.90
13552 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+5000*1.35+6108*0.90
13553 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+5000*1.35+6101*0.90
13554 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+5000*1.35+6102*0.90
13555 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+5000*1.35+6103*0.90
13556 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+5000*1.35+6104*0.90
13557 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+5000*1.35+6105*0.90
13558 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+5000*1.35+6106*0.90
13559 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+5000*1.35+6107*0.90
13560 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+5000*1.35+6108*0.90
13561 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+5000*1.35+6101*0.90
13562 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+5000*1.35+6102*0.90
13563 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+5000*1.35+6103*0.90
13564 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+5000*1.35+6104*0.90
13565 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+5000*1.35+6105*0.90
13566 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+5000*1.35+6106*0.90
13567 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+5000*1.35+6107*0.90
13568 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+5000*1.35+6108*0.90
13569 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+5000*1.35+6101*0.90
13570 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+5000*1.35+6102*0.90
13571 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+5000*1.35+6103*0.90
13572 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+5000*1.35+6104*0.90
13573 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+5000*1.35+6105*0.90
13574 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+5000*1.35+6106*0.90
13575 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+5000*1.35+6107*0.90
13576 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+5000*1.35+6108*0.90
13577 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+5000*1.35+6101*0.90
13578 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+5000*1.35+6102*0.90
13579 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+5000*1.35+6103*0.90
13580 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+5000*1.35+6104*0.90
13581 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+5000*1.35+6105*0.90
13582 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+5000*1.35+6106*0.90
13583 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+5000*1.35+6107*0.90
13584 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+5000*1.35+6108*0.90
13585 (C)	Structural	(9002+5000)*1.35+4000*0.54+5001*1.01+4100*0.27+6101*0.90
13586 (C)	Structural	(9002+5000)*1.35+4000*0.54+5001*1.01+4100*0.27+6102*0.90
13587 (C)	Structural	(9002+5000)*1.35+4000*0.54+5001*1.01+4100*0.27+6103*0.90
13588 (C)	Structural	(9002+5000)*1.35+4000*0.54+5001*1.01+4100*0.27+6104*0.90
13589 (C)	Structural	(9002+5000)*1.35+4000*0.54+5001*1.01+4100*0.27+6105*0.90
13590 (C)	Structural	(9002+5000)*1.35+4000*0.54+5001*1.01+4100*0.27+6106*0.90
13591 (C)	Structural	(9002+5000)*1.35+4000*0.54+5001*1.01+4100*0.27+6107*0.90
13592 (C)	Structural	(9002+5000)*1.35+4000*0.54+5001*1.01+4100*0.27+6108*0.90
13593 (C)	Structural	(9002+5000)*1.35+4000*0.54+5002*1.01+4100*0.27+6101*0.90
13594 (C)	Structural	(9002+5000)*1.35+4000*0.54+5002*1.01+4100*0.27+6102*0.90
13595 (C)	Structural	(9002+5000)*1.35+4000*0.54+5002*1.01+4100*0.27+6103*0.90

Combinations	Case nature	Definition
13596 (C)	Structural	(9002+5000)*1.35+4000*0.54+5002*1.01+4100*0.27+6104*0.90
13597 (C)	Structural	(9002+5000)*1.35+4000*0.54+5002*1.01+4100*0.27+6105*0.90
13598 (C)	Structural	(9002+5000)*1.35+4000*0.54+5002*1.01+4100*0.27+6106*0.90
13599 (C)	Structural	(9002+5000)*1.35+4000*0.54+5002*1.01+4100*0.27+6107*0.90
13600 (C)	Structural	(9002+5000)*1.35+4000*0.54+5002*1.01+4100*0.27+6108*0.90
13601 (C)	Structural	(9002+5000)*1.35+4000*0.54+5003*1.01+4100*0.27+6101*0.90
13602 (C)	Structural	(9002+5000)*1.35+4000*0.54+5003*1.01+4100*0.27+6102*0.90
13603 (C)	Structural	(9002+5000)*1.35+4000*0.54+5003*1.01+4100*0.27+6103*0.90
13604 (C)	Structural	(9002+5000)*1.35+4000*0.54+5003*1.01+4100*0.27+6104*0.90
13605 (C)	Structural	(9002+5000)*1.35+4000*0.54+5003*1.01+4100*0.27+6105*0.90
13606 (C)	Structural	(9002+5000)*1.35+4000*0.54+5003*1.01+4100*0.27+6106*0.90
13607 (C)	Structural	(9002+5000)*1.35+4000*0.54+5003*1.01+4100*0.27+6107*0.90
13608 (C)	Structural	(9002+5000)*1.35+4000*0.54+5003*1.01+4100*0.27+6108*0.90
13609 (C)	Structural	(9002+5000)*1.35+4000*0.54+5004*1.01+4100*0.27+6101*0.90
13610 (C)	Structural	(9002+5000)*1.35+4000*0.54+5004*1.01+4100*0.27+6102*0.90
13611 (C)	Structural	(9002+5000)*1.35+4000*0.54+5004*1.01+4100*0.27+6103*0.90
13612 (C)	Structural	(9002+5000)*1.35+4000*0.54+5004*1.01+4100*0.27+6104*0.90
13613 (C)	Structural	(9002+5000)*1.35+4000*0.54+5004*1.01+4100*0.27+6105*0.90
13614 (C)	Structural	(9002+5000)*1.35+4000*0.54+5004*1.01+4100*0.27+6106*0.90
13615 (C)	Structural	(9002+5000)*1.35+4000*0.54+5004*1.01+4100*0.27+6107*0.90
13616 (C)	Structural	(9002+5000)*1.35+4000*0.54+5004*1.01+4100*0.27+6108*0.90
13617 (C)	Structural	(9002+5000)*1.35+4000*0.54+5005*1.01+4100*0.27+6101*0.90
13618 (C)	Structural	(9002+5000)*1.35+4000*0.54+5005*1.01+4100*0.27+6102*0.90
13619 (C)	Structural	(9002+5000)*1.35+4000*0.54+5005*1.01+4100*0.27+6103*0.90
13620 (C)	Structural	(9002+5000)*1.35+4000*0.54+5005*1.01+4100*0.27+6104*0.90
13621 (C)	Structural	(9002+5000)*1.35+4000*0.54+5005*1.01+4100*0.27+6105*0.90
13622 (C)	Structural	(9002+5000)*1.35+4000*0.54+5005*1.01+4100*0.27+6106*0.90
13623 (C)	Structural	(9002+5000)*1.35+4000*0.54+5005*1.01+4100*0.27+6107*0.90
13624 (C)	Structural	(9002+5000)*1.35+4000*0.54+5005*1.01+4100*0.27+6108*0.90
13625 (C)	Structural	(9002+5000)*1.35+4000*0.54+5006*1.01+4100*0.27+6101*0.90
13626 (C)	Structural	(9002+5000)*1.35+4000*0.54+5006*1.01+4100*0.27+6102*0.90
13627 (C)	Structural	(9002+5000)*1.35+4000*0.54+5006*1.01+4100*0.27+6103*0.90
13628 (C)	Structural	(9002+5000)*1.35+4000*0.54+5006*1.01+4100*0.27+6104*0.90
13629 (C)	Structural	(9002+5000)*1.35+4000*0.54+5006*1.01+4100*0.27+6105*0.90
13630 (C)	Structural	(9002+5000)*1.35+4000*0.54+5006*1.01+4100*0.27+6106*0.90
13631 (C)	Structural	(9002+5000)*1.35+4000*0.54+5006*1.01+4100*0.27+6107*0.90
13632 (C)	Structural	(9002+5000)*1.35+4000*0.54+5006*1.01+4100*0.27+6108*0.90
13633 (C)	Structural	(9002+5000)*1.35+4000*0.54+5007*1.01+4100*0.27+6101*0.90
13634 (C)	Structural	(9002+5000)*1.35+4000*0.54+5007*1.01+4100*0.27+6102*0.90
13635 (C)	Structural	(9002+5000)*1.35+4000*0.54+5007*1.01+4100*0.27+6103*0.90
13636 (C)	Structural	(9002+5000)*1.35+4000*0.54+5007*1.01+4100*0.27+6104*0.90
13637 (C)	Structural	(9002+5000)*1.35+4000*0.54+5007*1.01+4100*0.27+6105*0.90
13638 (C)	Structural	(9002+5000)*1.35+4000*0.54+5007*1.01+4100*0.27+6106*0.90
13639 (C)	Structural	(9002+5000)*1.35+4000*0.54+5007*1.01+4100*0.27+6107*0.90
13640 (C)	Structural	(9002+5000)*1.35+4000*0.54+5007*1.01+4100*0.27+6108*0.90
13641 (C)	Structural	(9002+5000)*1.35+4001*0.54+5001*1.01+4101*0.27+6101*0.90
13642 (C)	Structural	(9002+5000)*1.35+4001*0.54+5001*1.01+4101*0.27+6102*0.90
13643 (C)	Structural	(9002+5000)*1.35+4001*0.54+5001*1.01+4101*0.27+6103*0.90
13644 (C)	Structural	(9002+5000)*1.35+4001*0.54+5001*1.01+4101*0.27+6104*0.90
13645 (C)	Structural	(9002+5000)*1.35+4001*0.54+5001*1.01+4101*0.27+6105*0.90
13646 (C)	Structural	(9002+5000)*1.35+4001*0.54+5001*1.01+4101*0.27+6106*0.90
13647 (C)	Structural	(9002+5000)*1.35+4001*0.54+5001*1.01+4101*0.27+6107*0.90

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Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
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Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
13648 (C)	Structural	(9002+5000)*1.35+4001*0.54+5001*1.01+4101*0.27+6108*0.90
13649 (C)	Structural	(9002+5000)*1.35+4001*0.54+5002*1.01+4101*0.27+6101*0.90
13650 (C)	Structural	(9002+5000)*1.35+4001*0.54+5002*1.01+4101*0.27+6102*0.90
13651 (C)	Structural	(9002+5000)*1.35+4001*0.54+5002*1.01+4101*0.27+6103*0.90
13652 (C)	Structural	(9002+5000)*1.35+4001*0.54+5002*1.01+4101*0.27+6104*0.90
13653 (C)	Structural	(9002+5000)*1.35+4001*0.54+5002*1.01+4101*0.27+6105*0.90
13654 (C)	Structural	(9002+5000)*1.35+4001*0.54+5002*1.01+4101*0.27+6106*0.90
13655 (C)	Structural	(9002+5000)*1.35+4001*0.54+5002*1.01+4101*0.27+6107*0.90
13656 (C)	Structural	(9002+5000)*1.35+4001*0.54+5002*1.01+4101*0.27+6108*0.90
13657 (C)	Structural	(9002+5000)*1.35+4001*0.54+5003*1.01+4101*0.27+6101*0.90
13658 (C)	Structural	(9002+5000)*1.35+4001*0.54+5003*1.01+4101*0.27+6102*0.90
13659 (C)	Structural	(9002+5000)*1.35+4001*0.54+5003*1.01+4101*0.27+6103*0.90
13660 (C)	Structural	(9002+5000)*1.35+4001*0.54+5003*1.01+4101*0.27+6104*0.90
13661 (C)	Structural	(9002+5000)*1.35+4001*0.54+5003*1.01+4101*0.27+6105*0.90
13662 (C)	Structural	(9002+5000)*1.35+4001*0.54+5003*1.01+4101*0.27+6106*0.90
13663 (C)	Structural	(9002+5000)*1.35+4001*0.54+5003*1.01+4101*0.27+6107*0.90
13664 (C)	Structural	(9002+5000)*1.35+4001*0.54+5003*1.01+4101*0.27+6108*0.90
13665 (C)	Structural	(9002+5000)*1.35+4001*0.54+5004*1.01+4101*0.27+6101*0.90
13666 (C)	Structural	(9002+5000)*1.35+4001*0.54+5004*1.01+4101*0.27+6102*0.90
13667 (C)	Structural	(9002+5000)*1.35+4001*0.54+5004*1.01+4101*0.27+6103*0.90
13668 (C)	Structural	(9002+5000)*1.35+4001*0.54+5004*1.01+4101*0.27+6104*0.90
13669 (C)	Structural	(9002+5000)*1.35+4001*0.54+5004*1.01+4101*0.27+6105*0.90
13670 (C)	Structural	(9002+5000)*1.35+4001*0.54+5004*1.01+4101*0.27+6106*0.90
13671 (C)	Structural	(9002+5000)*1.35+4001*0.54+5004*1.01+4101*0.27+6107*0.90
13672 (C)	Structural	(9002+5000)*1.35+4001*0.54+5004*1.01+4101*0.27+6108*0.90
13673 (C)	Structural	(9002+5000)*1.35+4001*0.54+5005*1.01+4101*0.27+6101*0.90
13674 (C)	Structural	(9002+5000)*1.35+4001*0.54+5005*1.01+4101*0.27+6102*0.90
13675 (C)	Structural	(9002+5000)*1.35+4001*0.54+5005*1.01+4101*0.27+6103*0.90
13676 (C)	Structural	(9002+5000)*1.35+4001*0.54+5005*1.01+4101*0.27+6104*0.90
13677 (C)	Structural	(9002+5000)*1.35+4001*0.54+5005*1.01+4101*0.27+6105*0.90
13678 (C)	Structural	(9002+5000)*1.35+4001*0.54+5005*1.01+4101*0.27+6106*0.90
13679 (C)	Structural	(9002+5000)*1.35+4001*0.54+5005*1.01+4101*0.27+6107*0.90
13680 (C)	Structural	(9002+5000)*1.35+4001*0.54+5005*1.01+4101*0.27+6108*0.90
13681 (C)	Structural	(9002+5000)*1.35+4001*0.54+5006*1.01+4101*0.27+6101*0.90
13682 (C)	Structural	(9002+5000)*1.35+4001*0.54+5006*1.01+4101*0.27+6102*0.90
13683 (C)	Structural	(9002+5000)*1.35+4001*0.54+5006*1.01+4101*0.27+6103*0.90
13684 (C)	Structural	(9002+5000)*1.35+4001*0.54+5006*1.01+4101*0.27+6104*0.90
13685 (C)	Structural	(9002+5000)*1.35+4001*0.54+5006*1.01+4101*0.27+6105*0.90
13686 (C)	Structural	(9002+5000)*1.35+4001*0.54+5006*1.01+4101*0.27+6106*0.90
13687 (C)	Structural	(9002+5000)*1.35+4001*0.54+5006*1.01+4101*0.27+6107*0.90
13688 (C)	Structural	(9002+5000)*1.35+4001*0.54+5006*1.01+4101*0.27+6108*0.90
13689 (C)	Structural	(9002+5000)*1.35+4001*0.54+5007*1.01+4101*0.27+6101*0.90
13690 (C)	Structural	(9002+5000)*1.35+4001*0.54+5007*1.01+4101*0.27+6102*0.90
13691 (C)	Structural	(9002+5000)*1.35+4001*0.54+5007*1.01+4101*0.27+6103*0.90
13692 (C)	Structural	(9002+5000)*1.35+4001*0.54+5007*1.01+4101*0.27+6104*0.90
13693 (C)	Structural	(9002+5000)*1.35+4001*0.54+5007*1.01+4101*0.27+6105*0.90
13694 (C)	Structural	(9002+5000)*1.35+4001*0.54+5007*1.01+4101*0.27+6106*0.90
13695 (C)	Structural	(9002+5000)*1.35+4001*0.54+5007*1.01+4101*0.27+6107*0.90
13696 (C)	Structural	(9002+5000)*1.35+4001*0.54+5007*1.01+4101*0.27+6108*0.90
13697 (C)	Structural	(9002+5000)*1.35+4002*0.54+5001*1.01+4102*0.27+6101*0.90
13698 (C)	Structural	(9002+5000)*1.35+4002*0.54+5001*1.01+4102*0.27+6102*0.90
13699 (C)	Structural	(9002+5000)*1.35+4002*0.54+5001*1.01+4102*0.27+6103*0.90

Combinations	Case nature	Definition
13700 (C)	Structural	(9002+5000)*1.35+4002*0.54+5001*1.01+4102*0.27+6104*0.90
13701 (C)	Structural	(9002+5000)*1.35+4002*0.54+5001*1.01+4102*0.27+6105*0.90
13702 (C)	Structural	(9002+5000)*1.35+4002*0.54+5001*1.01+4102*0.27+6106*0.90
13703 (C)	Structural	(9002+5000)*1.35+4002*0.54+5001*1.01+4102*0.27+6107*0.90
13704 (C)	Structural	(9002+5000)*1.35+4002*0.54+5001*1.01+4102*0.27+6108*0.90
13705 (C)	Structural	(9002+5000)*1.35+4002*0.54+5002*1.01+4102*0.27+6101*0.90
13706 (C)	Structural	(9002+5000)*1.35+4002*0.54+5002*1.01+4102*0.27+6102*0.90
13707 (C)	Structural	(9002+5000)*1.35+4002*0.54+5002*1.01+4102*0.27+6103*0.90
13708 (C)	Structural	(9002+5000)*1.35+4002*0.54+5002*1.01+4102*0.27+6104*0.90
13709 (C)	Structural	(9002+5000)*1.35+4002*0.54+5002*1.01+4102*0.27+6105*0.90
13710 (C)	Structural	(9002+5000)*1.35+4002*0.54+5002*1.01+4102*0.27+6106*0.90
13711 (C)	Structural	(9002+5000)*1.35+4002*0.54+5002*1.01+4102*0.27+6107*0.90
13712 (C)	Structural	(9002+5000)*1.35+4002*0.54+5002*1.01+4102*0.27+6108*0.90
13713 (C)	Structural	(9002+5000)*1.35+4002*0.54+5003*1.01+4102*0.27+6101*0.90
13714 (C)	Structural	(9002+5000)*1.35+4002*0.54+5003*1.01+4102*0.27+6102*0.90
13715 (C)	Structural	(9002+5000)*1.35+4002*0.54+5003*1.01+4102*0.27+6103*0.90
13716 (C)	Structural	(9002+5000)*1.35+4002*0.54+5003*1.01+4102*0.27+6104*0.90
13717 (C)	Structural	(9002+5000)*1.35+4002*0.54+5003*1.01+4102*0.27+6105*0.90
13718 (C)	Structural	(9002+5000)*1.35+4002*0.54+5003*1.01+4102*0.27+6106*0.90
13719 (C)	Structural	(9002+5000)*1.35+4002*0.54+5003*1.01+4102*0.27+6107*0.90
13720 (C)	Structural	(9002+5000)*1.35+4002*0.54+5003*1.01+4102*0.27+6108*0.90
13721 (C)	Structural	(9002+5000)*1.35+4002*0.54+5004*1.01+4102*0.27+6101*0.90
13722 (C)	Structural	(9002+5000)*1.35+4002*0.54+5004*1.01+4102*0.27+6102*0.90
13723 (C)	Structural	(9002+5000)*1.35+4002*0.54+5004*1.01+4102*0.27+6103*0.90
13724 (C)	Structural	(9002+5000)*1.35+4002*0.54+5004*1.01+4102*0.27+6104*0.90
13725 (C)	Structural	(9002+5000)*1.35+4002*0.54+5004*1.01+4102*0.27+6105*0.90
13726 (C)	Structural	(9002+5000)*1.35+4002*0.54+5004*1.01+4102*0.27+6106*0.90
13727 (C)	Structural	(9002+5000)*1.35+4002*0.54+5004*1.01+4102*0.27+6107*0.90
13728 (C)	Structural	(9002+5000)*1.35+4002*0.54+5004*1.01+4102*0.27+6108*0.90
13729 (C)	Structural	(9002+5000)*1.35+4002*0.54+5005*1.01+4102*0.27+6101*0.90
13730 (C)	Structural	(9002+5000)*1.35+4002*0.54+5005*1.01+4102*0.27+6102*0.90
13731 (C)	Structural	(9002+5000)*1.35+4002*0.54+5005*1.01+4102*0.27+6103*0.90
13732 (C)	Structural	(9002+5000)*1.35+4002*0.54+5005*1.01+4102*0.27+6104*0.90
13733 (C)	Structural	(9002+5000)*1.35+4002*0.54+5005*1.01+4102*0.27+6105*0.90
13734 (C)	Structural	(9002+5000)*1.35+4002*0.54+5005*1.01+4102*0.27+6106*0.90
13735 (C)	Structural	(9002+5000)*1.35+4002*0.54+5005*1.01+4102*0.27+6107*0.90
13736 (C)	Structural	(9002+5000)*1.35+4002*0.54+5005*1.01+4102*0.27+6108*0.90
13737 (C)	Structural	(9002+5000)*1.35+4002*0.54+5006*1.01+4102*0.27+6101*0.90
13738 (C)	Structural	(9002+5000)*1.35+4002*0.54+5006*1.01+4102*0.27+6102*0.90
13739 (C)	Structural	(9002+5000)*1.35+4002*0.54+5006*1.01+4102*0.27+6103*0.90
13740 (C)	Structural	(9002+5000)*1.35+4002*0.54+5006*1.01+4102*0.27+6104*0.90
13741 (C)	Structural	(9002+5000)*1.35+4002*0.54+5006*1.01+4102*0.27+6105*0.90
13742 (C)	Structural	(9002+5000)*1.35+4002*0.54+5006*1.01+4102*0.27+6106*0.90
13743 (C)	Structural	(9002+5000)*1.35+4002*0.54+5006*1.01+4102*0.27+6107*0.90
13744 (C)	Structural	(9002+5000)*1.35+4002*0.54+5006*1.01+4102*0.27+6108*0.90
13745 (C)	Structural	(9002+5000)*1.35+4002*0.54+5007*1.01+4102*0.27+6101*0.90
13746 (C)	Structural	(9002+5000)*1.35+4002*0.54+5007*1.01+4102*0.27+6102*0.90
13747 (C)	Structural	(9002+5000)*1.35+4002*0.54+5007*1.01+4102*0.27+6103*0.90
13748 (C)	Structural	(9002+5000)*1.35+4002*0.54+5007*1.01+4102*0.27+6104*0.90
13749 (C)	Structural	(9002+5000)*1.35+4002*0.54+5007*1.01+4102*0.27+6105*0.90
13750 (C)	Structural	(9002+5000)*1.35+4002*0.54+5007*1.01+4102*0.27+6106*0.90
13751 (C)	Structural	(9002+5000)*1.35+4002*0.54+5007*1.01+4102*0.27+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
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Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
13752 (C)	Structural	(9002+5000)*1.35+4002*0.54+5007*1.01+4102*0.27+6108*0.90
13753 (C)	Structural	(9002+5000)*1.35+4003*0.54+5001*1.01+4103*0.27+6101*0.90
13754 (C)	Structural	(9002+5000)*1.35+4003*0.54+5001*1.01+4103*0.27+6102*0.90
13755 (C)	Structural	(9002+5000)*1.35+4003*0.54+5001*1.01+4103*0.27+6103*0.90
13756 (C)	Structural	(9002+5000)*1.35+4003*0.54+5001*1.01+4103*0.27+6104*0.90
13757 (C)	Structural	(9002+5000)*1.35+4003*0.54+5001*1.01+4103*0.27+6105*0.90
13758 (C)	Structural	(9002+5000)*1.35+4003*0.54+5001*1.01+4103*0.27+6106*0.90
13759 (C)	Structural	(9002+5000)*1.35+4003*0.54+5001*1.01+4103*0.27+6107*0.90
13760 (C)	Structural	(9002+5000)*1.35+4003*0.54+5001*1.01+4103*0.27+6108*0.90
13761 (C)	Structural	(9002+5000)*1.35+4003*0.54+5002*1.01+4103*0.27+6101*0.90
13762 (C)	Structural	(9002+5000)*1.35+4003*0.54+5002*1.01+4103*0.27+6102*0.90
13763 (C)	Structural	(9002+5000)*1.35+4003*0.54+5002*1.01+4103*0.27+6103*0.90
13764 (C)	Structural	(9002+5000)*1.35+4003*0.54+5002*1.01+4103*0.27+6104*0.90
13765 (C)	Structural	(9002+5000)*1.35+4003*0.54+5002*1.01+4103*0.27+6105*0.90
13766 (C)	Structural	(9002+5000)*1.35+4003*0.54+5002*1.01+4103*0.27+6106*0.90
13767 (C)	Structural	(9002+5000)*1.35+4003*0.54+5002*1.01+4103*0.27+6107*0.90
13768 (C)	Structural	(9002+5000)*1.35+4003*0.54+5002*1.01+4103*0.27+6108*0.90
13769 (C)	Structural	(9002+5000)*1.35+4003*0.54+5003*1.01+4103*0.27+6101*0.90
13770 (C)	Structural	(9002+5000)*1.35+4003*0.54+5003*1.01+4103*0.27+6102*0.90
13771 (C)	Structural	(9002+5000)*1.35+4003*0.54+5003*1.01+4103*0.27+6103*0.90
13772 (C)	Structural	(9002+5000)*1.35+4003*0.54+5003*1.01+4103*0.27+6104*0.90
13773 (C)	Structural	(9002+5000)*1.35+4003*0.54+5003*1.01+4103*0.27+6105*0.90
13774 (C)	Structural	(9002+5000)*1.35+4003*0.54+5003*1.01+4103*0.27+6106*0.90
13775 (C)	Structural	(9002+5000)*1.35+4003*0.54+5003*1.01+4103*0.27+6107*0.90
13776 (C)	Structural	(9002+5000)*1.35+4003*0.54+5003*1.01+4103*0.27+6108*0.90
13777 (C)	Structural	(9002+5000)*1.35+4003*0.54+5004*1.01+4103*0.27+6101*0.90
13778 (C)	Structural	(9002+5000)*1.35+4003*0.54+5004*1.01+4103*0.27+6102*0.90
13779 (C)	Structural	(9002+5000)*1.35+4003*0.54+5004*1.01+4103*0.27+6103*0.90
13780 (C)	Structural	(9002+5000)*1.35+4003*0.54+5004*1.01+4103*0.27+6104*0.90
13781 (C)	Structural	(9002+5000)*1.35+4003*0.54+5004*1.01+4103*0.27+6105*0.90
13782 (C)	Structural	(9002+5000)*1.35+4003*0.54+5004*1.01+4103*0.27+6106*0.90
13783 (C)	Structural	(9002+5000)*1.35+4003*0.54+5004*1.01+4103*0.27+6107*0.90
13784 (C)	Structural	(9002+5000)*1.35+4003*0.54+5004*1.01+4103*0.27+6108*0.90
13785 (C)	Structural	(9002+5000)*1.35+4003*0.54+5005*1.01+4103*0.27+6101*0.90
13786 (C)	Structural	(9002+5000)*1.35+4003*0.54+5005*1.01+4103*0.27+6102*0.90
13787 (C)	Structural	(9002+5000)*1.35+4003*0.54+5005*1.01+4103*0.27+6103*0.90
13788 (C)	Structural	(9002+5000)*1.35+4003*0.54+5005*1.01+4103*0.27+6104*0.90
13789 (C)	Structural	(9002+5000)*1.35+4003*0.54+5005*1.01+4103*0.27+6105*0.90
13790 (C)	Structural	(9002+5000)*1.35+4003*0.54+5005*1.01+4103*0.27+6106*0.90
13791 (C)	Structural	(9002+5000)*1.35+4003*0.54+5005*1.01+4103*0.27+6107*0.90
13792 (C)	Structural	(9002+5000)*1.35+4003*0.54+5005*1.01+4103*0.27+6108*0.90
13793 (C)	Structural	(9002+5000)*1.35+4003*0.54+5006*1.01+4103*0.27+6101*0.90
13794 (C)	Structural	(9002+5000)*1.35+4003*0.54+5006*1.01+4103*0.27+6102*0.90
13795 (C)	Structural	(9002+5000)*1.35+4003*0.54+5006*1.01+4103*0.27+6103*0.90
13796 (C)	Structural	(9002+5000)*1.35+4003*0.54+5006*1.01+4103*0.27+6104*0.90
13797 (C)	Structural	(9002+5000)*1.35+4003*0.54+5006*1.01+4103*0.27+6105*0.90
13798 (C)	Structural	(9002+5000)*1.35+4003*0.54+5006*1.01+4103*0.27+6106*0.90
13799 (C)	Structural	(9002+5000)*1.35+4003*0.54+5006*1.01+4103*0.27+6107*0.90
13800 (C)	Structural	(9002+5000)*1.35+4003*0.54+5006*1.01+4103*0.27+6108*0.90
13801 (C)	Structural	(9002+5000)*1.35+4003*0.54+5007*1.01+4103*0.27+6101*0.90
13802 (C)	Structural	(9002+5000)*1.35+4003*0.54+5007*1.01+4103*0.27+6102*0.90
13803 (C)	Structural	(9002+5000)*1.35+4003*0.54+5007*1.01+4103*0.27+6103*0.90

Combinations	Case nature	Definition
13804 (C)	Structural	(9002+5000)*1.35+4003*0.54+5007*1.01+4103*0.27+6104*0.90
13805 (C)	Structural	(9002+5000)*1.35+4003*0.54+5007*1.01+4103*0.27+6105*0.90
13806 (C)	Structural	(9002+5000)*1.35+4003*0.54+5007*1.01+4103*0.27+6106*0.90
13807 (C)	Structural	(9002+5000)*1.35+4003*0.54+5007*1.01+4103*0.27+6107*0.90
13808 (C)	Structural	(9002+5000)*1.35+4003*0.54+5007*1.01+4103*0.27+6108*0.90
13809 (C)	Structural	(9002+5000)*1.35+4004*0.54+5001*1.01+4104*0.27+6101*0.90
13810 (C)	Structural	(9002+5000)*1.35+4004*0.54+5001*1.01+4104*0.27+6102*0.90
13811 (C)	Structural	(9002+5000)*1.35+4004*0.54+5001*1.01+4104*0.27+6103*0.90
13812 (C)	Structural	(9002+5000)*1.35+4004*0.54+5001*1.01+4104*0.27+6104*0.90
13813 (C)	Structural	(9002+5000)*1.35+4004*0.54+5001*1.01+4104*0.27+6105*0.90
13814 (C)	Structural	(9002+5000)*1.35+4004*0.54+5001*1.01+4104*0.27+6106*0.90
13815 (C)	Structural	(9002+5000)*1.35+4004*0.54+5001*1.01+4104*0.27+6107*0.90
13816 (C)	Structural	(9002+5000)*1.35+4004*0.54+5001*1.01+4104*0.27+6108*0.90
13817 (C)	Structural	(9002+5000)*1.35+4004*0.54+5002*1.01+4104*0.27+6101*0.90
13818 (C)	Structural	(9002+5000)*1.35+4004*0.54+5002*1.01+4104*0.27+6102*0.90
13819 (C)	Structural	(9002+5000)*1.35+4004*0.54+5002*1.01+4104*0.27+6103*0.90
13820 (C)	Structural	(9002+5000)*1.35+4004*0.54+5002*1.01+4104*0.27+6104*0.90
13821 (C)	Structural	(9002+5000)*1.35+4004*0.54+5002*1.01+4104*0.27+6105*0.90
13822 (C)	Structural	(9002+5000)*1.35+4004*0.54+5002*1.01+4104*0.27+6106*0.90
13823 (C)	Structural	(9002+5000)*1.35+4004*0.54+5002*1.01+4104*0.27+6107*0.90
13824 (C)	Structural	(9002+5000)*1.35+4004*0.54+5002*1.01+4104*0.27+6108*0.90
13825 (C)	Structural	(9002+5000)*1.35+4004*0.54+5003*1.01+4104*0.27+6101*0.90
13826 (C)	Structural	(9002+5000)*1.35+4004*0.54+5003*1.01+4104*0.27+6102*0.90
13827 (C)	Structural	(9002+5000)*1.35+4004*0.54+5003*1.01+4104*0.27+6103*0.90
13828 (C)	Structural	(9002+5000)*1.35+4004*0.54+5003*1.01+4104*0.27+6104*0.90
13829 (C)	Structural	(9002+5000)*1.35+4004*0.54+5003*1.01+4104*0.27+6105*0.90
13830 (C)	Structural	(9002+5000)*1.35+4004*0.54+5003*1.01+4104*0.27+6106*0.90
13831 (C)	Structural	(9002+5000)*1.35+4004*0.54+5003*1.01+4104*0.27+6107*0.90
13832 (C)	Structural	(9002+5000)*1.35+4004*0.54+5003*1.01+4104*0.27+6108*0.90
13833 (C)	Structural	(9002+5000)*1.35+4004*0.54+5004*1.01+4104*0.27+6101*0.90
13834 (C)	Structural	(9002+5000)*1.35+4004*0.54+5004*1.01+4104*0.27+6102*0.90
13835 (C)	Structural	(9002+5000)*1.35+4004*0.54+5004*1.01+4104*0.27+6103*0.90
13836 (C)	Structural	(9002+5000)*1.35+4004*0.54+5004*1.01+4104*0.27+6104*0.90
13837 (C)	Structural	(9002+5000)*1.35+4004*0.54+5004*1.01+4104*0.27+6105*0.90
13838 (C)	Structural	(9002+5000)*1.35+4004*0.54+5004*1.01+4104*0.27+6106*0.90
13839 (C)	Structural	(9002+5000)*1.35+4004*0.54+5004*1.01+4104*0.27+6107*0.90
13840 (C)	Structural	(9002+5000)*1.35+4004*0.54+5004*1.01+4104*0.27+6108*0.90
13841 (C)	Structural	(9002+5000)*1.35+4004*0.54+5005*1.01+4104*0.27+6101*0.90
13842 (C)	Structural	(9002+5000)*1.35+4004*0.54+5005*1.01+4104*0.27+6102*0.90
13843 (C)	Structural	(9002+5000)*1.35+4004*0.54+5005*1.01+4104*0.27+6103*0.90
13844 (C)	Structural	(9002+5000)*1.35+4004*0.54+5005*1.01+4104*0.27+6104*0.90
13845 (C)	Structural	(9002+5000)*1.35+4004*0.54+5005*1.01+4104*0.27+6105*0.90
13846 (C)	Structural	(9002+5000)*1.35+4004*0.54+5005*1.01+4104*0.27+6106*0.90
13847 (C)	Structural	(9002+5000)*1.35+4004*0.54+5005*1.01+4104*0.27+6107*0.90
13848 (C)	Structural	(9002+5000)*1.35+4004*0.54+5005*1.01+4104*0.27+6108*0.90
13849 (C)	Structural	(9002+5000)*1.35+4004*0.54+5006*1.01+4104*0.27+6101*0.90
13850 (C)	Structural	(9002+5000)*1.35+4004*0.54+5006*1.01+4104*0.27+6102*0.90
13851 (C)	Structural	(9002+5000)*1.35+4004*0.54+5006*1.01+4104*0.27+6103*0.90
13852 (C)	Structural	(9002+5000)*1.35+4004*0.54+5006*1.01+4104*0.27+6104*0.90
13853 (C)	Structural	(9002+5000)*1.35+4004*0.54+5006*1.01+4104*0.27+6105*0.90
13854 (C)	Structural	(9002+5000)*1.35+4004*0.54+5006*1.01+4104*0.27+6106*0.90
13855 (C)	Structural	(9002+5000)*1.35+4004*0.54+5006*1.01+4104*0.27+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
13856 (C)	Structural	(9002+5000)*1.35+4004*0.54+5006*1.01+4104*0.27+6108*0.90
13857 (C)	Structural	(9002+5000)*1.35+4004*0.54+5007*1.01+4104*0.27+6101*0.90
13858 (C)	Structural	(9002+5000)*1.35+4004*0.54+5007*1.01+4104*0.27+6102*0.90
13859 (C)	Structural	(9002+5000)*1.35+4004*0.54+5007*1.01+4104*0.27+6103*0.90
13860 (C)	Structural	(9002+5000)*1.35+4004*0.54+5007*1.01+4104*0.27+6104*0.90
13861 (C)	Structural	(9002+5000)*1.35+4004*0.54+5007*1.01+4104*0.27+6105*0.90
13862 (C)	Structural	(9002+5000)*1.35+4004*0.54+5007*1.01+4104*0.27+6106*0.90
13863 (C)	Structural	(9002+5000)*1.35+4004*0.54+5007*1.01+4104*0.27+6107*0.90
13864 (C)	Structural	(9002+5000)*1.35+4004*0.54+5007*1.01+4104*0.27+6108*0.90
13865 (C)	Structural	(9002+5000)*1.35+4005*0.54+5001*1.01+4105*0.27+6101*0.90
13866 (C)	Structural	(9002+5000)*1.35+4005*0.54+5001*1.01+4105*0.27+6102*0.90
13867 (C)	Structural	(9002+5000)*1.35+4005*0.54+5001*1.01+4105*0.27+6103*0.90
13868 (C)	Structural	(9002+5000)*1.35+4005*0.54+5001*1.01+4105*0.27+6104*0.90
13869 (C)	Structural	(9002+5000)*1.35+4005*0.54+5001*1.01+4105*0.27+6105*0.90
13870 (C)	Structural	(9002+5000)*1.35+4005*0.54+5001*1.01+4105*0.27+6106*0.90
13871 (C)	Structural	(9002+5000)*1.35+4005*0.54+5001*1.01+4105*0.27+6107*0.90
13872 (C)	Structural	(9002+5000)*1.35+4005*0.54+5001*1.01+4105*0.27+6108*0.90
13873 (C)	Structural	(9002+5000)*1.35+4005*0.54+5002*1.01+4105*0.27+6101*0.90
13874 (C)	Structural	(9002+5000)*1.35+4005*0.54+5002*1.01+4105*0.27+6102*0.90
13875 (C)	Structural	(9002+5000)*1.35+4005*0.54+5002*1.01+4105*0.27+6103*0.90
13876 (C)	Structural	(9002+5000)*1.35+4005*0.54+5002*1.01+4105*0.27+6104*0.90
13877 (C)	Structural	(9002+5000)*1.35+4005*0.54+5002*1.01+4105*0.27+6105*0.90
13878 (C)	Structural	(9002+5000)*1.35+4005*0.54+5002*1.01+4105*0.27+6106*0.90
13879 (C)	Structural	(9002+5000)*1.35+4005*0.54+5002*1.01+4105*0.27+6107*0.90
13880 (C)	Structural	(9002+5000)*1.35+4005*0.54+5002*1.01+4105*0.27+6108*0.90
13881 (C)	Structural	(9002+5000)*1.35+4005*0.54+5003*1.01+4105*0.27+6101*0.90
13882 (C)	Structural	(9002+5000)*1.35+4005*0.54+5003*1.01+4105*0.27+6102*0.90
13883 (C)	Structural	(9002+5000)*1.35+4005*0.54+5003*1.01+4105*0.27+6103*0.90
13884 (C)	Structural	(9002+5000)*1.35+4005*0.54+5003*1.01+4105*0.27+6104*0.90
13885 (C)	Structural	(9002+5000)*1.35+4005*0.54+5003*1.01+4105*0.27+6105*0.90
13886 (C)	Structural	(9002+5000)*1.35+4005*0.54+5003*1.01+4105*0.27+6106*0.90
13887 (C)	Structural	(9002+5000)*1.35+4005*0.54+5003*1.01+4105*0.27+6107*0.90
13888 (C)	Structural	(9002+5000)*1.35+4005*0.54+5003*1.01+4105*0.27+6108*0.90
13889 (C)	Structural	(9002+5000)*1.35+4005*0.54+5004*1.01+4105*0.27+6101*0.90
13890 (C)	Structural	(9002+5000)*1.35+4005*0.54+5004*1.01+4105*0.27+6102*0.90
13891 (C)	Structural	(9002+5000)*1.35+4005*0.54+5004*1.01+4105*0.27+6103*0.90
13892 (C)	Structural	(9002+5000)*1.35+4005*0.54+5004*1.01+4105*0.27+6104*0.90
13893 (C)	Structural	(9002+5000)*1.35+4005*0.54+5004*1.01+4105*0.27+6105*0.90
13894 (C)	Structural	(9002+5000)*1.35+4005*0.54+5004*1.01+4105*0.27+6106*0.90
13895 (C)	Structural	(9002+5000)*1.35+4005*0.54+5004*1.01+4105*0.27+6107*0.90
13896 (C)	Structural	(9002+5000)*1.35+4005*0.54+5004*1.01+4105*0.27+6108*0.90
13897 (C)	Structural	(9002+5000)*1.35+4005*0.54+5005*1.01+4105*0.27+6101*0.90
13898 (C)	Structural	(9002+5000)*1.35+4005*0.54+5005*1.01+4105*0.27+6102*0.90
13899 (C)	Structural	(9002+5000)*1.35+4005*0.54+5005*1.01+4105*0.27+6103*0.90
13900 (C)	Structural	(9002+5000)*1.35+4005*0.54+5005*1.01+4105*0.27+6104*0.90
13901 (C)	Structural	(9002+5000)*1.35+4005*0.54+5005*1.01+4105*0.27+6105*0.90
13902 (C)	Structural	(9002+5000)*1.35+4005*0.54+5005*1.01+4105*0.27+6106*0.90
13903 (C)	Structural	(9002+5000)*1.35+4005*0.54+5005*1.01+4105*0.27+6107*0.90
13904 (C)	Structural	(9002+5000)*1.35+4005*0.54+5005*1.01+4105*0.27+6108*0.90
13905 (C)	Structural	(9002+5000)*1.35+4005*0.54+5006*1.01+4105*0.27+6101*0.90
13906 (C)	Structural	(9002+5000)*1.35+4005*0.54+5006*1.01+4105*0.27+6102*0.90
13907 (C)	Structural	(9002+5000)*1.35+4005*0.54+5006*1.01+4105*0.27+6103*0.90

Combinations	Case nature	Definition
13908 (C)	Structural	(9002+5000)*1.35+4005*0.54+5006*1.01+4105*0.27+6104*0.90
13909 (C)	Structural	(9002+5000)*1.35+4005*0.54+5006*1.01+4105*0.27+6105*0.90
13910 (C)	Structural	(9002+5000)*1.35+4005*0.54+5006*1.01+4105*0.27+6106*0.90
13911 (C)	Structural	(9002+5000)*1.35+4005*0.54+5006*1.01+4105*0.27+6107*0.90
13912 (C)	Structural	(9002+5000)*1.35+4005*0.54+5006*1.01+4105*0.27+6108*0.90
13913 (C)	Structural	(9002+5000)*1.35+4005*0.54+5007*1.01+4105*0.27+6101*0.90
13914 (C)	Structural	(9002+5000)*1.35+4005*0.54+5007*1.01+4105*0.27+6102*0.90
13915 (C)	Structural	(9002+5000)*1.35+4005*0.54+5007*1.01+4105*0.27+6103*0.90
13916 (C)	Structural	(9002+5000)*1.35+4005*0.54+5007*1.01+4105*0.27+6104*0.90
13917 (C)	Structural	(9002+5000)*1.35+4005*0.54+5007*1.01+4105*0.27+6105*0.90
13918 (C)	Structural	(9002+5000)*1.35+4005*0.54+5007*1.01+4105*0.27+6106*0.90
13919 (C)	Structural	(9002+5000)*1.35+4005*0.54+5007*1.01+4105*0.27+6107*0.90
13920 (C)	Structural	(9002+5000)*1.35+4005*0.54+5007*1.01+4105*0.27+6108*0.90
13921 (C)	Structural	(9002+5000)*1.35+4006*0.54+5001*1.01+4106*0.27+6101*0.90
13922 (C)	Structural	(9002+5000)*1.35+4006*0.54+5001*1.01+4106*0.27+6102*0.90
13923 (C)	Structural	(9002+5000)*1.35+4006*0.54+5001*1.01+4106*0.27+6103*0.90
13924 (C)	Structural	(9002+5000)*1.35+4006*0.54+5001*1.01+4106*0.27+6104*0.90
13925 (C)	Structural	(9002+5000)*1.35+4006*0.54+5001*1.01+4106*0.27+6105*0.90
13926 (C)	Structural	(9002+5000)*1.35+4006*0.54+5001*1.01+4106*0.27+6106*0.90
13927 (C)	Structural	(9002+5000)*1.35+4006*0.54+5001*1.01+4106*0.27+6107*0.90
13928 (C)	Structural	(9002+5000)*1.35+4006*0.54+5001*1.01+4106*0.27+6108*0.90
13929 (C)	Structural	(9002+5000)*1.35+4006*0.54+5002*1.01+4106*0.27+6101*0.90
13930 (C)	Structural	(9002+5000)*1.35+4006*0.54+5002*1.01+4106*0.27+6102*0.90
13931 (C)	Structural	(9002+5000)*1.35+4006*0.54+5002*1.01+4106*0.27+6103*0.90
13932 (C)	Structural	(9002+5000)*1.35+4006*0.54+5002*1.01+4106*0.27+6104*0.90
13933 (C)	Structural	(9002+5000)*1.35+4006*0.54+5002*1.01+4106*0.27+6105*0.90
13934 (C)	Structural	(9002+5000)*1.35+4006*0.54+5002*1.01+4106*0.27+6106*0.90
13935 (C)	Structural	(9002+5000)*1.35+4006*0.54+5002*1.01+4106*0.27+6107*0.90
13936 (C)	Structural	(9002+5000)*1.35+4006*0.54+5002*1.01+4106*0.27+6108*0.90
13937 (C)	Structural	(9002+5000)*1.35+4006*0.54+5003*1.01+4106*0.27+6101*0.90
13938 (C)	Structural	(9002+5000)*1.35+4006*0.54+5003*1.01+4106*0.27+6102*0.90
13939 (C)	Structural	(9002+5000)*1.35+4006*0.54+5003*1.01+4106*0.27+6103*0.90
13940 (C)	Structural	(9002+5000)*1.35+4006*0.54+5003*1.01+4106*0.27+6104*0.90
13941 (C)	Structural	(9002+5000)*1.35+4006*0.54+5003*1.01+4106*0.27+6105*0.90
13942 (C)	Structural	(9002+5000)*1.35+4006*0.54+5003*1.01+4106*0.27+6106*0.90
13943 (C)	Structural	(9002+5000)*1.35+4006*0.54+5003*1.01+4106*0.27+6107*0.90
13944 (C)	Structural	(9002+5000)*1.35+4006*0.54+5003*1.01+4106*0.27+6108*0.90
13945 (C)	Structural	(9002+5000)*1.35+4006*0.54+5004*1.01+4106*0.27+6101*0.90
13946 (C)	Structural	(9002+5000)*1.35+4006*0.54+5004*1.01+4106*0.27+6102*0.90
13947 (C)	Structural	(9002+5000)*1.35+4006*0.54+5004*1.01+4106*0.27+6103*0.90
13948 (C)	Structural	(9002+5000)*1.35+4006*0.54+5004*1.01+4106*0.27+6104*0.90
13949 (C)	Structural	(9002+5000)*1.35+4006*0.54+5004*1.01+4106*0.27+6105*0.90
13950 (C)	Structural	(9002+5000)*1.35+4006*0.54+5004*1.01+4106*0.27+6106*0.90
13951 (C)	Structural	(9002+5000)*1.35+4006*0.54+5004*1.01+4106*0.27+6107*0.90
13952 (C)	Structural	(9002+5000)*1.35+4006*0.54+5004*1.01+4106*0.27+6108*0.90
13953 (C)	Structural	(9002+5000)*1.35+4006*0.54+5005*1.01+4106*0.27+6101*0.90
13954 (C)	Structural	(9002+5000)*1.35+4006*0.54+5005*1.01+4106*0.27+6102*0.90
13955 (C)	Structural	(9002+5000)*1.35+4006*0.54+5005*1.01+4106*0.27+6103*0.90
13956 (C)	Structural	(9002+5000)*1.35+4006*0.54+5005*1.01+4106*0.27+6104*0.90
13957 (C)	Structural	(9002+5000)*1.35+4006*0.54+5005*1.01+4106*0.27+6105*0.90
13958 (C)	Structural	(9002+5000)*1.35+4006*0.54+5005*1.01+4106*0.27+6106*0.90
13959 (C)	Structural	(9002+5000)*1.35+4006*0.54+5005*1.01+4106*0.27+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
13960 (C)	Structural	(9002+5000)*1.35+4006*0.54+5005*1.01+4106*0.27+6108*0.90
13961 (C)	Structural	(9002+5000)*1.35+4006*0.54+5006*1.01+4106*0.27+6101*0.90
13962 (C)	Structural	(9002+5000)*1.35+4006*0.54+5006*1.01+4106*0.27+6102*0.90
13963 (C)	Structural	(9002+5000)*1.35+4006*0.54+5006*1.01+4106*0.27+6103*0.90
13964 (C)	Structural	(9002+5000)*1.35+4006*0.54+5006*1.01+4106*0.27+6104*0.90
13965 (C)	Structural	(9002+5000)*1.35+4006*0.54+5006*1.01+4106*0.27+6105*0.90
13966 (C)	Structural	(9002+5000)*1.35+4006*0.54+5006*1.01+4106*0.27+6106*0.90
13967 (C)	Structural	(9002+5000)*1.35+4006*0.54+5006*1.01+4106*0.27+6107*0.90
13968 (C)	Structural	(9002+5000)*1.35+4006*0.54+5006*1.01+4106*0.27+6108*0.90
13969 (C)	Structural	(9002+5000)*1.35+4006*0.54+5007*1.01+4106*0.27+6101*0.90
13970 (C)	Structural	(9002+5000)*1.35+4006*0.54+5007*1.01+4106*0.27+6102*0.90
13971 (C)	Structural	(9002+5000)*1.35+4006*0.54+5007*1.01+4106*0.27+6103*0.90
13972 (C)	Structural	(9002+5000)*1.35+4006*0.54+5007*1.01+4106*0.27+6104*0.90
13973 (C)	Structural	(9002+5000)*1.35+4006*0.54+5007*1.01+4106*0.27+6105*0.90
13974 (C)	Structural	(9002+5000)*1.35+4006*0.54+5007*1.01+4106*0.27+6106*0.90
13975 (C)	Structural	(9002+5000)*1.35+4006*0.54+5007*1.01+4106*0.27+6107*0.90
13976 (C)	Structural	(9002+5000)*1.35+4006*0.54+5007*1.01+4106*0.27+6108*0.90
13977 (C)	Structural	(9002+5000)*1.35+4007*0.54+5001*1.01+4107*0.27+6101*0.90
13978 (C)	Structural	(9002+5000)*1.35+4007*0.54+5001*1.01+4107*0.27+6102*0.90
13979 (C)	Structural	(9002+5000)*1.35+4007*0.54+5001*1.01+4107*0.27+6103*0.90
13980 (C)	Structural	(9002+5000)*1.35+4007*0.54+5001*1.01+4107*0.27+6104*0.90
13981 (C)	Structural	(9002+5000)*1.35+4007*0.54+5001*1.01+4107*0.27+6105*0.90
13982 (C)	Structural	(9002+5000)*1.35+4007*0.54+5001*1.01+4107*0.27+6106*0.90
13983 (C)	Structural	(9002+5000)*1.35+4007*0.54+5001*1.01+4107*0.27+6107*0.90
13984 (C)	Structural	(9002+5000)*1.35+4007*0.54+5001*1.01+4107*0.27+6108*0.90
13985 (C)	Structural	(9002+5000)*1.35+4007*0.54+5002*1.01+4107*0.27+6101*0.90
13986 (C)	Structural	(9002+5000)*1.35+4007*0.54+5002*1.01+4107*0.27+6102*0.90
13987 (C)	Structural	(9002+5000)*1.35+4007*0.54+5002*1.01+4107*0.27+6103*0.90
13988 (C)	Structural	(9002+5000)*1.35+4007*0.54+5002*1.01+4107*0.27+6104*0.90
13989 (C)	Structural	(9002+5000)*1.35+4007*0.54+5002*1.01+4107*0.27+6105*0.90
13990 (C)	Structural	(9002+5000)*1.35+4007*0.54+5002*1.01+4107*0.27+6106*0.90
13991 (C)	Structural	(9002+5000)*1.35+4007*0.54+5002*1.01+4107*0.27+6107*0.90
13992 (C)	Structural	(9002+5000)*1.35+4007*0.54+5002*1.01+4107*0.27+6108*0.90
13993 (C)	Structural	(9002+5000)*1.35+4007*0.54+5003*1.01+4107*0.27+6101*0.90
13994 (C)	Structural	(9002+5000)*1.35+4007*0.54+5003*1.01+4107*0.27+6102*0.90
13995 (C)	Structural	(9002+5000)*1.35+4007*0.54+5003*1.01+4107*0.27+6103*0.90
13996 (C)	Structural	(9002+5000)*1.35+4007*0.54+5003*1.01+4107*0.27+6104*0.90
13997 (C)	Structural	(9002+5000)*1.35+4007*0.54+5003*1.01+4107*0.27+6105*0.90
13998 (C)	Structural	(9002+5000)*1.35+4007*0.54+5003*1.01+4107*0.27+6106*0.90
13999 (C)	Structural	(9002+5000)*1.35+4007*0.54+5003*1.01+4107*0.27+6107*0.90
14000 (C)	Structural	(9002+5000)*1.35+4007*0.54+5003*1.01+4107*0.27+6108*0.90
14001 (C)	Structural	(9002+5000)*1.35+4007*0.54+5004*1.01+4107*0.27+6101*0.90
14002 (C)	Structural	(9002+5000)*1.35+4007*0.54+5004*1.01+4107*0.27+6102*0.90
14003 (C)	Structural	(9002+5000)*1.35+4007*0.54+5004*1.01+4107*0.27+6103*0.90
14004 (C)	Structural	(9002+5000)*1.35+4007*0.54+5004*1.01+4107*0.27+6104*0.90
14005 (C)	Structural	(9002+5000)*1.35+4007*0.54+5004*1.01+4107*0.27+6105*0.90
14006 (C)	Structural	(9002+5000)*1.35+4007*0.54+5004*1.01+4107*0.27+6106*0.90
14007 (C)	Structural	(9002+5000)*1.35+4007*0.54+5004*1.01+4107*0.27+6107*0.90
14008 (C)	Structural	(9002+5000)*1.35+4007*0.54+5004*1.01+4107*0.27+6108*0.90
14009 (C)	Structural	(9002+5000)*1.35+4007*0.54+5005*1.01+4107*0.27+6101*0.90
14010 (C)	Structural	(9002+5000)*1.35+4007*0.54+5005*1.01+4107*0.27+6102*0.90
14011 (C)	Structural	(9002+5000)*1.35+4007*0.54+5005*1.01+4107*0.27+6103*0.90

Combinations	Case nature	Definition
14012 (C)	Structural	(9002+5000)*1.35+4007*0.54+5005*1.01+4107*0.27+6104*0.90
14013 (C)	Structural	(9002+5000)*1.35+4007*0.54+5005*1.01+4107*0.27+6105*0.90
14014 (C)	Structural	(9002+5000)*1.35+4007*0.54+5005*1.01+4107*0.27+6106*0.90
14015 (C)	Structural	(9002+5000)*1.35+4007*0.54+5005*1.01+4107*0.27+6107*0.90
14016 (C)	Structural	(9002+5000)*1.35+4007*0.54+5005*1.01+4107*0.27+6108*0.90
14017 (C)	Structural	(9002+5000)*1.35+4007*0.54+5006*1.01+4107*0.27+6101*0.90
14018 (C)	Structural	(9002+5000)*1.35+4007*0.54+5006*1.01+4107*0.27+6102*0.90
14019 (C)	Structural	(9002+5000)*1.35+4007*0.54+5006*1.01+4107*0.27+6103*0.90
14020 (C)	Structural	(9002+5000)*1.35+4007*0.54+5006*1.01+4107*0.27+6104*0.90
14021 (C)	Structural	(9002+5000)*1.35+4007*0.54+5006*1.01+4107*0.27+6105*0.90
14022 (C)	Structural	(9002+5000)*1.35+4007*0.54+5006*1.01+4107*0.27+6106*0.90
14023 (C)	Structural	(9002+5000)*1.35+4007*0.54+5006*1.01+4107*0.27+6107*0.90
14024 (C)	Structural	(9002+5000)*1.35+4007*0.54+5006*1.01+4107*0.27+6108*0.90
14025 (C)	Structural	(9002+5000)*1.35+4007*0.54+5007*1.01+4107*0.27+6101*0.90
14026 (C)	Structural	(9002+5000)*1.35+4007*0.54+5007*1.01+4107*0.27+6102*0.90
14027 (C)	Structural	(9002+5000)*1.35+4007*0.54+5007*1.01+4107*0.27+6103*0.90
14028 (C)	Structural	(9002+5000)*1.35+4007*0.54+5007*1.01+4107*0.27+6104*0.90
14029 (C)	Structural	(9002+5000)*1.35+4007*0.54+5007*1.01+4107*0.27+6105*0.90
14030 (C)	Structural	(9002+5000)*1.35+4007*0.54+5007*1.01+4107*0.27+6106*0.90
14031 (C)	Structural	(9002+5000)*1.35+4007*0.54+5007*1.01+4107*0.27+6107*0.90
14032 (C)	Structural	(9002+5000)*1.35+4007*0.54+5007*1.01+4107*0.27+6108*0.90
14033 (C)	Structural	(9002+5000)*1.35+4008*0.54+5001*1.01+4108*0.27+6101*0.90
14034 (C)	Structural	(9002+5000)*1.35+4008*0.54+5001*1.01+4108*0.27+6102*0.90
14035 (C)	Structural	(9002+5000)*1.35+4008*0.54+5001*1.01+4108*0.27+6103*0.90
14036 (C)	Structural	(9002+5000)*1.35+4008*0.54+5001*1.01+4108*0.27+6104*0.90
14037 (C)	Structural	(9002+5000)*1.35+4008*0.54+5001*1.01+4108*0.27+6105*0.90
14038 (C)	Structural	(9002+5000)*1.35+4008*0.54+5001*1.01+4108*0.27+6106*0.90
14039 (C)	Structural	(9002+5000)*1.35+4008*0.54+5001*1.01+4108*0.27+6107*0.90
14040 (C)	Structural	(9002+5000)*1.35+4008*0.54+5001*1.01+4108*0.27+6108*0.90
14041 (C)	Structural	(9002+5000)*1.35+4008*0.54+5002*1.01+4108*0.27+6101*0.90
14042 (C)	Structural	(9002+5000)*1.35+4008*0.54+5002*1.01+4108*0.27+6102*0.90
14043 (C)	Structural	(9002+5000)*1.35+4008*0.54+5002*1.01+4108*0.27+6103*0.90
14044 (C)	Structural	(9002+5000)*1.35+4008*0.54+5002*1.01+4108*0.27+6104*0.90
14045 (C)	Structural	(9002+5000)*1.35+4008*0.54+5002*1.01+4108*0.27+6105*0.90
14046 (C)	Structural	(9002+5000)*1.35+4008*0.54+5002*1.01+4108*0.27+6106*0.90
14047 (C)	Structural	(9002+5000)*1.35+4008*0.54+5002*1.01+4108*0.27+6107*0.90
14048 (C)	Structural	(9002+5000)*1.35+4008*0.54+5002*1.01+4108*0.27+6108*0.90
14049 (C)	Structural	(9002+5000)*1.35+4008*0.54+5003*1.01+4108*0.27+6101*0.90
14050 (C)	Structural	(9002+5000)*1.35+4008*0.54+5003*1.01+4108*0.27+6102*0.90
14051 (C)	Structural	(9002+5000)*1.35+4008*0.54+5003*1.01+4108*0.27+6103*0.90
14052 (C)	Structural	(9002+5000)*1.35+4008*0.54+5003*1.01+4108*0.27+6104*0.90
14053 (C)	Structural	(9002+5000)*1.35+4008*0.54+5003*1.01+4108*0.27+6105*0.90
14054 (C)	Structural	(9002+5000)*1.35+4008*0.54+5003*1.01+4108*0.27+6106*0.90
14055 (C)	Structural	(9002+5000)*1.35+4008*0.54+5003*1.01+4108*0.27+6107*0.90
14056 (C)	Structural	(9002+5000)*1.35+4008*0.54+5003*1.01+4108*0.27+6108*0.90
14057 (C)	Structural	(9002+5000)*1.35+4008*0.54+5004*1.01+4108*0.27+6101*0.90
14058 (C)	Structural	(9002+5000)*1.35+4008*0.54+5004*1.01+4108*0.27+6102*0.90
14059 (C)	Structural	(9002+5000)*1.35+4008*0.54+5004*1.01+4108*0.27+6103*0.90
14060 (C)	Structural	(9002+5000)*1.35+4008*0.54+5004*1.01+4108*0.27+6104*0.90
14061 (C)	Structural	(9002+5000)*1.35+4008*0.54+5004*1.01+4108*0.27+6105*0.90
14062 (C)	Structural	(9002+5000)*1.35+4008*0.54+5004*1.01+4108*0.27+6106*0.90
14063 (C)	Structural	(9002+5000)*1.35+4008*0.54+5004*1.01+4108*0.27+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
14064 (C)	Structural	(9002+5000)*1.35+4008*0.54+5004*1.01+4108*0.27+6108*0.90
14065 (C)	Structural	(9002+5000)*1.35+4008*0.54+5005*1.01+4108*0.27+6101*0.90
14066 (C)	Structural	(9002+5000)*1.35+4008*0.54+5005*1.01+4108*0.27+6102*0.90
14067 (C)	Structural	(9002+5000)*1.35+4008*0.54+5005*1.01+4108*0.27+6103*0.90
14068 (C)	Structural	(9002+5000)*1.35+4008*0.54+5005*1.01+4108*0.27+6104*0.90
14069 (C)	Structural	(9002+5000)*1.35+4008*0.54+5005*1.01+4108*0.27+6105*0.90
14070 (C)	Structural	(9002+5000)*1.35+4008*0.54+5005*1.01+4108*0.27+6106*0.90
14071 (C)	Structural	(9002+5000)*1.35+4008*0.54+5005*1.01+4108*0.27+6107*0.90
14072 (C)	Structural	(9002+5000)*1.35+4008*0.54+5005*1.01+4108*0.27+6108*0.90
14073 (C)	Structural	(9002+5000)*1.35+4008*0.54+5006*1.01+4108*0.27+6101*0.90
14074 (C)	Structural	(9002+5000)*1.35+4008*0.54+5006*1.01+4108*0.27+6102*0.90
14075 (C)	Structural	(9002+5000)*1.35+4008*0.54+5006*1.01+4108*0.27+6103*0.90
14076 (C)	Structural	(9002+5000)*1.35+4008*0.54+5006*1.01+4108*0.27+6104*0.90
14077 (C)	Structural	(9002+5000)*1.35+4008*0.54+5006*1.01+4108*0.27+6105*0.90
14078 (C)	Structural	(9002+5000)*1.35+4008*0.54+5006*1.01+4108*0.27+6106*0.90
14079 (C)	Structural	(9002+5000)*1.35+4008*0.54+5006*1.01+4108*0.27+6107*0.90
14080 (C)	Structural	(9002+5000)*1.35+4008*0.54+5006*1.01+4108*0.27+6108*0.90
14081 (C)	Structural	(9002+5000)*1.35+4008*0.54+5007*1.01+4108*0.27+6101*0.90
14082 (C)	Structural	(9002+5000)*1.35+4008*0.54+5007*1.01+4108*0.27+6102*0.90
14083 (C)	Structural	(9002+5000)*1.35+4008*0.54+5007*1.01+4108*0.27+6103*0.90
14084 (C)	Structural	(9002+5000)*1.35+4008*0.54+5007*1.01+4108*0.27+6104*0.90
14085 (C)	Structural	(9002+5000)*1.35+4008*0.54+5007*1.01+4108*0.27+6105*0.90
14086 (C)	Structural	(9002+5000)*1.35+4008*0.54+5007*1.01+4108*0.27+6106*0.90
14087 (C)	Structural	(9002+5000)*1.35+4008*0.54+5007*1.01+4108*0.27+6107*0.90
14088 (C)	Structural	(9002+5000)*1.35+4008*0.54+5007*1.01+4108*0.27+6108*0.90
14089 (C)	Structural	(9002+5000)*1.35+4009*0.54+5001*1.01+4109*0.27+6101*0.90
14090 (C)	Structural	(9002+5000)*1.35+4009*0.54+5001*1.01+4109*0.27+6102*0.90
14091 (C)	Structural	(9002+5000)*1.35+4009*0.54+5001*1.01+4109*0.27+6103*0.90
14092 (C)	Structural	(9002+5000)*1.35+4009*0.54+5001*1.01+4109*0.27+6104*0.90
14093 (C)	Structural	(9002+5000)*1.35+4009*0.54+5001*1.01+4109*0.27+6105*0.90
14094 (C)	Structural	(9002+5000)*1.35+4009*0.54+5001*1.01+4109*0.27+6106*0.90
14095 (C)	Structural	(9002+5000)*1.35+4009*0.54+5001*1.01+4109*0.27+6107*0.90
14096 (C)	Structural	(9002+5000)*1.35+4009*0.54+5001*1.01+4109*0.27+6108*0.90
14097 (C)	Structural	(9002+5000)*1.35+4009*0.54+5002*1.01+4109*0.27+6101*0.90
14098 (C)	Structural	(9002+5000)*1.35+4009*0.54+5002*1.01+4109*0.27+6102*0.90
14099 (C)	Structural	(9002+5000)*1.35+4009*0.54+5002*1.01+4109*0.27+6103*0.90
14100 (C)	Structural	(9002+5000)*1.35+4009*0.54+5002*1.01+4109*0.27+6104*0.90
14101 (C)	Structural	(9002+5000)*1.35+4009*0.54+5002*1.01+4109*0.27+6105*0.90
14102 (C)	Structural	(9002+5000)*1.35+4009*0.54+5002*1.01+4109*0.27+6106*0.90
14103 (C)	Structural	(9002+5000)*1.35+4009*0.54+5002*1.01+4109*0.27+6107*0.90
14104 (C)	Structural	(9002+5000)*1.35+4009*0.54+5002*1.01+4109*0.27+6108*0.90
14105 (C)	Structural	(9002+5000)*1.35+4009*0.54+5003*1.01+4109*0.27+6101*0.90
14106 (C)	Structural	(9002+5000)*1.35+4009*0.54+5003*1.01+4109*0.27+6102*0.90
14107 (C)	Structural	(9002+5000)*1.35+4009*0.54+5003*1.01+4109*0.27+6103*0.90
14108 (C)	Structural	(9002+5000)*1.35+4009*0.54+5003*1.01+4109*0.27+6104*0.90
14109 (C)	Structural	(9002+5000)*1.35+4009*0.54+5003*1.01+4109*0.27+6105*0.90
14110 (C)	Structural	(9002+5000)*1.35+4009*0.54+5003*1.01+4109*0.27+6106*0.90
14111 (C)	Structural	(9002+5000)*1.35+4009*0.54+5003*1.01+4109*0.27+6107*0.90
14112 (C)	Structural	(9002+5000)*1.35+4009*0.54+5003*1.01+4109*0.27+6108*0.90
14113 (C)	Structural	(9002+5000)*1.35+4009*0.54+5004*1.01+4109*0.27+6101*0.90
14114 (C)	Structural	(9002+5000)*1.35+4009*0.54+5004*1.01+4109*0.27+6102*0.90
14115 (C)	Structural	(9002+5000)*1.35+4009*0.54+5004*1.01+4109*0.27+6103*0.90

Combinations	Case nature	Definition
14116 (C)	Structural	(9002+5000)*1.35+4009*0.54+5004*1.01+4109*0.27+6104*0.90
14117 (C)	Structural	(9002+5000)*1.35+4009*0.54+5004*1.01+4109*0.27+6105*0.90
14118 (C)	Structural	(9002+5000)*1.35+4009*0.54+5004*1.01+4109*0.27+6106*0.90
14119 (C)	Structural	(9002+5000)*1.35+4009*0.54+5004*1.01+4109*0.27+6107*0.90
14120 (C)	Structural	(9002+5000)*1.35+4009*0.54+5004*1.01+4109*0.27+6108*0.90
14121 (C)	Structural	(9002+5000)*1.35+4009*0.54+5005*1.01+4109*0.27+6101*0.90
14122 (C)	Structural	(9002+5000)*1.35+4009*0.54+5005*1.01+4109*0.27+6102*0.90
14123 (C)	Structural	(9002+5000)*1.35+4009*0.54+5005*1.01+4109*0.27+6103*0.90
14124 (C)	Structural	(9002+5000)*1.35+4009*0.54+5005*1.01+4109*0.27+6104*0.90
14125 (C)	Structural	(9002+5000)*1.35+4009*0.54+5005*1.01+4109*0.27+6105*0.90
14126 (C)	Structural	(9002+5000)*1.35+4009*0.54+5005*1.01+4109*0.27+6106*0.90
14127 (C)	Structural	(9002+5000)*1.35+4009*0.54+5005*1.01+4109*0.27+6107*0.90
14128 (C)	Structural	(9002+5000)*1.35+4009*0.54+5005*1.01+4109*0.27+6108*0.90
14129 (C)	Structural	(9002+5000)*1.35+4009*0.54+5006*1.01+4109*0.27+6101*0.90
14130 (C)	Structural	(9002+5000)*1.35+4009*0.54+5006*1.01+4109*0.27+6102*0.90
14131 (C)	Structural	(9002+5000)*1.35+4009*0.54+5006*1.01+4109*0.27+6103*0.90
14132 (C)	Structural	(9002+5000)*1.35+4009*0.54+5006*1.01+4109*0.27+6104*0.90
14133 (C)	Structural	(9002+5000)*1.35+4009*0.54+5006*1.01+4109*0.27+6105*0.90
14134 (C)	Structural	(9002+5000)*1.35+4009*0.54+5006*1.01+4109*0.27+6106*0.90
14135 (C)	Structural	(9002+5000)*1.35+4009*0.54+5006*1.01+4109*0.27+6107*0.90
14136 (C)	Structural	(9002+5000)*1.35+4009*0.54+5006*1.01+4109*0.27+6108*0.90
14137 (C)	Structural	(9002+5000)*1.35+4009*0.54+5007*1.01+4109*0.27+6101*0.90
14138 (C)	Structural	(9002+5000)*1.35+4009*0.54+5007*1.01+4109*0.27+6102*0.90
14139 (C)	Structural	(9002+5000)*1.35+4009*0.54+5007*1.01+4109*0.27+6103*0.90
14140 (C)	Structural	(9002+5000)*1.35+4009*0.54+5007*1.01+4109*0.27+6104*0.90
14141 (C)	Structural	(9002+5000)*1.35+4009*0.54+5007*1.01+4109*0.27+6105*0.90
14142 (C)	Structural	(9002+5000)*1.35+4009*0.54+5007*1.01+4109*0.27+6106*0.90
14143 (C)	Structural	(9002+5000)*1.35+4009*0.54+5007*1.01+4109*0.27+6107*0.90
14144 (C)	Structural	(9002+5000)*1.35+4009*0.54+5007*1.01+4109*0.27+6108*0.90
14145 (C)	Structural	(9002+5000)*1.35+4010*0.54+5001*1.01+4110*0.27+6101*0.90
14146 (C)	Structural	(9002+5000)*1.35+4010*0.54+5001*1.01+4110*0.27+6102*0.90
14147 (C)	Structural	(9002+5000)*1.35+4010*0.54+5001*1.01+4110*0.27+6103*0.90
14148 (C)	Structural	(9002+5000)*1.35+4010*0.54+5001*1.01+4110*0.27+6104*0.90
14149 (C)	Structural	(9002+5000)*1.35+4010*0.54+5001*1.01+4110*0.27+6105*0.90
14150 (C)	Structural	(9002+5000)*1.35+4010*0.54+5001*1.01+4110*0.27+6106*0.90
14151 (C)	Structural	(9002+5000)*1.35+4010*0.54+5001*1.01+4110*0.27+6107*0.90
14152 (C)	Structural	(9002+5000)*1.35+4010*0.54+5001*1.01+4110*0.27+6108*0.90
14153 (C)	Structural	(9002+5000)*1.35+4010*0.54+5002*1.01+4110*0.27+6101*0.90
14154 (C)	Structural	(9002+5000)*1.35+4010*0.54+5002*1.01+4110*0.27+6102*0.90
14155 (C)	Structural	(9002+5000)*1.35+4010*0.54+5002*1.01+4110*0.27+6103*0.90
14156 (C)	Structural	(9002+5000)*1.35+4010*0.54+5002*1.01+4110*0.27+6104*0.90
14157 (C)	Structural	(9002+5000)*1.35+4010*0.54+5002*1.01+4110*0.27+6105*0.90
14158 (C)	Structural	(9002+5000)*1.35+4010*0.54+5002*1.01+4110*0.27+6106*0.90
14159 (C)	Structural	(9002+5000)*1.35+4010*0.54+5002*1.01+4110*0.27+6107*0.90
14160 (C)	Structural	(9002+5000)*1.35+4010*0.54+5002*1.01+4110*0.27+6108*0.90
14161 (C)	Structural	(9002+5000)*1.35+4010*0.54+5003*1.01+4110*0.27+6101*0.90
14162 (C)	Structural	(9002+5000)*1.35+4010*0.54+5003*1.01+4110*0.27+6102*0.90
14163 (C)	Structural	(9002+5000)*1.35+4010*0.54+5003*1.01+4110*0.27+6103*0.90
14164 (C)	Structural	(9002+5000)*1.35+4010*0.54+5003*1.01+4110*0.27+6104*0.90
14165 (C)	Structural	(9002+5000)*1.35+4010*0.54+5003*1.01+4110*0.27+6105*0.90
14166 (C)	Structural	(9002+5000)*1.35+4010*0.54+5003*1.01+4110*0.27+6106*0.90
14167 (C)	Structural	(9002+5000)*1.35+4010*0.54+5003*1.01+4110*0.27+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
14168 (C)	Structural	(9002+5000)*1.35+4010*0.54+5003*1.01+4110*0.27+6108*0.90
14169 (C)	Structural	(9002+5000)*1.35+4010*0.54+5004*1.01+4110*0.27+6101*0.90
14170 (C)	Structural	(9002+5000)*1.35+4010*0.54+5004*1.01+4110*0.27+6102*0.90
14171 (C)	Structural	(9002+5000)*1.35+4010*0.54+5004*1.01+4110*0.27+6103*0.90
14172 (C)	Structural	(9002+5000)*1.35+4010*0.54+5004*1.01+4110*0.27+6104*0.90
14173 (C)	Structural	(9002+5000)*1.35+4010*0.54+5004*1.01+4110*0.27+6105*0.90
14174 (C)	Structural	(9002+5000)*1.35+4010*0.54+5004*1.01+4110*0.27+6106*0.90
14175 (C)	Structural	(9002+5000)*1.35+4010*0.54+5004*1.01+4110*0.27+6107*0.90
14176 (C)	Structural	(9002+5000)*1.35+4010*0.54+5004*1.01+4110*0.27+6108*0.90
14177 (C)	Structural	(9002+5000)*1.35+4010*0.54+5005*1.01+4110*0.27+6101*0.90
14178 (C)	Structural	(9002+5000)*1.35+4010*0.54+5005*1.01+4110*0.27+6102*0.90
14179 (C)	Structural	(9002+5000)*1.35+4010*0.54+5005*1.01+4110*0.27+6103*0.90
14180 (C)	Structural	(9002+5000)*1.35+4010*0.54+5005*1.01+4110*0.27+6104*0.90
14181 (C)	Structural	(9002+5000)*1.35+4010*0.54+5005*1.01+4110*0.27+6105*0.90
14182 (C)	Structural	(9002+5000)*1.35+4010*0.54+5005*1.01+4110*0.27+6106*0.90
14183 (C)	Structural	(9002+5000)*1.35+4010*0.54+5005*1.01+4110*0.27+6107*0.90
14184 (C)	Structural	(9002+5000)*1.35+4010*0.54+5005*1.01+4110*0.27+6108*0.90
14185 (C)	Structural	(9002+5000)*1.35+4010*0.54+5006*1.01+4110*0.27+6101*0.90
14186 (C)	Structural	(9002+5000)*1.35+4010*0.54+5006*1.01+4110*0.27+6102*0.90
14187 (C)	Structural	(9002+5000)*1.35+4010*0.54+5006*1.01+4110*0.27+6103*0.90
14188 (C)	Structural	(9002+5000)*1.35+4010*0.54+5006*1.01+4110*0.27+6104*0.90
14189 (C)	Structural	(9002+5000)*1.35+4010*0.54+5006*1.01+4110*0.27+6105*0.90
14190 (C)	Structural	(9002+5000)*1.35+4010*0.54+5006*1.01+4110*0.27+6106*0.90
14191 (C)	Structural	(9002+5000)*1.35+4010*0.54+5006*1.01+4110*0.27+6107*0.90
14192 (C)	Structural	(9002+5000)*1.35+4010*0.54+5006*1.01+4110*0.27+6108*0.90
14193 (C)	Structural	(9002+5000)*1.35+4010*0.54+5007*1.01+4110*0.27+6101*0.90
14194 (C)	Structural	(9002+5000)*1.35+4010*0.54+5007*1.01+4110*0.27+6102*0.90
14195 (C)	Structural	(9002+5000)*1.35+4010*0.54+5007*1.01+4110*0.27+6103*0.90
14196 (C)	Structural	(9002+5000)*1.35+4010*0.54+5007*1.01+4110*0.27+6104*0.90
14197 (C)	Structural	(9002+5000)*1.35+4010*0.54+5007*1.01+4110*0.27+6105*0.90
14198 (C)	Structural	(9002+5000)*1.35+4010*0.54+5007*1.01+4110*0.27+6106*0.90
14199 (C)	Structural	(9002+5000)*1.35+4010*0.54+5007*1.01+4110*0.27+6107*0.90
14200 (C)	Structural	(9002+5000)*1.35+4010*0.54+5007*1.01+4110*0.27+6108*0.90
14201 (C)	Structural	(9002+5000)*1.35+4011*0.54+5001*1.01+4111*0.27+6101*0.90
14202 (C)	Structural	(9002+5000)*1.35+4011*0.54+5001*1.01+4111*0.27+6102*0.90
14203 (C)	Structural	(9002+5000)*1.35+4011*0.54+5001*1.01+4111*0.27+6103*0.90
14204 (C)	Structural	(9002+5000)*1.35+4011*0.54+5001*1.01+4111*0.27+6104*0.90
14205 (C)	Structural	(9002+5000)*1.35+4011*0.54+5001*1.01+4111*0.27+6105*0.90
14206 (C)	Structural	(9002+5000)*1.35+4011*0.54+5001*1.01+4111*0.27+6106*0.90
14207 (C)	Structural	(9002+5000)*1.35+4011*0.54+5001*1.01+4111*0.27+6107*0.90
14208 (C)	Structural	(9002+5000)*1.35+4011*0.54+5001*1.01+4111*0.27+6108*0.90
14209 (C)	Structural	(9002+5000)*1.35+4011*0.54+5002*1.01+4111*0.27+6101*0.90
14210 (C)	Structural	(9002+5000)*1.35+4011*0.54+5002*1.01+4111*0.27+6102*0.90
14211 (C)	Structural	(9002+5000)*1.35+4011*0.54+5002*1.01+4111*0.27+6103*0.90
14212 (C)	Structural	(9002+5000)*1.35+4011*0.54+5002*1.01+4111*0.27+6104*0.90
14213 (C)	Structural	(9002+5000)*1.35+4011*0.54+5002*1.01+4111*0.27+6105*0.90
14214 (C)	Structural	(9002+5000)*1.35+4011*0.54+5002*1.01+4111*0.27+6106*0.90
14215 (C)	Structural	(9002+5000)*1.35+4011*0.54+5002*1.01+4111*0.27+6107*0.90
14216 (C)	Structural	(9002+5000)*1.35+4011*0.54+5002*1.01+4111*0.27+6108*0.90
14217 (C)	Structural	(9002+5000)*1.35+4011*0.54+5003*1.01+4111*0.27+6101*0.90
14218 (C)	Structural	(9002+5000)*1.35+4011*0.54+5003*1.01+4111*0.27+6102*0.90
14219 (C)	Structural	(9002+5000)*1.35+4011*0.54+5003*1.01+4111*0.27+6103*0.90

Combinations	Case nature	Definition
14220 (C)	Structural	(9002+5000)*1.35+4011*0.54+5003*1.01+4111*0.27+6104*0.90
14221 (C)	Structural	(9002+5000)*1.35+4011*0.54+5003*1.01+4111*0.27+6105*0.90
14222 (C)	Structural	(9002+5000)*1.35+4011*0.54+5003*1.01+4111*0.27+6106*0.90
14223 (C)	Structural	(9002+5000)*1.35+4011*0.54+5003*1.01+4111*0.27+6107*0.90
14224 (C)	Structural	(9002+5000)*1.35+4011*0.54+5003*1.01+4111*0.27+6108*0.90
14225 (C)	Structural	(9002+5000)*1.35+4011*0.54+5004*1.01+4111*0.27+6101*0.90
14226 (C)	Structural	(9002+5000)*1.35+4011*0.54+5004*1.01+4111*0.27+6102*0.90
14227 (C)	Structural	(9002+5000)*1.35+4011*0.54+5004*1.01+4111*0.27+6103*0.90
14228 (C)	Structural	(9002+5000)*1.35+4011*0.54+5004*1.01+4111*0.27+6104*0.90
14229 (C)	Structural	(9002+5000)*1.35+4011*0.54+5004*1.01+4111*0.27+6105*0.90
14230 (C)	Structural	(9002+5000)*1.35+4011*0.54+5004*1.01+4111*0.27+6106*0.90
14231 (C)	Structural	(9002+5000)*1.35+4011*0.54+5004*1.01+4111*0.27+6107*0.90
14232 (C)	Structural	(9002+5000)*1.35+4011*0.54+5004*1.01+4111*0.27+6108*0.90
14233 (C)	Structural	(9002+5000)*1.35+4011*0.54+5005*1.01+4111*0.27+6101*0.90
14234 (C)	Structural	(9002+5000)*1.35+4011*0.54+5005*1.01+4111*0.27+6102*0.90
14235 (C)	Structural	(9002+5000)*1.35+4011*0.54+5005*1.01+4111*0.27+6103*0.90
14236 (C)	Structural	(9002+5000)*1.35+4011*0.54+5005*1.01+4111*0.27+6104*0.90
14237 (C)	Structural	(9002+5000)*1.35+4011*0.54+5005*1.01+4111*0.27+6105*0.90
14238 (C)	Structural	(9002+5000)*1.35+4011*0.54+5005*1.01+4111*0.27+6106*0.90
14239 (C)	Structural	(9002+5000)*1.35+4011*0.54+5005*1.01+4111*0.27+6107*0.90
14240 (C)	Structural	(9002+5000)*1.35+4011*0.54+5005*1.01+4111*0.27+6108*0.90
14241 (C)	Structural	(9002+5000)*1.35+4011*0.54+5006*1.01+4111*0.27+6101*0.90
14242 (C)	Structural	(9002+5000)*1.35+4011*0.54+5006*1.01+4111*0.27+6102*0.90
14243 (C)	Structural	(9002+5000)*1.35+4011*0.54+5006*1.01+4111*0.27+6103*0.90
14244 (C)	Structural	(9002+5000)*1.35+4011*0.54+5006*1.01+4111*0.27+6104*0.90
14245 (C)	Structural	(9002+5000)*1.35+4011*0.54+5006*1.01+4111*0.27+6105*0.90
14246 (C)	Structural	(9002+5000)*1.35+4011*0.54+5006*1.01+4111*0.27+6106*0.90
14247 (C)	Structural	(9002+5000)*1.35+4011*0.54+5006*1.01+4111*0.27+6107*0.90
14248 (C)	Structural	(9002+5000)*1.35+4011*0.54+5006*1.01+4111*0.27+6108*0.90
14249 (C)	Structural	(9002+5000)*1.35+4011*0.54+5007*1.01+4111*0.27+6101*0.90
14250 (C)	Structural	(9002+5000)*1.35+4011*0.54+5007*1.01+4111*0.27+6102*0.90
14251 (C)	Structural	(9002+5000)*1.35+4011*0.54+5007*1.01+4111*0.27+6103*0.90
14252 (C)	Structural	(9002+5000)*1.35+4011*0.54+5007*1.01+4111*0.27+6104*0.90
14253 (C)	Structural	(9002+5000)*1.35+4011*0.54+5007*1.01+4111*0.27+6105*0.90
14254 (C)	Structural	(9002+5000)*1.35+4011*0.54+5007*1.01+4111*0.27+6106*0.90
14255 (C)	Structural	(9002+5000)*1.35+4011*0.54+5007*1.01+4111*0.27+6107*0.90
14256 (C)	Structural	(9002+5000)*1.35+4011*0.54+5007*1.01+4111*0.27+6108*0.90
14257 (C)	Structural	(9002+5000)*1.35+4012*0.54+5001*1.01+4112*0.27+6101*0.90
14258 (C)	Structural	(9002+5000)*1.35+4012*0.54+5001*1.01+4112*0.27+6102*0.90
14259 (C)	Structural	(9002+5000)*1.35+4012*0.54+5001*1.01+4112*0.27+6103*0.90
14260 (C)	Structural	(9002+5000)*1.35+4012*0.54+5001*1.01+4112*0.27+6104*0.90
14261 (C)	Structural	(9002+5000)*1.35+4012*0.54+5001*1.01+4112*0.27+6105*0.90
14262 (C)	Structural	(9002+5000)*1.35+4012*0.54+5001*1.01+4112*0.27+6106*0.90
14263 (C)	Structural	(9002+5000)*1.35+4012*0.54+5001*1.01+4112*0.27+6107*0.90
14264 (C)	Structural	(9002+5000)*1.35+4012*0.54+5001*1.01+4112*0.27+6108*0.90
14265 (C)	Structural	(9002+5000)*1.35+4012*0.54+5002*1.01+4112*0.27+6101*0.90
14266 (C)	Structural	(9002+5000)*1.35+4012*0.54+5002*1.01+4112*0.27+6102*0.90
14267 (C)	Structural	(9002+5000)*1.35+4012*0.54+5002*1.01+4112*0.27+6103*0.90
14268 (C)	Structural	(9002+5000)*1.35+4012*0.54+5002*1.01+4112*0.27+6104*0.90
14269 (C)	Structural	(9002+5000)*1.35+4012*0.54+5002*1.01+4112*0.27+6105*0.90
14270 (C)	Structural	(9002+5000)*1.35+4012*0.54+5002*1.01+4112*0.27+6106*0.90
14271 (C)	Structural	(9002+5000)*1.35+4012*0.54+5002*1.01+4112*0.27+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
14272 (C)	Structural	(9002+5000)*1.35+4012*0.54+5002*1.01+4112*0.27+6108*0.90
14273 (C)	Structural	(9002+5000)*1.35+4012*0.54+5003*1.01+4112*0.27+6101*0.90
14274 (C)	Structural	(9002+5000)*1.35+4012*0.54+5003*1.01+4112*0.27+6102*0.90
14275 (C)	Structural	(9002+5000)*1.35+4012*0.54+5003*1.01+4112*0.27+6103*0.90
14276 (C)	Structural	(9002+5000)*1.35+4012*0.54+5003*1.01+4112*0.27+6104*0.90
14277 (C)	Structural	(9002+5000)*1.35+4012*0.54+5003*1.01+4112*0.27+6105*0.90
14278 (C)	Structural	(9002+5000)*1.35+4012*0.54+5003*1.01+4112*0.27+6106*0.90
14279 (C)	Structural	(9002+5000)*1.35+4012*0.54+5003*1.01+4112*0.27+6107*0.90
14280 (C)	Structural	(9002+5000)*1.35+4012*0.54+5003*1.01+4112*0.27+6108*0.90
14281 (C)	Structural	(9002+5000)*1.35+4012*0.54+5004*1.01+4112*0.27+6101*0.90
14282 (C)	Structural	(9002+5000)*1.35+4012*0.54+5004*1.01+4112*0.27+6102*0.90
14283 (C)	Structural	(9002+5000)*1.35+4012*0.54+5004*1.01+4112*0.27+6103*0.90
14284 (C)	Structural	(9002+5000)*1.35+4012*0.54+5004*1.01+4112*0.27+6104*0.90
14285 (C)	Structural	(9002+5000)*1.35+4012*0.54+5004*1.01+4112*0.27+6105*0.90
14286 (C)	Structural	(9002+5000)*1.35+4012*0.54+5004*1.01+4112*0.27+6106*0.90
14287 (C)	Structural	(9002+5000)*1.35+4012*0.54+5004*1.01+4112*0.27+6107*0.90
14288 (C)	Structural	(9002+5000)*1.35+4012*0.54+5004*1.01+4112*0.27+6108*0.90
14289 (C)	Structural	(9002+5000)*1.35+4012*0.54+5005*1.01+4112*0.27+6101*0.90
14290 (C)	Structural	(9002+5000)*1.35+4012*0.54+5005*1.01+4112*0.27+6102*0.90
14291 (C)	Structural	(9002+5000)*1.35+4012*0.54+5005*1.01+4112*0.27+6103*0.90
14292 (C)	Structural	(9002+5000)*1.35+4012*0.54+5005*1.01+4112*0.27+6104*0.90
14293 (C)	Structural	(9002+5000)*1.35+4012*0.54+5005*1.01+4112*0.27+6105*0.90
14294 (C)	Structural	(9002+5000)*1.35+4012*0.54+5005*1.01+4112*0.27+6106*0.90
14295 (C)	Structural	(9002+5000)*1.35+4012*0.54+5005*1.01+4112*0.27+6107*0.90
14296 (C)	Structural	(9002+5000)*1.35+4012*0.54+5005*1.01+4112*0.27+6108*0.90
14297 (C)	Structural	(9002+5000)*1.35+4012*0.54+5006*1.01+4112*0.27+6101*0.90
14298 (C)	Structural	(9002+5000)*1.35+4012*0.54+5006*1.01+4112*0.27+6102*0.90
14299 (C)	Structural	(9002+5000)*1.35+4012*0.54+5006*1.01+4112*0.27+6103*0.90
14300 (C)	Structural	(9002+5000)*1.35+4012*0.54+5006*1.01+4112*0.27+6104*0.90
14301 (C)	Structural	(9002+5000)*1.35+4012*0.54+5006*1.01+4112*0.27+6105*0.90
14302 (C)	Structural	(9002+5000)*1.35+4012*0.54+5006*1.01+4112*0.27+6106*0.90
14303 (C)	Structural	(9002+5000)*1.35+4012*0.54+5006*1.01+4112*0.27+6107*0.90
14304 (C)	Structural	(9002+5000)*1.35+4012*0.54+5006*1.01+4112*0.27+6108*0.90
14305 (C)	Structural	(9002+5000)*1.35+4012*0.54+5007*1.01+4112*0.27+6101*0.90
14306 (C)	Structural	(9002+5000)*1.35+4012*0.54+5007*1.01+4112*0.27+6102*0.90
14307 (C)	Structural	(9002+5000)*1.35+4012*0.54+5007*1.01+4112*0.27+6103*0.90
14308 (C)	Structural	(9002+5000)*1.35+4012*0.54+5007*1.01+4112*0.27+6104*0.90
14309 (C)	Structural	(9002+5000)*1.35+4012*0.54+5007*1.01+4112*0.27+6105*0.90
14310 (C)	Structural	(9002+5000)*1.35+4012*0.54+5007*1.01+4112*0.27+6106*0.90
14311 (C)	Structural	(9002+5000)*1.35+4012*0.54+5007*1.01+4112*0.27+6107*0.90
14312 (C)	Structural	(9002+5000)*1.35+4012*0.54+5007*1.01+4112*0.27+6108*0.90
14313 (C)	Structural	(9002+5000)*1.35+4013*0.54+5001*1.01+4113*0.27+6101*0.90
14314 (C)	Structural	(9002+5000)*1.35+4013*0.54+5001*1.01+4113*0.27+6102*0.90
14315 (C)	Structural	(9002+5000)*1.35+4013*0.54+5001*1.01+4113*0.27+6103*0.90
14316 (C)	Structural	(9002+5000)*1.35+4013*0.54+5001*1.01+4113*0.27+6104*0.90
14317 (C)	Structural	(9002+5000)*1.35+4013*0.54+5001*1.01+4113*0.27+6105*0.90
14318 (C)	Structural	(9002+5000)*1.35+4013*0.54+5001*1.01+4113*0.27+6106*0.90
14319 (C)	Structural	(9002+5000)*1.35+4013*0.54+5001*1.01+4113*0.27+6107*0.90
14320 (C)	Structural	(9002+5000)*1.35+4013*0.54+5001*1.01+4113*0.27+6108*0.90
14321 (C)	Structural	(9002+5000)*1.35+4013*0.54+5002*1.01+4113*0.27+6101*0.90
14322 (C)	Structural	(9002+5000)*1.35+4013*0.54+5002*1.01+4113*0.27+6102*0.90
14323 (C)	Structural	(9002+5000)*1.35+4013*0.54+5002*1.01+4113*0.27+6103*0.90

Combinations	Case nature	Definition
14324 (C)	Structural	(9002+5000)*1.35+4013*0.54+5002*1.01+4113*0.27+6104*0.90
14325 (C)	Structural	(9002+5000)*1.35+4013*0.54+5002*1.01+4113*0.27+6105*0.90
14326 (C)	Structural	(9002+5000)*1.35+4013*0.54+5002*1.01+4113*0.27+6106*0.90
14327 (C)	Structural	(9002+5000)*1.35+4013*0.54+5002*1.01+4113*0.27+6107*0.90
14328 (C)	Structural	(9002+5000)*1.35+4013*0.54+5002*1.01+4113*0.27+6108*0.90
14329 (C)	Structural	(9002+5000)*1.35+4013*0.54+5003*1.01+4113*0.27+6101*0.90
14330 (C)	Structural	(9002+5000)*1.35+4013*0.54+5003*1.01+4113*0.27+6102*0.90
14331 (C)	Structural	(9002+5000)*1.35+4013*0.54+5003*1.01+4113*0.27+6103*0.90
14332 (C)	Structural	(9002+5000)*1.35+4013*0.54+5003*1.01+4113*0.27+6104*0.90
14333 (C)	Structural	(9002+5000)*1.35+4013*0.54+5003*1.01+4113*0.27+6105*0.90
14334 (C)	Structural	(9002+5000)*1.35+4013*0.54+5003*1.01+4113*0.27+6106*0.90
14335 (C)	Structural	(9002+5000)*1.35+4013*0.54+5003*1.01+4113*0.27+6107*0.90
14336 (C)	Structural	(9002+5000)*1.35+4013*0.54+5003*1.01+4113*0.27+6108*0.90
14337 (C)	Structural	(9002+5000)*1.35+4013*0.54+5004*1.01+4113*0.27+6101*0.90
14338 (C)	Structural	(9002+5000)*1.35+4013*0.54+5004*1.01+4113*0.27+6102*0.90
14339 (C)	Structural	(9002+5000)*1.35+4013*0.54+5004*1.01+4113*0.27+6103*0.90
14340 (C)	Structural	(9002+5000)*1.35+4013*0.54+5004*1.01+4113*0.27+6104*0.90
14341 (C)	Structural	(9002+5000)*1.35+4013*0.54+5004*1.01+4113*0.27+6105*0.90
14342 (C)	Structural	(9002+5000)*1.35+4013*0.54+5004*1.01+4113*0.27+6106*0.90
14343 (C)	Structural	(9002+5000)*1.35+4013*0.54+5004*1.01+4113*0.27+6107*0.90
14344 (C)	Structural	(9002+5000)*1.35+4013*0.54+5004*1.01+4113*0.27+6108*0.90
14345 (C)	Structural	(9002+5000)*1.35+4013*0.54+5005*1.01+4113*0.27+6101*0.90
14346 (C)	Structural	(9002+5000)*1.35+4013*0.54+5005*1.01+4113*0.27+6102*0.90
14347 (C)	Structural	(9002+5000)*1.35+4013*0.54+5005*1.01+4113*0.27+6103*0.90
14348 (C)	Structural	(9002+5000)*1.35+4013*0.54+5005*1.01+4113*0.27+6104*0.90
14349 (C)	Structural	(9002+5000)*1.35+4013*0.54+5005*1.01+4113*0.27+6105*0.90
14350 (C)	Structural	(9002+5000)*1.35+4013*0.54+5005*1.01+4113*0.27+6106*0.90
14351 (C)	Structural	(9002+5000)*1.35+4013*0.54+5005*1.01+4113*0.27+6107*0.90
14352 (C)	Structural	(9002+5000)*1.35+4013*0.54+5005*1.01+4113*0.27+6108*0.90
14353 (C)	Structural	(9002+5000)*1.35+4013*0.54+5006*1.01+4113*0.27+6101*0.90
14354 (C)	Structural	(9002+5000)*1.35+4013*0.54+5006*1.01+4113*0.27+6102*0.90
14355 (C)	Structural	(9002+5000)*1.35+4013*0.54+5006*1.01+4113*0.27+6103*0.90
14356 (C)	Structural	(9002+5000)*1.35+4013*0.54+5006*1.01+4113*0.27+6104*0.90
14357 (C)	Structural	(9002+5000)*1.35+4013*0.54+5006*1.01+4113*0.27+6105*0.90
14358 (C)	Structural	(9002+5000)*1.35+4013*0.54+5006*1.01+4113*0.27+6106*0.90
14359 (C)	Structural	(9002+5000)*1.35+4013*0.54+5006*1.01+4113*0.27+6107*0.90
14360 (C)	Structural	(9002+5000)*1.35+4013*0.54+5006*1.01+4113*0.27+6108*0.90
14361 (C)	Structural	(9002+5000)*1.35+4013*0.54+5007*1.01+4113*0.27+6101*0.90
14362 (C)	Structural	(9002+5000)*1.35+4013*0.54+5007*1.01+4113*0.27+6102*0.90
14363 (C)	Structural	(9002+5000)*1.35+4013*0.54+5007*1.01+4113*0.27+6103*0.90
14364 (C)	Structural	(9002+5000)*1.35+4013*0.54+5007*1.01+4113*0.27+6104*0.90
14365 (C)	Structural	(9002+5000)*1.35+4013*0.54+5007*1.01+4113*0.27+6105*0.90
14366 (C)	Structural	(9002+5000)*1.35+4013*0.54+5007*1.01+4113*0.27+6106*0.90
14367 (C)	Structural	(9002+5000)*1.35+4013*0.54+5007*1.01+4113*0.27+6107*0.90
14368 (C)	Structural	(9002+5000)*1.35+4013*0.54+5007*1.01+4113*0.27+6108*0.90
14369 (C)	Structural	(9002+5000)*1.35+4014*0.54+5001*1.01+4114*0.27+6101*0.90
14370 (C)	Structural	(9002+5000)*1.35+4014*0.54+5001*1.01+4114*0.27+6102*0.90
14371 (C)	Structural	(9002+5000)*1.35+4014*0.54+5001*1.01+4114*0.27+6103*0.90
14372 (C)	Structural	(9002+5000)*1.35+4014*0.54+5001*1.01+4114*0.27+6104*0.90
14373 (C)	Structural	(9002+5000)*1.35+4014*0.54+5001*1.01+4114*0.27+6105*0.90
14374 (C)	Structural	(9002+5000)*1.35+4014*0.54+5001*1.01+4114*0.27+6106*0.90
14375 (C)	Structural	(9002+5000)*1.35+4014*0.54+5001*1.01+4114*0.27+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
14376 (C)	Structural	(9002+5000)*1.35+4014*0.54+5001*1.01+4114*0.27+6108*0.90
14377 (C)	Structural	(9002+5000)*1.35+4014*0.54+5002*1.01+4114*0.27+6101*0.90
14378 (C)	Structural	(9002+5000)*1.35+4014*0.54+5002*1.01+4114*0.27+6102*0.90
14379 (C)	Structural	(9002+5000)*1.35+4014*0.54+5002*1.01+4114*0.27+6103*0.90
14380 (C)	Structural	(9002+5000)*1.35+4014*0.54+5002*1.01+4114*0.27+6104*0.90
14381 (C)	Structural	(9002+5000)*1.35+4014*0.54+5002*1.01+4114*0.27+6105*0.90
14382 (C)	Structural	(9002+5000)*1.35+4014*0.54+5002*1.01+4114*0.27+6106*0.90
14383 (C)	Structural	(9002+5000)*1.35+4014*0.54+5002*1.01+4114*0.27+6107*0.90
14384 (C)	Structural	(9002+5000)*1.35+4014*0.54+5002*1.01+4114*0.27+6108*0.90
14385 (C)	Structural	(9002+5000)*1.35+4014*0.54+5003*1.01+4114*0.27+6101*0.90
14386 (C)	Structural	(9002+5000)*1.35+4014*0.54+5003*1.01+4114*0.27+6102*0.90
14387 (C)	Structural	(9002+5000)*1.35+4014*0.54+5003*1.01+4114*0.27+6103*0.90
14388 (C)	Structural	(9002+5000)*1.35+4014*0.54+5003*1.01+4114*0.27+6104*0.90
14389 (C)	Structural	(9002+5000)*1.35+4014*0.54+5003*1.01+4114*0.27+6105*0.90
14390 (C)	Structural	(9002+5000)*1.35+4014*0.54+5003*1.01+4114*0.27+6106*0.90
14391 (C)	Structural	(9002+5000)*1.35+4014*0.54+5003*1.01+4114*0.27+6107*0.90
14392 (C)	Structural	(9002+5000)*1.35+4014*0.54+5003*1.01+4114*0.27+6108*0.90
14393 (C)	Structural	(9002+5000)*1.35+4014*0.54+5004*1.01+4114*0.27+6101*0.90
14394 (C)	Structural	(9002+5000)*1.35+4014*0.54+5004*1.01+4114*0.27+6102*0.90
14395 (C)	Structural	(9002+5000)*1.35+4014*0.54+5004*1.01+4114*0.27+6103*0.90
14396 (C)	Structural	(9002+5000)*1.35+4014*0.54+5004*1.01+4114*0.27+6104*0.90
14397 (C)	Structural	(9002+5000)*1.35+4014*0.54+5004*1.01+4114*0.27+6105*0.90
14398 (C)	Structural	(9002+5000)*1.35+4014*0.54+5004*1.01+4114*0.27+6106*0.90
14399 (C)	Structural	(9002+5000)*1.35+4014*0.54+5004*1.01+4114*0.27+6107*0.90
14400 (C)	Structural	(9002+5000)*1.35+4014*0.54+5004*1.01+4114*0.27+6108*0.90
14401 (C)	Structural	(9002+5000)*1.35+4014*0.54+5005*1.01+4114*0.27+6101*0.90
14402 (C)	Structural	(9002+5000)*1.35+4014*0.54+5005*1.01+4114*0.27+6102*0.90
14403 (C)	Structural	(9002+5000)*1.35+4014*0.54+5005*1.01+4114*0.27+6103*0.90
14404 (C)	Structural	(9002+5000)*1.35+4014*0.54+5005*1.01+4114*0.27+6104*0.90
14405 (C)	Structural	(9002+5000)*1.35+4014*0.54+5005*1.01+4114*0.27+6105*0.90
14406 (C)	Structural	(9002+5000)*1.35+4014*0.54+5005*1.01+4114*0.27+6106*0.90
14407 (C)	Structural	(9002+5000)*1.35+4014*0.54+5005*1.01+4114*0.27+6107*0.90
14408 (C)	Structural	(9002+5000)*1.35+4014*0.54+5005*1.01+4114*0.27+6108*0.90
14409 (C)	Structural	(9002+5000)*1.35+4014*0.54+5006*1.01+4114*0.27+6101*0.90
14410 (C)	Structural	(9002+5000)*1.35+4014*0.54+5006*1.01+4114*0.27+6102*0.90
14411 (C)	Structural	(9002+5000)*1.35+4014*0.54+5006*1.01+4114*0.27+6103*0.90
14412 (C)	Structural	(9002+5000)*1.35+4014*0.54+5006*1.01+4114*0.27+6104*0.90
14413 (C)	Structural	(9002+5000)*1.35+4014*0.54+5006*1.01+4114*0.27+6105*0.90
14414 (C)	Structural	(9002+5000)*1.35+4014*0.54+5006*1.01+4114*0.27+6106*0.90
14415 (C)	Structural	(9002+5000)*1.35+4014*0.54+5006*1.01+4114*0.27+6107*0.90
14416 (C)	Structural	(9002+5000)*1.35+4014*0.54+5006*1.01+4114*0.27+6108*0.90
14417 (C)	Structural	(9002+5000)*1.35+4014*0.54+5007*1.01+4114*0.27+6101*0.90
14418 (C)	Structural	(9002+5000)*1.35+4014*0.54+5007*1.01+4114*0.27+6102*0.90
14419 (C)	Structural	(9002+5000)*1.35+4014*0.54+5007*1.01+4114*0.27+6103*0.90
14420 (C)	Structural	(9002+5000)*1.35+4014*0.54+5007*1.01+4114*0.27+6104*0.90
14421 (C)	Structural	(9002+5000)*1.35+4014*0.54+5007*1.01+4114*0.27+6105*0.90
14422 (C)	Structural	(9002+5000)*1.35+4014*0.54+5007*1.01+4114*0.27+6106*0.90
14423 (C)	Structural	(9002+5000)*1.35+4014*0.54+5007*1.01+4114*0.27+6107*0.90
14424 (C)	Structural	(9002+5000)*1.35+4014*0.54+5007*1.01+4114*0.27+6108*0.90
14425 (C)	Structural	(9002+5000)*1.35+4015*0.54+5001*1.01+4115*0.27+6101*0.90
14426 (C)	Structural	(9002+5000)*1.35+4015*0.54+5001*1.01+4115*0.27+6102*0.90
14427 (C)	Structural	(9002+5000)*1.35+4015*0.54+5001*1.01+4115*0.27+6103*0.90

Combinations	Case nature	Definition
14428 (C)	Structural	(9002+5000)*1.35+4015*0.54+5001*1.01+4115*0.27+6104*0.90
14429 (C)	Structural	(9002+5000)*1.35+4015*0.54+5001*1.01+4115*0.27+6105*0.90
14430 (C)	Structural	(9002+5000)*1.35+4015*0.54+5001*1.01+4115*0.27+6106*0.90
14431 (C)	Structural	(9002+5000)*1.35+4015*0.54+5001*1.01+4115*0.27+6107*0.90
14432 (C)	Structural	(9002+5000)*1.35+4015*0.54+5001*1.01+4115*0.27+6108*0.90
14433 (C)	Structural	(9002+5000)*1.35+4015*0.54+5002*1.01+4115*0.27+6101*0.90
14434 (C)	Structural	(9002+5000)*1.35+4015*0.54+5002*1.01+4115*0.27+6102*0.90
14435 (C)	Structural	(9002+5000)*1.35+4015*0.54+5002*1.01+4115*0.27+6103*0.90
14436 (C)	Structural	(9002+5000)*1.35+4015*0.54+5002*1.01+4115*0.27+6104*0.90
14437 (C)	Structural	(9002+5000)*1.35+4015*0.54+5002*1.01+4115*0.27+6105*0.90
14438 (C)	Structural	(9002+5000)*1.35+4015*0.54+5002*1.01+4115*0.27+6106*0.90
14439 (C)	Structural	(9002+5000)*1.35+4015*0.54+5002*1.01+4115*0.27+6107*0.90
14440 (C)	Structural	(9002+5000)*1.35+4015*0.54+5002*1.01+4115*0.27+6108*0.90
14441 (C)	Structural	(9002+5000)*1.35+4015*0.54+5003*1.01+4115*0.27+6101*0.90
14442 (C)	Structural	(9002+5000)*1.35+4015*0.54+5003*1.01+4115*0.27+6102*0.90
14443 (C)	Structural	(9002+5000)*1.35+4015*0.54+5003*1.01+4115*0.27+6103*0.90
14444 (C)	Structural	(9002+5000)*1.35+4015*0.54+5003*1.01+4115*0.27+6104*0.90
14445 (C)	Structural	(9002+5000)*1.35+4015*0.54+5003*1.01+4115*0.27+6105*0.90
14446 (C)	Structural	(9002+5000)*1.35+4015*0.54+5003*1.01+4115*0.27+6106*0.90
14447 (C)	Structural	(9002+5000)*1.35+4015*0.54+5003*1.01+4115*0.27+6107*0.90
14448 (C)	Structural	(9002+5000)*1.35+4015*0.54+5003*1.01+4115*0.27+6108*0.90
14449 (C)	Structural	(9002+5000)*1.35+4015*0.54+5004*1.01+4115*0.27+6101*0.90
14450 (C)	Structural	(9002+5000)*1.35+4015*0.54+5004*1.01+4115*0.27+6102*0.90
14451 (C)	Structural	(9002+5000)*1.35+4015*0.54+5004*1.01+4115*0.27+6103*0.90
14452 (C)	Structural	(9002+5000)*1.35+4015*0.54+5004*1.01+4115*0.27+6104*0.90
14453 (C)	Structural	(9002+5000)*1.35+4015*0.54+5004*1.01+4115*0.27+6105*0.90
14454 (C)	Structural	(9002+5000)*1.35+4015*0.54+5004*1.01+4115*0.27+6106*0.90
14455 (C)	Structural	(9002+5000)*1.35+4015*0.54+5004*1.01+4115*0.27+6107*0.90
14456 (C)	Structural	(9002+5000)*1.35+4015*0.54+5004*1.01+4115*0.27+6108*0.90
14457 (C)	Structural	(9002+5000)*1.35+4015*0.54+5005*1.01+4115*0.27+6101*0.90
14458 (C)	Structural	(9002+5000)*1.35+4015*0.54+5005*1.01+4115*0.27+6102*0.90
14459 (C)	Structural	(9002+5000)*1.35+4015*0.54+5005*1.01+4115*0.27+6103*0.90
14460 (C)	Structural	(9002+5000)*1.35+4015*0.54+5005*1.01+4115*0.27+6104*0.90
14461 (C)	Structural	(9002+5000)*1.35+4015*0.54+5005*1.01+4115*0.27+6105*0.90
14462 (C)	Structural	(9002+5000)*1.35+4015*0.54+5005*1.01+4115*0.27+6106*0.90
14463 (C)	Structural	(9002+5000)*1.35+4015*0.54+5005*1.01+4115*0.27+6107*0.90
14464 (C)	Structural	(9002+5000)*1.35+4015*0.54+5005*1.01+4115*0.27+6108*0.90
14465 (C)	Structural	(9002+5000)*1.35+4015*0.54+5006*1.01+4115*0.27+6101*0.90
14466 (C)	Structural	(9002+5000)*1.35+4015*0.54+5006*1.01+4115*0.27+6102*0.90
14467 (C)	Structural	(9002+5000)*1.35+4015*0.54+5006*1.01+4115*0.27+6103*0.90
14468 (C)	Structural	(9002+5000)*1.35+4015*0.54+5006*1.01+4115*0.27+6104*0.90
14469 (C)	Structural	(9002+5000)*1.35+4015*0.54+5006*1.01+4115*0.27+6105*0.90
14470 (C)	Structural	(9002+5000)*1.35+4015*0.54+5006*1.01+4115*0.27+6106*0.90
14471 (C)	Structural	(9002+5000)*1.35+4015*0.54+5006*1.01+4115*0.27+6107*0.90
14472 (C)	Structural	(9002+5000)*1.35+4015*0.54+5006*1.01+4115*0.27+6108*0.90
14473 (C)	Structural	(9002+5000)*1.35+4015*0.54+5007*1.01+4115*0.27+6101*0.90
14474 (C)	Structural	(9002+5000)*1.35+4015*0.54+5007*1.01+4115*0.27+6102*0.90
14475 (C)	Structural	(9002+5000)*1.35+4015*0.54+5007*1.01+4115*0.27+6103*0.90
14476 (C)	Structural	(9002+5000)*1.35+4015*0.54+5007*1.01+4115*0.27+6104*0.90
14477 (C)	Structural	(9002+5000)*1.35+4015*0.54+5007*1.01+4115*0.27+6105*0.90
14478 (C)	Structural	(9002+5000)*1.35+4015*0.54+5007*1.01+4115*0.27+6106*0.90
14479 (C)	Structural	(9002+5000)*1.35+4015*0.54+5007*1.01+4115*0.27+6107*0.90

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
14480 (C)	Structural	(9002+5000)*1.35+4015*0.54+5007*1.01+4115*0.27+6108*0.90
14481 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+6101*1.50
14482 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+6102*1.50
14483 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+6103*1.50
14484 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+6104*1.50
14485 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+6105*1.50
14486 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+6106*1.50
14487 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+6107*1.50
14488 (C)	Structural	9001*1.00+4000*0.54+5001*1.01+4100*0.27+6108*1.50
14489 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+6101*1.50
14490 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+6102*1.50
14491 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+6103*1.50
14492 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+6104*1.50
14493 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+6105*1.50
14494 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+6106*1.50
14495 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+6107*1.50
14496 (C)	Structural	9001*1.00+4000*0.54+5002*1.01+4100*0.27+6108*1.50
14497 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+6101*1.50
14498 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+6102*1.50
14499 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+6103*1.50
14500 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+6104*1.50
14501 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+6105*1.50
14502 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+6106*1.50
14503 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+6107*1.50
14504 (C)	Structural	9001*1.00+4000*0.54+5003*1.01+4100*0.27+6108*1.50
14505 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+6101*1.50
14506 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+6102*1.50
14507 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+6103*1.50
14508 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+6104*1.50
14509 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+6105*1.50
14510 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+6106*1.50
14511 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+6107*1.50
14512 (C)	Structural	9001*1.00+4000*0.54+5004*1.01+4100*0.27+6108*1.50
14513 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+6101*1.50
14514 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+6102*1.50
14515 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+6103*1.50
14516 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+6104*1.50
14517 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+6105*1.50
14518 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+6106*1.50
14519 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+6107*1.50
14520 (C)	Structural	9001*1.00+4000*0.54+5005*1.01+4100*0.27+6108*1.50
14521 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+6101*1.50
14522 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+6102*1.50
14523 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+6103*1.50
14524 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+6104*1.50
14525 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+6105*1.50
14526 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+6106*1.50
14527 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+6107*1.50
14528 (C)	Structural	9001*1.00+4000*0.54+5006*1.01+4100*0.27+6108*1.50
14529 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+6101*1.50
14530 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+6102*1.50
14531 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+6103*1.50

Combinations	Case nature	Definition
14532 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+6104*1.50
14533 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+6105*1.50
14534 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+6106*1.50
14535 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+6107*1.50
14536 (C)	Structural	9001*1.00+4000*0.54+5007*1.01+4100*0.27+6108*1.50
14537 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+6101*1.50
14538 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+6102*1.50
14539 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+6103*1.50
14540 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+6104*1.50
14541 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+6105*1.50
14542 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+6106*1.50
14543 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+6107*1.50
14544 (C)	Structural	9001*1.00+4001*0.54+5001*1.01+4101*0.27+6108*1.50
14545 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+6101*1.50
14546 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+6102*1.50
14547 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+6103*1.50
14548 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+6104*1.50
14549 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+6105*1.50
14550 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+6106*1.50
14551 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+6107*1.50
14552 (C)	Structural	9001*1.00+4001*0.54+5002*1.01+4101*0.27+6108*1.50
14553 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+6101*1.50
14554 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+6102*1.50
14555 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+6103*1.50
14556 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+6104*1.50
14557 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+6105*1.50
14558 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+6106*1.50
14559 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+6107*1.50
14560 (C)	Structural	9001*1.00+4001*0.54+5003*1.01+4101*0.27+6108*1.50
14561 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+6101*1.50
14562 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+6102*1.50
14563 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+6103*1.50
14564 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+6104*1.50
14565 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+6105*1.50
14566 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+6106*1.50
14567 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+6107*1.50
14568 (C)	Structural	9001*1.00+4001*0.54+5004*1.01+4101*0.27+6108*1.50
14569 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+6101*1.50
14570 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+6102*1.50
14571 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+6103*1.50
14572 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+6104*1.50
14573 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+6105*1.50
14574 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+6106*1.50
14575 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+6107*1.50
14576 (C)	Structural	9001*1.00+4001*0.54+5005*1.01+4101*0.27+6108*1.50
14577 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+6101*1.50
14578 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+6102*1.50
14579 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+6103*1.50
14580 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+6104*1.50
14581 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+6105*1.50
14582 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+6106*1.50
14583 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
14584 (C)	Structural	9001*1.00+4001*0.54+5006*1.01+4101*0.27+6108*1.50
14585 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+6101*1.50
14586 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+6102*1.50
14587 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+6103*1.50
14588 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+6104*1.50
14589 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+6105*1.50
14590 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+6106*1.50
14591 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+6107*1.50
14592 (C)	Structural	9001*1.00+4001*0.54+5007*1.01+4101*0.27+6108*1.50
14593 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+6101*1.50
14594 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+6102*1.50
14595 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+6103*1.50
14596 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+6104*1.50
14597 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+6105*1.50
14598 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+6106*1.50
14599 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+6107*1.50
14600 (C)	Structural	9001*1.00+4002*0.54+5001*1.01+4102*0.27+6108*1.50
14601 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+6101*1.50
14602 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+6102*1.50
14603 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+6103*1.50
14604 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+6104*1.50
14605 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+6105*1.50
14606 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+6106*1.50
14607 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+6107*1.50
14608 (C)	Structural	9001*1.00+4002*0.54+5002*1.01+4102*0.27+6108*1.50
14609 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+6101*1.50
14610 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+6102*1.50
14611 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+6103*1.50
14612 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+6104*1.50
14613 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+6105*1.50
14614 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+6106*1.50
14615 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+6107*1.50
14616 (C)	Structural	9001*1.00+4002*0.54+5003*1.01+4102*0.27+6108*1.50
14617 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+6101*1.50
14618 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+6102*1.50
14619 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+6103*1.50
14620 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+6104*1.50
14621 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+6105*1.50
14622 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+6106*1.50
14623 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+6107*1.50
14624 (C)	Structural	9001*1.00+4002*0.54+5004*1.01+4102*0.27+6108*1.50
14625 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+6101*1.50
14626 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+6102*1.50
14627 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+6103*1.50
14628 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+6104*1.50
14629 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+6105*1.50
14630 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+6106*1.50
14631 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+6107*1.50
14632 (C)	Structural	9001*1.00+4002*0.54+5005*1.01+4102*0.27+6108*1.50
14633 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+6101*1.50
14634 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+6102*1.50
14635 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+6103*1.50

Combinations	Case nature	Definition
14636 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+6104*1.50
14637 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+6105*1.50
14638 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+6106*1.50
14639 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+6107*1.50
14640 (C)	Structural	9001*1.00+4002*0.54+5006*1.01+4102*0.27+6108*1.50
14641 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+6101*1.50
14642 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+6102*1.50
14643 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+6103*1.50
14644 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+6104*1.50
14645 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+6105*1.50
14646 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+6106*1.50
14647 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+6107*1.50
14648 (C)	Structural	9001*1.00+4002*0.54+5007*1.01+4102*0.27+6108*1.50
14649 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+6101*1.50
14650 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+6102*1.50
14651 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+6103*1.50
14652 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+6104*1.50
14653 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+6105*1.50
14654 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+6106*1.50
14655 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+6107*1.50
14656 (C)	Structural	9001*1.00+4003*0.54+5001*1.01+4103*0.27+6108*1.50
14657 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+6101*1.50
14658 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+6102*1.50
14659 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+6103*1.50
14660 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+6104*1.50
14661 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+6105*1.50
14662 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+6106*1.50
14663 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+6107*1.50
14664 (C)	Structural	9001*1.00+4003*0.54+5002*1.01+4103*0.27+6108*1.50
14665 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+6101*1.50
14666 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+6102*1.50
14667 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+6103*1.50
14668 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+6104*1.50
14669 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+6105*1.50
14670 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+6106*1.50
14671 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+6107*1.50
14672 (C)	Structural	9001*1.00+4003*0.54+5003*1.01+4103*0.27+6108*1.50
14673 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+6101*1.50
14674 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+6102*1.50
14675 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+6103*1.50
14676 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+6104*1.50
14677 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+6105*1.50
14678 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+6106*1.50
14679 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+6107*1.50
14680 (C)	Structural	9001*1.00+4003*0.54+5004*1.01+4103*0.27+6108*1.50
14681 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+6101*1.50
14682 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+6102*1.50
14683 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+6103*1.50
14684 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+6104*1.50
14685 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+6105*1.50
14686 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+6106*1.50
14687 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
14688 (C)	Structural	9001*1.00+4003*0.54+5005*1.01+4103*0.27+6108*1.50
14689 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+6101*1.50
14690 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+6102*1.50
14691 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+6103*1.50
14692 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+6104*1.50
14693 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+6105*1.50
14694 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+6106*1.50
14695 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+6107*1.50
14696 (C)	Structural	9001*1.00+4003*0.54+5006*1.01+4103*0.27+6108*1.50
14697 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+6101*1.50
14698 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+6102*1.50
14699 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+6103*1.50
14700 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+6104*1.50
14701 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+6105*1.50
14702 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+6106*1.50
14703 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+6107*1.50
14704 (C)	Structural	9001*1.00+4003*0.54+5007*1.01+4103*0.27+6108*1.50
14705 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+6101*1.50
14706 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+6102*1.50
14707 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+6103*1.50
14708 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+6104*1.50
14709 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+6105*1.50
14710 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+6106*1.50
14711 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+6107*1.50
14712 (C)	Structural	9001*1.00+4004*0.54+5001*1.01+4104*0.27+6108*1.50
14713 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+6101*1.50
14714 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+6102*1.50
14715 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+6103*1.50
14716 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+6104*1.50
14717 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+6105*1.50
14718 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+6106*1.50
14719 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+6107*1.50
14720 (C)	Structural	9001*1.00+4004*0.54+5002*1.01+4104*0.27+6108*1.50
14721 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+6101*1.50
14722 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+6102*1.50
14723 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+6103*1.50
14724 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+6104*1.50
14725 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+6105*1.50
14726 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+6106*1.50
14727 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+6107*1.50
14728 (C)	Structural	9001*1.00+4004*0.54+5003*1.01+4104*0.27+6108*1.50
14729 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+6101*1.50
14730 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+6102*1.50
14731 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+6103*1.50
14732 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+6104*1.50
14733 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+6105*1.50
14734 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+6106*1.50
14735 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+6107*1.50
14736 (C)	Structural	9001*1.00+4004*0.54+5004*1.01+4104*0.27+6108*1.50
14737 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+6101*1.50
14738 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+6102*1.50
14739 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+6103*1.50

Combinations	Case nature	Definition
14740 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+6104*1.50
14741 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+6105*1.50
14742 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+6106*1.50
14743 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+6107*1.50
14744 (C)	Structural	9001*1.00+4004*0.54+5005*1.01+4104*0.27+6108*1.50
14745 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+6101*1.50
14746 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+6102*1.50
14747 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+6103*1.50
14748 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+6104*1.50
14749 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+6105*1.50
14750 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+6106*1.50
14751 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+6107*1.50
14752 (C)	Structural	9001*1.00+4004*0.54+5006*1.01+4104*0.27+6108*1.50
14753 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+6101*1.50
14754 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+6102*1.50
14755 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+6103*1.50
14756 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+6104*1.50
14757 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+6105*1.50
14758 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+6106*1.50
14759 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+6107*1.50
14760 (C)	Structural	9001*1.00+4004*0.54+5007*1.01+4104*0.27+6108*1.50
14761 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+6101*1.50
14762 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+6102*1.50
14763 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+6103*1.50
14764 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+6104*1.50
14765 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+6105*1.50
14766 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+6106*1.50
14767 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+6107*1.50
14768 (C)	Structural	9001*1.00+4005*0.54+5001*1.01+4105*0.27+6108*1.50
14769 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+6101*1.50
14770 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+6102*1.50
14771 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+6103*1.50
14772 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+6104*1.50
14773 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+6105*1.50
14774 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+6106*1.50
14775 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+6107*1.50
14776 (C)	Structural	9001*1.00+4005*0.54+5002*1.01+4105*0.27+6108*1.50
14777 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+6101*1.50
14778 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+6102*1.50
14779 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+6103*1.50
14780 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+6104*1.50
14781 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+6105*1.50
14782 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+6106*1.50
14783 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+6107*1.50
14784 (C)	Structural	9001*1.00+4005*0.54+5003*1.01+4105*0.27+6108*1.50
14785 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+6101*1.50
14786 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+6102*1.50
14787 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+6103*1.50
14788 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+6104*1.50
14789 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+6105*1.50
14790 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+6106*1.50
14791 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
14792 (C)	Structural	9001*1.00+4005*0.54+5004*1.01+4105*0.27+6108*1.50
14793 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+6101*1.50
14794 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+6102*1.50
14795 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+6103*1.50
14796 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+6104*1.50
14797 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+6105*1.50
14798 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+6106*1.50
14799 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+6107*1.50
14800 (C)	Structural	9001*1.00+4005*0.54+5005*1.01+4105*0.27+6108*1.50
14801 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+6101*1.50
14802 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+6102*1.50
14803 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+6103*1.50
14804 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+6104*1.50
14805 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+6105*1.50
14806 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+6106*1.50
14807 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+6107*1.50
14808 (C)	Structural	9001*1.00+4005*0.54+5006*1.01+4105*0.27+6108*1.50
14809 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+6101*1.50
14810 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+6102*1.50
14811 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+6103*1.50
14812 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+6104*1.50
14813 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+6105*1.50
14814 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+6106*1.50
14815 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+6107*1.50
14816 (C)	Structural	9001*1.00+4005*0.54+5007*1.01+4105*0.27+6108*1.50
14817 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+6101*1.50
14818 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+6102*1.50
14819 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+6103*1.50
14820 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+6104*1.50
14821 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+6105*1.50
14822 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+6106*1.50
14823 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+6107*1.50
14824 (C)	Structural	9001*1.00+4006*0.54+5001*1.01+4106*0.27+6108*1.50
14825 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+6101*1.50
14826 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+6102*1.50
14827 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+6103*1.50
14828 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+6104*1.50
14829 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+6105*1.50
14830 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+6106*1.50
14831 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+6107*1.50
14832 (C)	Structural	9001*1.00+4006*0.54+5002*1.01+4106*0.27+6108*1.50
14833 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+6101*1.50
14834 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+6102*1.50
14835 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+6103*1.50
14836 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+6104*1.50
14837 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+6105*1.50
14838 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+6106*1.50
14839 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+6107*1.50
14840 (C)	Structural	9001*1.00+4006*0.54+5003*1.01+4106*0.27+6108*1.50
14841 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+6101*1.50
14842 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+6102*1.50
14843 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+6103*1.50

Combinations	Case nature	Definition
14844 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+6104*1.50
14845 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+6105*1.50
14846 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+6106*1.50
14847 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+6107*1.50
14848 (C)	Structural	9001*1.00+4006*0.54+5004*1.01+4106*0.27+6108*1.50
14849 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+6101*1.50
14850 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+6102*1.50
14851 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+6103*1.50
14852 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+6104*1.50
14853 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+6105*1.50
14854 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+6106*1.50
14855 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+6107*1.50
14856 (C)	Structural	9001*1.00+4006*0.54+5005*1.01+4106*0.27+6108*1.50
14857 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+6101*1.50
14858 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+6102*1.50
14859 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+6103*1.50
14860 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+6104*1.50
14861 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+6105*1.50
14862 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+6106*1.50
14863 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+6107*1.50
14864 (C)	Structural	9001*1.00+4006*0.54+5006*1.01+4106*0.27+6108*1.50
14865 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+6101*1.50
14866 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+6102*1.50
14867 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+6103*1.50
14868 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+6104*1.50
14869 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+6105*1.50
14870 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+6106*1.50
14871 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+6107*1.50
14872 (C)	Structural	9001*1.00+4006*0.54+5007*1.01+4106*0.27+6108*1.50
14873 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+6101*1.50
14874 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+6102*1.50
14875 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+6103*1.50
14876 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+6104*1.50
14877 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+6105*1.50
14878 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+6106*1.50
14879 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+6107*1.50
14880 (C)	Structural	9001*1.00+4007*0.54+5001*1.01+4107*0.27+6108*1.50
14881 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+6101*1.50
14882 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+6102*1.50
14883 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+6103*1.50
14884 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+6104*1.50
14885 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+6105*1.50
14886 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+6106*1.50
14887 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+6107*1.50
14888 (C)	Structural	9001*1.00+4007*0.54+5002*1.01+4107*0.27+6108*1.50
14889 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+6101*1.50
14890 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+6102*1.50
14891 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+6103*1.50
14892 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+6104*1.50
14893 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+6105*1.50
14894 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+6106*1.50
14895 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
14896 (C)	Structural	9001*1.00+4007*0.54+5003*1.01+4107*0.27+6108*1.50
14897 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+6101*1.50
14898 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+6102*1.50
14899 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+6103*1.50
14900 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+6104*1.50
14901 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+6105*1.50
14902 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+6106*1.50
14903 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+6107*1.50
14904 (C)	Structural	9001*1.00+4007*0.54+5004*1.01+4107*0.27+6108*1.50
14905 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+6101*1.50
14906 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+6102*1.50
14907 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+6103*1.50
14908 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+6104*1.50
14909 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+6105*1.50
14910 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+6106*1.50
14911 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+6107*1.50
14912 (C)	Structural	9001*1.00+4007*0.54+5005*1.01+4107*0.27+6108*1.50
14913 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+6101*1.50
14914 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+6102*1.50
14915 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+6103*1.50
14916 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+6104*1.50
14917 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+6105*1.50
14918 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+6106*1.50
14919 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+6107*1.50
14920 (C)	Structural	9001*1.00+4007*0.54+5006*1.01+4107*0.27+6108*1.50
14921 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+6101*1.50
14922 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+6102*1.50
14923 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+6103*1.50
14924 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+6104*1.50
14925 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+6105*1.50
14926 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+6106*1.50
14927 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+6107*1.50
14928 (C)	Structural	9001*1.00+4007*0.54+5007*1.01+4107*0.27+6108*1.50
14929 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+6101*1.50
14930 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+6102*1.50
14931 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+6103*1.50
14932 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+6104*1.50
14933 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+6105*1.50
14934 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+6106*1.50
14935 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+6107*1.50
14936 (C)	Structural	9001*1.00+4008*0.54+5001*1.01+4108*0.27+6108*1.50
14937 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+6101*1.50
14938 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+6102*1.50
14939 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+6103*1.50
14940 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+6104*1.50
14941 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+6105*1.50
14942 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+6106*1.50
14943 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+6107*1.50
14944 (C)	Structural	9001*1.00+4008*0.54+5002*1.01+4108*0.27+6108*1.50
14945 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+6101*1.50
14946 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+6102*1.50
14947 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+6103*1.50

Combinations	Case nature	Definition
14948 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+6104*1.50
14949 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+6105*1.50
14950 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+6106*1.50
14951 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+6107*1.50
14952 (C)	Structural	9001*1.00+4008*0.54+5003*1.01+4108*0.27+6108*1.50
14953 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+6101*1.50
14954 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+6102*1.50
14955 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+6103*1.50
14956 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+6104*1.50
14957 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+6105*1.50
14958 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+6106*1.50
14959 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+6107*1.50
14960 (C)	Structural	9001*1.00+4008*0.54+5004*1.01+4108*0.27+6108*1.50
14961 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+6101*1.50
14962 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+6102*1.50
14963 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+6103*1.50
14964 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+6104*1.50
14965 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+6105*1.50
14966 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+6106*1.50
14967 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+6107*1.50
14968 (C)	Structural	9001*1.00+4008*0.54+5005*1.01+4108*0.27+6108*1.50
14969 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+6101*1.50
14970 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+6102*1.50
14971 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+6103*1.50
14972 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+6104*1.50
14973 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+6105*1.50
14974 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+6106*1.50
14975 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+6107*1.50
14976 (C)	Structural	9001*1.00+4008*0.54+5006*1.01+4108*0.27+6108*1.50
14977 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+6101*1.50
14978 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+6102*1.50
14979 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+6103*1.50
14980 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+6104*1.50
14981 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+6105*1.50
14982 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+6106*1.50
14983 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+6107*1.50
14984 (C)	Structural	9001*1.00+4008*0.54+5007*1.01+4108*0.27+6108*1.50
14985 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+6101*1.50
14986 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+6102*1.50
14987 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+6103*1.50
14988 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+6104*1.50
14989 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+6105*1.50
14990 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+6106*1.50
14991 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+6107*1.50
14992 (C)	Structural	9001*1.00+4009*0.54+5001*1.01+4109*0.27+6108*1.50
14993 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+6101*1.50
14994 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+6102*1.50
14995 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+6103*1.50
14996 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+6104*1.50
14997 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+6105*1.50
14998 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+6106*1.50
14999 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
15000 (C)	Structural	9001*1.00+4009*0.54+5002*1.01+4109*0.27+6108*1.50
15001 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+6101*1.50
15002 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+6102*1.50
15003 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+6103*1.50
15004 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+6104*1.50
15005 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+6105*1.50
15006 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+6106*1.50
15007 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+6107*1.50
15008 (C)	Structural	9001*1.00+4009*0.54+5003*1.01+4109*0.27+6108*1.50
15009 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+6101*1.50
15010 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+6102*1.50
15011 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+6103*1.50
15012 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+6104*1.50
15013 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+6105*1.50
15014 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+6106*1.50
15015 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+6107*1.50
15016 (C)	Structural	9001*1.00+4009*0.54+5004*1.01+4109*0.27+6108*1.50
15017 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+6101*1.50
15018 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+6102*1.50
15019 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+6103*1.50
15020 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+6104*1.50
15021 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+6105*1.50
15022 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+6106*1.50
15023 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+6107*1.50
15024 (C)	Structural	9001*1.00+4009*0.54+5005*1.01+4109*0.27+6108*1.50
15025 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+6101*1.50
15026 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+6102*1.50
15027 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+6103*1.50
15028 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+6104*1.50
15029 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+6105*1.50
15030 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+6106*1.50
15031 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+6107*1.50
15032 (C)	Structural	9001*1.00+4009*0.54+5006*1.01+4109*0.27+6108*1.50
15033 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+6101*1.50
15034 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+6102*1.50
15035 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+6103*1.50
15036 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+6104*1.50
15037 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+6105*1.50
15038 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+6106*1.50
15039 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+6107*1.50
15040 (C)	Structural	9001*1.00+4009*0.54+5007*1.01+4109*0.27+6108*1.50
15041 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+6101*1.50
15042 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+6102*1.50
15043 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+6103*1.50
15044 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+6104*1.50
15045 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+6105*1.50
15046 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+6106*1.50
15047 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+6107*1.50
15048 (C)	Structural	9001*1.00+4010*0.54+5001*1.01+4110*0.27+6108*1.50
15049 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+6101*1.50
15050 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+6102*1.50
15051 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+6103*1.50

Combinations	Case nature	Definition
15052 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+6104*1.50
15053 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+6105*1.50
15054 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+6106*1.50
15055 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+6107*1.50
15056 (C)	Structural	9001*1.00+4010*0.54+5002*1.01+4110*0.27+6108*1.50
15057 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+6101*1.50
15058 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+6102*1.50
15059 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+6103*1.50
15060 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+6104*1.50
15061 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+6105*1.50
15062 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+6106*1.50
15063 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+6107*1.50
15064 (C)	Structural	9001*1.00+4010*0.54+5003*1.01+4110*0.27+6108*1.50
15065 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+6101*1.50
15066 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+6102*1.50
15067 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+6103*1.50
15068 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+6104*1.50
15069 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+6105*1.50
15070 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+6106*1.50
15071 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+6107*1.50
15072 (C)	Structural	9001*1.00+4010*0.54+5004*1.01+4110*0.27+6108*1.50
15073 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+6101*1.50
15074 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+6102*1.50
15075 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+6103*1.50
15076 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+6104*1.50
15077 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+6105*1.50
15078 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+6106*1.50
15079 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+6107*1.50
15080 (C)	Structural	9001*1.00+4010*0.54+5005*1.01+4110*0.27+6108*1.50
15081 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+6101*1.50
15082 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+6102*1.50
15083 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+6103*1.50
15084 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+6104*1.50
15085 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+6105*1.50
15086 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+6106*1.50
15087 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+6107*1.50
15088 (C)	Structural	9001*1.00+4010*0.54+5006*1.01+4110*0.27+6108*1.50
15089 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+6101*1.50
15090 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+6102*1.50
15091 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+6103*1.50
15092 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+6104*1.50
15093 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+6105*1.50
15094 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+6106*1.50
15095 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+6107*1.50
15096 (C)	Structural	9001*1.00+4010*0.54+5007*1.01+4110*0.27+6108*1.50
15097 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+6101*1.50
15098 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+6102*1.50
15099 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+6103*1.50
15100 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+6104*1.50
15101 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+6105*1.50
15102 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+6106*1.50
15103 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
15104 (C)	Structural	9001*1.00+4011*0.54+5001*1.01+4111*0.27+6108*1.50
15105 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+6101*1.50
15106 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+6102*1.50
15107 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+6103*1.50
15108 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+6104*1.50
15109 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+6105*1.50
15110 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+6106*1.50
15111 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+6107*1.50
15112 (C)	Structural	9001*1.00+4011*0.54+5002*1.01+4111*0.27+6108*1.50
15113 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+6101*1.50
15114 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+6102*1.50
15115 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+6103*1.50
15116 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+6104*1.50
15117 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+6105*1.50
15118 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+6106*1.50
15119 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+6107*1.50
15120 (C)	Structural	9001*1.00+4011*0.54+5003*1.01+4111*0.27+6108*1.50
15121 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+6101*1.50
15122 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+6102*1.50
15123 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+6103*1.50
15124 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+6104*1.50
15125 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+6105*1.50
15126 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+6106*1.50
15127 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+6107*1.50
15128 (C)	Structural	9001*1.00+4011*0.54+5004*1.01+4111*0.27+6108*1.50
15129 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+6101*1.50
15130 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+6102*1.50
15131 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+6103*1.50
15132 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+6104*1.50
15133 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+6105*1.50
15134 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+6106*1.50
15135 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+6107*1.50
15136 (C)	Structural	9001*1.00+4011*0.54+5005*1.01+4111*0.27+6108*1.50
15137 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+6101*1.50
15138 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+6102*1.50
15139 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+6103*1.50
15140 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+6104*1.50
15141 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+6105*1.50
15142 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+6106*1.50
15143 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+6107*1.50
15144 (C)	Structural	9001*1.00+4011*0.54+5006*1.01+4111*0.27+6108*1.50
15145 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+6101*1.50
15146 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+6102*1.50
15147 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+6103*1.50
15148 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+6104*1.50
15149 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+6105*1.50
15150 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+6106*1.50
15151 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+6107*1.50
15152 (C)	Structural	9001*1.00+4011*0.54+5007*1.01+4111*0.27+6108*1.50
15153 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+6101*1.50
15154 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+6102*1.50
15155 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+6103*1.50

Combinations	Case nature	Definition
15156 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+6104*1.50
15157 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+6105*1.50
15158 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+6106*1.50
15159 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+6107*1.50
15160 (C)	Structural	9001*1.00+4012*0.54+5001*1.01+4112*0.27+6108*1.50
15161 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+6101*1.50
15162 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+6102*1.50
15163 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+6103*1.50
15164 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+6104*1.50
15165 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+6105*1.50
15166 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+6106*1.50
15167 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+6107*1.50
15168 (C)	Structural	9001*1.00+4012*0.54+5002*1.01+4112*0.27+6108*1.50
15169 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+6101*1.50
15170 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+6102*1.50
15171 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+6103*1.50
15172 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+6104*1.50
15173 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+6105*1.50
15174 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+6106*1.50
15175 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+6107*1.50
15176 (C)	Structural	9001*1.00+4012*0.54+5003*1.01+4112*0.27+6108*1.50
15177 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+6101*1.50
15178 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+6102*1.50
15179 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+6103*1.50
15180 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+6104*1.50
15181 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+6105*1.50
15182 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+6106*1.50
15183 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+6107*1.50
15184 (C)	Structural	9001*1.00+4012*0.54+5004*1.01+4112*0.27+6108*1.50
15185 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+6101*1.50
15186 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+6102*1.50
15187 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+6103*1.50
15188 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+6104*1.50
15189 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+6105*1.50
15190 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+6106*1.50
15191 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+6107*1.50
15192 (C)	Structural	9001*1.00+4012*0.54+5005*1.01+4112*0.27+6108*1.50
15193 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+6101*1.50
15194 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+6102*1.50
15195 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+6103*1.50
15196 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+6104*1.50
15197 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+6105*1.50
15198 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+6106*1.50
15199 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+6107*1.50
15200 (C)	Structural	9001*1.00+4012*0.54+5006*1.01+4112*0.27+6108*1.50
15201 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+6101*1.50
15202 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+6102*1.50
15203 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+6103*1.50
15204 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+6104*1.50
15205 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+6105*1.50
15206 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+6106*1.50
15207 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
15208 (C)	Structural	9001*1.00+4012*0.54+5007*1.01+4112*0.27+6108*1.50
15209 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+6101*1.50
15210 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+6102*1.50
15211 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+6103*1.50
15212 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+6104*1.50
15213 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+6105*1.50
15214 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+6106*1.50
15215 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+6107*1.50
15216 (C)	Structural	9001*1.00+4013*0.54+5001*1.01+4113*0.27+6108*1.50
15217 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+6101*1.50
15218 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+6102*1.50
15219 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+6103*1.50
15220 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+6104*1.50
15221 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+6105*1.50
15222 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+6106*1.50
15223 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+6107*1.50
15224 (C)	Structural	9001*1.00+4013*0.54+5002*1.01+4113*0.27+6108*1.50
15225 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+6101*1.50
15226 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+6102*1.50
15227 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+6103*1.50
15228 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+6104*1.50
15229 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+6105*1.50
15230 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+6106*1.50
15231 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+6107*1.50
15232 (C)	Structural	9001*1.00+4013*0.54+5003*1.01+4113*0.27+6108*1.50
15233 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+6101*1.50
15234 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+6102*1.50
15235 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+6103*1.50
15236 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+6104*1.50
15237 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+6105*1.50
15238 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+6106*1.50
15239 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+6107*1.50
15240 (C)	Structural	9001*1.00+4013*0.54+5004*1.01+4113*0.27+6108*1.50
15241 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+6101*1.50
15242 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+6102*1.50
15243 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+6103*1.50
15244 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+6104*1.50
15245 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+6105*1.50
15246 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+6106*1.50
15247 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+6107*1.50
15248 (C)	Structural	9001*1.00+4013*0.54+5005*1.01+4113*0.27+6108*1.50
15249 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+6101*1.50
15250 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+6102*1.50
15251 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+6103*1.50
15252 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+6104*1.50
15253 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+6105*1.50
15254 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+6106*1.50
15255 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+6107*1.50
15256 (C)	Structural	9001*1.00+4013*0.54+5006*1.01+4113*0.27+6108*1.50
15257 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+6101*1.50
15258 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+6102*1.50
15259 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+6103*1.50

Combinations	Case nature	Definition
15260 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+6104*1.50
15261 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+6105*1.50
15262 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+6106*1.50
15263 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+6107*1.50
15264 (C)	Structural	9001*1.00+4013*0.54+5007*1.01+4113*0.27+6108*1.50
15265 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+6101*1.50
15266 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+6102*1.50
15267 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+6103*1.50
15268 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+6104*1.50
15269 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+6105*1.50
15270 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+6106*1.50
15271 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+6107*1.50
15272 (C)	Structural	9001*1.00+4014*0.54+5001*1.01+4114*0.27+6108*1.50
15273 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+6101*1.50
15274 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+6102*1.50
15275 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+6103*1.50
15276 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+6104*1.50
15277 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+6105*1.50
15278 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+6106*1.50
15279 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+6107*1.50
15280 (C)	Structural	9001*1.00+4014*0.54+5002*1.01+4114*0.27+6108*1.50
15281 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+6101*1.50
15282 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+6102*1.50
15283 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+6103*1.50
15284 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+6104*1.50
15285 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+6105*1.50
15286 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+6106*1.50
15287 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+6107*1.50
15288 (C)	Structural	9001*1.00+4014*0.54+5003*1.01+4114*0.27+6108*1.50
15289 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+6101*1.50
15290 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+6102*1.50
15291 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+6103*1.50
15292 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+6104*1.50
15293 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+6105*1.50
15294 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+6106*1.50
15295 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+6107*1.50
15296 (C)	Structural	9001*1.00+4014*0.54+5004*1.01+4114*0.27+6108*1.50
15297 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+6101*1.50
15298 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+6102*1.50
15299 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+6103*1.50
15300 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+6104*1.50
15301 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+6105*1.50
15302 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+6106*1.50
15303 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+6107*1.50
15304 (C)	Structural	9001*1.00+4014*0.54+5005*1.01+4114*0.27+6108*1.50
15305 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+6101*1.50
15306 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+6102*1.50
15307 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+6103*1.50
15308 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+6104*1.50
15309 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+6105*1.50
15310 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+6106*1.50
15311 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
15312 (C)	Structural	9001*1.00+4014*0.54+5006*1.01+4114*0.27+6108*1.50
15313 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+6101*1.50
15314 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+6102*1.50
15315 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+6103*1.50
15316 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+6104*1.50
15317 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+6105*1.50
15318 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+6106*1.50
15319 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+6107*1.50
15320 (C)	Structural	9001*1.00+4014*0.54+5007*1.01+4114*0.27+6108*1.50
15321 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+6101*1.50
15322 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+6102*1.50
15323 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+6103*1.50
15324 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+6104*1.50
15325 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+6105*1.50
15326 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+6106*1.50
15327 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+6107*1.50
15328 (C)	Structural	9001*1.00+4015*0.54+5001*1.01+4115*0.27+6108*1.50
15329 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+6101*1.50
15330 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+6102*1.50
15331 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+6103*1.50
15332 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+6104*1.50
15333 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+6105*1.50
15334 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+6106*1.50
15335 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+6107*1.50
15336 (C)	Structural	9001*1.00+4015*0.54+5002*1.01+4115*0.27+6108*1.50
15337 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+6101*1.50
15338 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+6102*1.50
15339 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+6103*1.50
15340 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+6104*1.50
15341 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+6105*1.50
15342 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+6106*1.50
15343 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+6107*1.50
15344 (C)	Structural	9001*1.00+4015*0.54+5003*1.01+4115*0.27+6108*1.50
15345 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+6101*1.50
15346 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+6102*1.50
15347 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+6103*1.50
15348 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+6104*1.50
15349 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+6105*1.50
15350 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+6106*1.50
15351 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+6107*1.50
15352 (C)	Structural	9001*1.00+4015*0.54+5004*1.01+4115*0.27+6108*1.50
15353 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+6101*1.50
15354 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+6102*1.50
15355 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+6103*1.50
15356 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+6104*1.50
15357 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+6105*1.50
15358 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+6106*1.50
15359 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+6107*1.50
15360 (C)	Structural	9001*1.00+4015*0.54+5005*1.01+4115*0.27+6108*1.50
15361 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+6101*1.50
15362 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+6102*1.50
15363 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+6103*1.50

Combinations	Case nature	Definition
15364 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+6104*1.50
15365 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+6105*1.50
15366 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+6106*1.50
15367 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+6107*1.50
15368 (C)	Structural	9001*1.00+4015*0.54+5006*1.01+4115*0.27+6108*1.50
15369 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+6101*1.50
15370 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+6102*1.50
15371 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+6103*1.50
15372 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+6104*1.50
15373 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+6105*1.50
15374 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+6106*1.50
15375 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+6107*1.50
15376 (C)	Structural	9001*1.00+4015*0.54+5007*1.01+4115*0.27+6108*1.50
15377 (C)	Structural	9002*1.35+4000*0.54+5001*1.01+4100*0.27+6101*1.50
15378 (C)	Structural	9002*1.35+4000*0.54+5001*1.01+4100*0.27+6102*1.50
15379 (C)	Structural	9002*1.35+4000*0.54+5001*1.01+4100*0.27+6103*1.50
15380 (C)	Structural	9002*1.35+4000*0.54+5001*1.01+4100*0.27+6104*1.50
15381 (C)	Structural	9002*1.35+4000*0.54+5001*1.01+4100*0.27+6105*1.50
15382 (C)	Structural	9002*1.35+4000*0.54+5001*1.01+4100*0.27+6106*1.50
15383 (C)	Structural	9002*1.35+4000*0.54+5001*1.01+4100*0.27+6107*1.50
15384 (C)	Structural	9002*1.35+4000*0.54+5001*1.01+4100*0.27+6108*1.50
15385 (C)	Structural	9002*1.35+4000*0.54+5002*1.01+4100*0.27+6101*1.50
15386 (C)	Structural	9002*1.35+4000*0.54+5002*1.01+4100*0.27+6102*1.50
15387 (C)	Structural	9002*1.35+4000*0.54+5002*1.01+4100*0.27+6103*1.50
15388 (C)	Structural	9002*1.35+4000*0.54+5002*1.01+4100*0.27+6104*1.50
15389 (C)	Structural	9002*1.35+4000*0.54+5002*1.01+4100*0.27+6105*1.50
15390 (C)	Structural	9002*1.35+4000*0.54+5002*1.01+4100*0.27+6106*1.50
15391 (C)	Structural	9002*1.35+4000*0.54+5002*1.01+4100*0.27+6107*1.50
15392 (C)	Structural	9002*1.35+4000*0.54+5002*1.01+4100*0.27+6108*1.50
15393 (C)	Structural	9002*1.35+4000*0.54+5003*1.01+4100*0.27+6101*1.50
15394 (C)	Structural	9002*1.35+4000*0.54+5003*1.01+4100*0.27+6102*1.50
15395 (C)	Structural	9002*1.35+4000*0.54+5003*1.01+4100*0.27+6103*1.50
15396 (C)	Structural	9002*1.35+4000*0.54+5003*1.01+4100*0.27+6104*1.50
15397 (C)	Structural	9002*1.35+4000*0.54+5003*1.01+4100*0.27+6105*1.50
15398 (C)	Structural	9002*1.35+4000*0.54+5003*1.01+4100*0.27+6106*1.50
15399 (C)	Structural	9002*1.35+4000*0.54+5003*1.01+4100*0.27+6107*1.50
15400 (C)	Structural	9002*1.35+4000*0.54+5003*1.01+4100*0.27+6108*1.50
15401 (C)	Structural	9002*1.35+4000*0.54+5004*1.01+4100*0.27+6101*1.50
15402 (C)	Structural	9002*1.35+4000*0.54+5004*1.01+4100*0.27+6102*1.50
15403 (C)	Structural	9002*1.35+4000*0.54+5004*1.01+4100*0.27+6103*1.50
15404 (C)	Structural	9002*1.35+4000*0.54+5004*1.01+4100*0.27+6104*1.50
15405 (C)	Structural	9002*1.35+4000*0.54+5004*1.01+4100*0.27+6105*1.50
15406 (C)	Structural	9002*1.35+4000*0.54+5004*1.01+4100*0.27+6106*1.50
15407 (C)	Structural	9002*1.35+4000*0.54+5004*1.01+4100*0.27+6107*1.50
15408 (C)	Structural	9002*1.35+4000*0.54+5004*1.01+4100*0.27+6108*1.50
15409 (C)	Structural	9002*1.35+4000*0.54+5005*1.01+4100*0.27+6101*1.50
15410 (C)	Structural	9002*1.35+4000*0.54+5005*1.01+4100*0.27+6102*1.50
15411 (C)	Structural	9002*1.35+4000*0.54+5005*1.01+4100*0.27+6103*1.50
15412 (C)	Structural	9002*1.35+4000*0.54+5005*1.01+4100*0.27+6104*1.50
15413 (C)	Structural	9002*1.35+4000*0.54+5005*1.01+4100*0.27+6105*1.50
15414 (C)	Structural	9002*1.35+4000*0.54+5005*1.01+4100*0.27+6106*1.50
15415 (C)	Structural	9002*1.35+4000*0.54+5005*1.01+4100*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
15416 (C)	Structural	9002*1.35+4000*0.54+5005*1.01+4100*0.27+6108*1.50
15417 (C)	Structural	9002*1.35+4000*0.54+5006*1.01+4100*0.27+6101*1.50
15418 (C)	Structural	9002*1.35+4000*0.54+5006*1.01+4100*0.27+6102*1.50
15419 (C)	Structural	9002*1.35+4000*0.54+5006*1.01+4100*0.27+6103*1.50
15420 (C)	Structural	9002*1.35+4000*0.54+5006*1.01+4100*0.27+6104*1.50
15421 (C)	Structural	9002*1.35+4000*0.54+5006*1.01+4100*0.27+6105*1.50
15422 (C)	Structural	9002*1.35+4000*0.54+5006*1.01+4100*0.27+6106*1.50
15423 (C)	Structural	9002*1.35+4000*0.54+5006*1.01+4100*0.27+6107*1.50
15424 (C)	Structural	9002*1.35+4000*0.54+5006*1.01+4100*0.27+6108*1.50
15425 (C)	Structural	9002*1.35+4000*0.54+5007*1.01+4100*0.27+6101*1.50
15426 (C)	Structural	9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50
15427 (C)	Structural	9002*1.35+4000*0.54+5007*1.01+4100*0.27+6103*1.50
15428 (C)	Structural	9002*1.35+4000*0.54+5007*1.01+4100*0.27+6104*1.50
15429 (C)	Structural	9002*1.35+4000*0.54+5007*1.01+4100*0.27+6105*1.50
15430 (C)	Structural	9002*1.35+4000*0.54+5007*1.01+4100*0.27+6106*1.50
15431 (C)	Structural	9002*1.35+4000*0.54+5007*1.01+4100*0.27+6107*1.50
15432 (C)	Structural	9002*1.35+4000*0.54+5007*1.01+4100*0.27+6108*1.50
15433 (C)	Structural	9002*1.35+4001*0.54+5001*1.01+4101*0.27+6101*1.50
15434 (C)	Structural	9002*1.35+4001*0.54+5001*1.01+4101*0.27+6102*1.50
15435 (C)	Structural	9002*1.35+4001*0.54+5001*1.01+4101*0.27+6103*1.50
15436 (C)	Structural	9002*1.35+4001*0.54+5001*1.01+4101*0.27+6104*1.50
15437 (C)	Structural	9002*1.35+4001*0.54+5001*1.01+4101*0.27+6105*1.50
15438 (C)	Structural	9002*1.35+4001*0.54+5001*1.01+4101*0.27+6106*1.50
15439 (C)	Structural	9002*1.35+4001*0.54+5001*1.01+4101*0.27+6107*1.50
15440 (C)	Structural	9002*1.35+4001*0.54+5001*1.01+4101*0.27+6108*1.50
15441 (C)	Structural	9002*1.35+4001*0.54+5002*1.01+4101*0.27+6101*1.50
15442 (C)	Structural	9002*1.35+4001*0.54+5002*1.01+4101*0.27+6102*1.50
15443 (C)	Structural	9002*1.35+4001*0.54+5002*1.01+4101*0.27+6103*1.50
15444 (C)	Structural	9002*1.35+4001*0.54+5002*1.01+4101*0.27+6104*1.50
15445 (C)	Structural	9002*1.35+4001*0.54+5002*1.01+4101*0.27+6105*1.50
15446 (C)	Structural	9002*1.35+4001*0.54+5002*1.01+4101*0.27+6106*1.50
15447 (C)	Structural	9002*1.35+4001*0.54+5002*1.01+4101*0.27+6107*1.50
15448 (C)	Structural	9002*1.35+4001*0.54+5002*1.01+4101*0.27+6108*1.50
15449 (C)	Structural	9002*1.35+4001*0.54+5003*1.01+4101*0.27+6101*1.50
15450 (C)	Structural	9002*1.35+4001*0.54+5003*1.01+4101*0.27+6102*1.50
15451 (C)	Structural	9002*1.35+4001*0.54+5003*1.01+4101*0.27+6103*1.50
15452 (C)	Structural	9002*1.35+4001*0.54+5003*1.01+4101*0.27+6104*1.50
15453 (C)	Structural	9002*1.35+4001*0.54+5003*1.01+4101*0.27+6105*1.50
15454 (C)	Structural	9002*1.35+4001*0.54+5003*1.01+4101*0.27+6106*1.50
15455 (C)	Structural	9002*1.35+4001*0.54+5003*1.01+4101*0.27+6107*1.50
15456 (C)	Structural	9002*1.35+4001*0.54+5003*1.01+4101*0.27+6108*1.50
15457 (C)	Structural	9002*1.35+4001*0.54+5004*1.01+4101*0.27+6101*1.50
15458 (C)	Structural	9002*1.35+4001*0.54+5004*1.01+4101*0.27+6102*1.50
15459 (C)	Structural	9002*1.35+4001*0.54+5004*1.01+4101*0.27+6103*1.50
15460 (C)	Structural	9002*1.35+4001*0.54+5004*1.01+4101*0.27+6104*1.50
15461 (C)	Structural	9002*1.35+4001*0.54+5004*1.01+4101*0.27+6105*1.50
15462 (C)	Structural	9002*1.35+4001*0.54+5004*1.01+4101*0.27+6106*1.50
15463 (C)	Structural	9002*1.35+4001*0.54+5004*1.01+4101*0.27+6107*1.50
15464 (C)	Structural	9002*1.35+4001*0.54+5004*1.01+4101*0.27+6108*1.50
15465 (C)	Structural	9002*1.35+4001*0.54+5005*1.01+4101*0.27+6101*1.50
15466 (C)	Structural	9002*1.35+4001*0.54+5005*1.01+4101*0.27+6102*1.50
15467 (C)	Structural	9002*1.35+4001*0.54+5005*1.01+4101*0.27+6103*1.50

Combinations	Case nature	Definition
15468 (C)	Structural	9002*1.35+4001*0.54+5005*1.01+4101*0.27+6104*1.50
15469 (C)	Structural	9002*1.35+4001*0.54+5005*1.01+4101*0.27+6105*1.50
15470 (C)	Structural	9002*1.35+4001*0.54+5005*1.01+4101*0.27+6106*1.50
15471 (C)	Structural	9002*1.35+4001*0.54+5005*1.01+4101*0.27+6107*1.50
15472 (C)	Structural	9002*1.35+4001*0.54+5005*1.01+4101*0.27+6108*1.50
15473 (C)	Structural	9002*1.35+4001*0.54+5006*1.01+4101*0.27+6101*1.50
15474 (C)	Structural	9002*1.35+4001*0.54+5006*1.01+4101*0.27+6102*1.50
15475 (C)	Structural	9002*1.35+4001*0.54+5006*1.01+4101*0.27+6103*1.50
15476 (C)	Structural	9002*1.35+4001*0.54+5006*1.01+4101*0.27+6104*1.50
15477 (C)	Structural	9002*1.35+4001*0.54+5006*1.01+4101*0.27+6105*1.50
15478 (C)	Structural	9002*1.35+4001*0.54+5006*1.01+4101*0.27+6106*1.50
15479 (C)	Structural	9002*1.35+4001*0.54+5006*1.01+4101*0.27+6107*1.50
15480 (C)	Structural	9002*1.35+4001*0.54+5006*1.01+4101*0.27+6108*1.50
15481 (C)	Structural	9002*1.35+4001*0.54+5007*1.01+4101*0.27+6101*1.50
15482 (C)	Structural	9002*1.35+4001*0.54+5007*1.01+4101*0.27+6102*1.50
15483 (C)	Structural	9002*1.35+4001*0.54+5007*1.01+4101*0.27+6103*1.50
15484 (C)	Structural	9002*1.35+4001*0.54+5007*1.01+4101*0.27+6104*1.50
15485 (C)	Structural	9002*1.35+4001*0.54+5007*1.01+4101*0.27+6105*1.50
15486 (C)	Structural	9002*1.35+4001*0.54+5007*1.01+4101*0.27+6106*1.50
15487 (C)	Structural	9002*1.35+4001*0.54+5007*1.01+4101*0.27+6107*1.50
15488 (C)	Structural	9002*1.35+4001*0.54+5007*1.01+4101*0.27+6108*1.50
15489 (C)	Structural	9002*1.35+4002*0.54+5001*1.01+4102*0.27+6101*1.50
15490 (C)	Structural	9002*1.35+4002*0.54+5001*1.01+4102*0.27+6102*1.50
15491 (C)	Structural	9002*1.35+4002*0.54+5001*1.01+4102*0.27+6103*1.50
15492 (C)	Structural	9002*1.35+4002*0.54+5001*1.01+4102*0.27+6104*1.50
15493 (C)	Structural	9002*1.35+4002*0.54+5001*1.01+4102*0.27+6105*1.50
15494 (C)	Structural	9002*1.35+4002*0.54+5001*1.01+4102*0.27+6106*1.50
15495 (C)	Structural	9002*1.35+4002*0.54+5001*1.01+4102*0.27+6107*1.50
15496 (C)	Structural	9002*1.35+4002*0.54+5001*1.01+4102*0.27+6108*1.50
15497 (C)	Structural	9002*1.35+4002*0.54+5002*1.01+4102*0.27+6101*1.50
15498 (C)	Structural	9002*1.35+4002*0.54+5002*1.01+4102*0.27+6102*1.50
15499 (C)	Structural	9002*1.35+4002*0.54+5002*1.01+4102*0.27+6103*1.50
15500 (C)	Structural	9002*1.35+4002*0.54+5002*1.01+4102*0.27+6104*1.50
15501 (C)	Structural	9002*1.35+4002*0.54+5002*1.01+4102*0.27+6105*1.50
15502 (C)	Structural	9002*1.35+4002*0.54+5002*1.01+4102*0.27+6106*1.50
15503 (C)	Structural	9002*1.35+4002*0.54+5002*1.01+4102*0.27+6107*1.50
15504 (C)	Structural	9002*1.35+4002*0.54+5002*1.01+4102*0.27+6108*1.50
15505 (C)	Structural	9002*1.35+4002*0.54+5003*1.01+4102*0.27+6101*1.50
15506 (C)	Structural	9002*1.35+4002*0.54+5003*1.01+4102*0.27+6102*1.50
15507 (C)	Structural	9002*1.35+4002*0.54+5003*1.01+4102*0.27+6103*1.50
15508 (C)	Structural	9002*1.35+4002*0.54+5003*1.01+4102*0.27+6104*1.50
15509 (C)	Structural	9002*1.35+4002*0.54+5003*1.01+4102*0.27+6105*1.50
15510 (C)	Structural	9002*1.35+4002*0.54+5003*1.01+4102*0.27+6106*1.50
15511 (C)	Structural	9002*1.35+4002*0.54+5003*1.01+4102*0.27+6107*1.50
15512 (C)	Structural	9002*1.35+4002*0.54+5003*1.01+4102*0.27+6108*1.50
15513 (C)	Structural	9002*1.35+4002*0.54+5004*1.01+4102*0.27+6101*1.50
15514 (C)	Structural	9002*1.35+4002*0.54+5004*1.01+4102*0.27+6102*1.50
15515 (C)	Structural	9002*1.35+4002*0.54+5004*1.01+4102*0.27+6103*1.50
15516 (C)	Structural	9002*1.35+4002*0.54+5004*1.01+4102*0.27+6104*1.50
15517 (C)	Structural	9002*1.35+4002*0.54+5004*1.01+4102*0.27+6105*1.50
15518 (C)	Structural	9002*1.35+4002*0.54+5004*1.01+4102*0.27+6106*1.50
15519 (C)	Structural	9002*1.35+4002*0.54+5004*1.01+4102*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
15520 (C)	Structural	9002*1.35+4002*0.54+5004*1.01+4102*0.27+6108*1.50
15521 (C)	Structural	9002*1.35+4002*0.54+5005*1.01+4102*0.27+6101*1.50
15522 (C)	Structural	9002*1.35+4002*0.54+5005*1.01+4102*0.27+6102*1.50
15523 (C)	Structural	9002*1.35+4002*0.54+5005*1.01+4102*0.27+6103*1.50
15524 (C)	Structural	9002*1.35+4002*0.54+5005*1.01+4102*0.27+6104*1.50
15525 (C)	Structural	9002*1.35+4002*0.54+5005*1.01+4102*0.27+6105*1.50
15526 (C)	Structural	9002*1.35+4002*0.54+5005*1.01+4102*0.27+6106*1.50
15527 (C)	Structural	9002*1.35+4002*0.54+5005*1.01+4102*0.27+6107*1.50
15528 (C)	Structural	9002*1.35+4002*0.54+5005*1.01+4102*0.27+6108*1.50
15529 (C)	Structural	9002*1.35+4002*0.54+5006*1.01+4102*0.27+6101*1.50
15530 (C)	Structural	9002*1.35+4002*0.54+5006*1.01+4102*0.27+6102*1.50
15531 (C)	Structural	9002*1.35+4002*0.54+5006*1.01+4102*0.27+6103*1.50
15532 (C)	Structural	9002*1.35+4002*0.54+5006*1.01+4102*0.27+6104*1.50
15533 (C)	Structural	9002*1.35+4002*0.54+5006*1.01+4102*0.27+6105*1.50
15534 (C)	Structural	9002*1.35+4002*0.54+5006*1.01+4102*0.27+6106*1.50
15535 (C)	Structural	9002*1.35+4002*0.54+5006*1.01+4102*0.27+6107*1.50
15536 (C)	Structural	9002*1.35+4002*0.54+5006*1.01+4102*0.27+6108*1.50
15537 (C)	Structural	9002*1.35+4002*0.54+5007*1.01+4102*0.27+6101*1.50
15538 (C)	Structural	9002*1.35+4002*0.54+5007*1.01+4102*0.27+6102*1.50
15539 (C)	Structural	9002*1.35+4002*0.54+5007*1.01+4102*0.27+6103*1.50
15540 (C)	Structural	9002*1.35+4002*0.54+5007*1.01+4102*0.27+6104*1.50
15541 (C)	Structural	9002*1.35+4002*0.54+5007*1.01+4102*0.27+6105*1.50
15542 (C)	Structural	9002*1.35+4002*0.54+5007*1.01+4102*0.27+6106*1.50
15543 (C)	Structural	9002*1.35+4002*0.54+5007*1.01+4102*0.27+6107*1.50
15544 (C)	Structural	9002*1.35+4002*0.54+5007*1.01+4102*0.27+6108*1.50
15545 (C)	Structural	9002*1.35+4003*0.54+5001*1.01+4103*0.27+6101*1.50
15546 (C)	Structural	9002*1.35+4003*0.54+5001*1.01+4103*0.27+6102*1.50
15547 (C)	Structural	9002*1.35+4003*0.54+5001*1.01+4103*0.27+6103*1.50
15548 (C)	Structural	9002*1.35+4003*0.54+5001*1.01+4103*0.27+6104*1.50
15549 (C)	Structural	9002*1.35+4003*0.54+5001*1.01+4103*0.27+6105*1.50
15550 (C)	Structural	9002*1.35+4003*0.54+5001*1.01+4103*0.27+6106*1.50
15551 (C)	Structural	9002*1.35+4003*0.54+5001*1.01+4103*0.27+6107*1.50
15552 (C)	Structural	9002*1.35+4003*0.54+5001*1.01+4103*0.27+6108*1.50
15553 (C)	Structural	9002*1.35+4003*0.54+5002*1.01+4103*0.27+6101*1.50
15554 (C)	Structural	9002*1.35+4003*0.54+5002*1.01+4103*0.27+6102*1.50
15555 (C)	Structural	9002*1.35+4003*0.54+5002*1.01+4103*0.27+6103*1.50
15556 (C)	Structural	9002*1.35+4003*0.54+5002*1.01+4103*0.27+6104*1.50
15557 (C)	Structural	9002*1.35+4003*0.54+5002*1.01+4103*0.27+6105*1.50
15558 (C)	Structural	9002*1.35+4003*0.54+5002*1.01+4103*0.27+6106*1.50
15559 (C)	Structural	9002*1.35+4003*0.54+5002*1.01+4103*0.27+6107*1.50
15560 (C)	Structural	9002*1.35+4003*0.54+5002*1.01+4103*0.27+6108*1.50
15561 (C)	Structural	9002*1.35+4003*0.54+5003*1.01+4103*0.27+6101*1.50
15562 (C)	Structural	9002*1.35+4003*0.54+5003*1.01+4103*0.27+6102*1.50
15563 (C)	Structural	9002*1.35+4003*0.54+5003*1.01+4103*0.27+6103*1.50
15564 (C)	Structural	9002*1.35+4003*0.54+5003*1.01+4103*0.27+6104*1.50
15565 (C)	Structural	9002*1.35+4003*0.54+5003*1.01+4103*0.27+6105*1.50
15566 (C)	Structural	9002*1.35+4003*0.54+5003*1.01+4103*0.27+6106*1.50
15567 (C)	Structural	9002*1.35+4003*0.54+5003*1.01+4103*0.27+6107*1.50
15568 (C)	Structural	9002*1.35+4003*0.54+5003*1.01+4103*0.27+6108*1.50
15569 (C)	Structural	9002*1.35+4003*0.54+5004*1.01+4103*0.27+6101*1.50
15570 (C)	Structural	9002*1.35+4003*0.54+5004*1.01+4103*0.27+6102*1.50
15571 (C)	Structural	9002*1.35+4003*0.54+5004*1.01+4103*0.27+6103*1.50

Combinations	Case nature	Definition
15572 (C)	Structural	9002*1.35+4003*0.54+5004*1.01+4103*0.27+6104*1.50
15573 (C)	Structural	9002*1.35+4003*0.54+5004*1.01+4103*0.27+6105*1.50
15574 (C)	Structural	9002*1.35+4003*0.54+5004*1.01+4103*0.27+6106*1.50
15575 (C)	Structural	9002*1.35+4003*0.54+5004*1.01+4103*0.27+6107*1.50
15576 (C)	Structural	9002*1.35+4003*0.54+5004*1.01+4103*0.27+6108*1.50
15577 (C)	Structural	9002*1.35+4003*0.54+5005*1.01+4103*0.27+6101*1.50
15578 (C)	Structural	9002*1.35+4003*0.54+5005*1.01+4103*0.27+6102*1.50
15579 (C)	Structural	9002*1.35+4003*0.54+5005*1.01+4103*0.27+6103*1.50
15580 (C)	Structural	9002*1.35+4003*0.54+5005*1.01+4103*0.27+6104*1.50
15581 (C)	Structural	9002*1.35+4003*0.54+5005*1.01+4103*0.27+6105*1.50
15582 (C)	Structural	9002*1.35+4003*0.54+5005*1.01+4103*0.27+6106*1.50
15583 (C)	Structural	9002*1.35+4003*0.54+5005*1.01+4103*0.27+6107*1.50
15584 (C)	Structural	9002*1.35+4003*0.54+5005*1.01+4103*0.27+6108*1.50
15585 (C)	Structural	9002*1.35+4003*0.54+5006*1.01+4103*0.27+6101*1.50
15586 (C)	Structural	9002*1.35+4003*0.54+5006*1.01+4103*0.27+6102*1.50
15587 (C)	Structural	9002*1.35+4003*0.54+5006*1.01+4103*0.27+6103*1.50
15588 (C)	Structural	9002*1.35+4003*0.54+5006*1.01+4103*0.27+6104*1.50
15589 (C)	Structural	9002*1.35+4003*0.54+5006*1.01+4103*0.27+6105*1.50
15590 (C)	Structural	9002*1.35+4003*0.54+5006*1.01+4103*0.27+6106*1.50
15591 (C)	Structural	9002*1.35+4003*0.54+5006*1.01+4103*0.27+6107*1.50
15592 (C)	Structural	9002*1.35+4003*0.54+5006*1.01+4103*0.27+6108*1.50
15593 (C)	Structural	9002*1.35+4003*0.54+5007*1.01+4103*0.27+6101*1.50
15594 (C)	Structural	9002*1.35+4003*0.54+5007*1.01+4103*0.27+6102*1.50
15595 (C)	Structural	9002*1.35+4003*0.54+5007*1.01+4103*0.27+6103*1.50
15596 (C)	Structural	9002*1.35+4003*0.54+5007*1.01+4103*0.27+6104*1.50
15597 (C)	Structural	9002*1.35+4003*0.54+5007*1.01+4103*0.27+6105*1.50
15598 (C)	Structural	9002*1.35+4003*0.54+5007*1.01+4103*0.27+6106*1.50
15599 (C)	Structural	9002*1.35+4003*0.54+5007*1.01+4103*0.27+6107*1.50
15600 (C)	Structural	9002*1.35+4003*0.54+5007*1.01+4103*0.27+6108*1.50
15601 (C)	Structural	9002*1.35+4004*0.54+5001*1.01+4104*0.27+6101*1.50
15602 (C)	Structural	9002*1.35+4004*0.54+5001*1.01+4104*0.27+6102*1.50
15603 (C)	Structural	9002*1.35+4004*0.54+5001*1.01+4104*0.27+6103*1.50
15604 (C)	Structural	9002*1.35+4004*0.54+5001*1.01+4104*0.27+6104*1.50
15605 (C)	Structural	9002*1.35+4004*0.54+5001*1.01+4104*0.27+6105*1.50
15606 (C)	Structural	9002*1.35+4004*0.54+5001*1.01+4104*0.27+6106*1.50
15607 (C)	Structural	9002*1.35+4004*0.54+5001*1.01+4104*0.27+6107*1.50
15608 (C)	Structural	9002*1.35+4004*0.54+5001*1.01+4104*0.27+6108*1.50
15609 (C)	Structural	9002*1.35+4004*0.54+5002*1.01+4104*0.27+6101*1.50
15610 (C)	Structural	9002*1.35+4004*0.54+5002*1.01+4104*0.27+6102*1.50
15611 (C)	Structural	9002*1.35+4004*0.54+5002*1.01+4104*0.27+6103*1.50
15612 (C)	Structural	9002*1.35+4004*0.54+5002*1.01+4104*0.27+6104*1.50
15613 (C)	Structural	9002*1.35+4004*0.54+5002*1.01+4104*0.27+6105*1.50
15614 (C)	Structural	9002*1.35+4004*0.54+5002*1.01+4104*0.27+6106*1.50
15615 (C)	Structural	9002*1.35+4004*0.54+5002*1.01+4104*0.27+6107*1.50
15616 (C)	Structural	9002*1.35+4004*0.54+5002*1.01+4104*0.27+6108*1.50
15617 (C)	Structural	9002*1.35+4004*0.54+5003*1.01+4104*0.27+6101*1.50
15618 (C)	Structural	9002*1.35+4004*0.54+5003*1.01+4104*0.27+6102*1.50
15619 (C)	Structural	9002*1.35+4004*0.54+5003*1.01+4104*0.27+6103*1.50
15620 (C)	Structural	9002*1.35+4004*0.54+5003*1.01+4104*0.27+6104*1.50
15621 (C)	Structural	9002*1.35+4004*0.54+5003*1.01+4104*0.27+6105*1.50
15622 (C)	Structural	9002*1.35+4004*0.54+5003*1.01+4104*0.27+6106*1.50
15623 (C)	Structural	9002*1.35+4004*0.54+5003*1.01+4104*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
15624 (C)	Structural	9002*1.35+4004*0.54+5003*1.01+4104*0.27+6108*1.50
15625 (C)	Structural	9002*1.35+4004*0.54+5004*1.01+4104*0.27+6101*1.50
15626 (C)	Structural	9002*1.35+4004*0.54+5004*1.01+4104*0.27+6102*1.50
15627 (C)	Structural	9002*1.35+4004*0.54+5004*1.01+4104*0.27+6103*1.50
15628 (C)	Structural	9002*1.35+4004*0.54+5004*1.01+4104*0.27+6104*1.50
15629 (C)	Structural	9002*1.35+4004*0.54+5004*1.01+4104*0.27+6105*1.50
15630 (C)	Structural	9002*1.35+4004*0.54+5004*1.01+4104*0.27+6106*1.50
15631 (C)	Structural	9002*1.35+4004*0.54+5004*1.01+4104*0.27+6107*1.50
15632 (C)	Structural	9002*1.35+4004*0.54+5004*1.01+4104*0.27+6108*1.50
15633 (C)	Structural	9002*1.35+4004*0.54+5005*1.01+4104*0.27+6101*1.50
15634 (C)	Structural	9002*1.35+4004*0.54+5005*1.01+4104*0.27+6102*1.50
15635 (C)	Structural	9002*1.35+4004*0.54+5005*1.01+4104*0.27+6103*1.50
15636 (C)	Structural	9002*1.35+4004*0.54+5005*1.01+4104*0.27+6104*1.50
15637 (C)	Structural	9002*1.35+4004*0.54+5005*1.01+4104*0.27+6105*1.50
15638 (C)	Structural	9002*1.35+4004*0.54+5005*1.01+4104*0.27+6106*1.50
15639 (C)	Structural	9002*1.35+4004*0.54+5005*1.01+4104*0.27+6107*1.50
15640 (C)	Structural	9002*1.35+4004*0.54+5005*1.01+4104*0.27+6108*1.50
15641 (C)	Structural	9002*1.35+4004*0.54+5006*1.01+4104*0.27+6101*1.50
15642 (C)	Structural	9002*1.35+4004*0.54+5006*1.01+4104*0.27+6102*1.50
15643 (C)	Structural	9002*1.35+4004*0.54+5006*1.01+4104*0.27+6103*1.50
15644 (C)	Structural	9002*1.35+4004*0.54+5006*1.01+4104*0.27+6104*1.50
15645 (C)	Structural	9002*1.35+4004*0.54+5006*1.01+4104*0.27+6105*1.50
15646 (C)	Structural	9002*1.35+4004*0.54+5006*1.01+4104*0.27+6106*1.50
15647 (C)	Structural	9002*1.35+4004*0.54+5006*1.01+4104*0.27+6107*1.50
15648 (C)	Structural	9002*1.35+4004*0.54+5006*1.01+4104*0.27+6108*1.50
15649 (C)	Structural	9002*1.35+4004*0.54+5007*1.01+4104*0.27+6101*1.50
15650 (C)	Structural	9002*1.35+4004*0.54+5007*1.01+4104*0.27+6102*1.50
15651 (C)	Structural	9002*1.35+4004*0.54+5007*1.01+4104*0.27+6103*1.50
15652 (C)	Structural	9002*1.35+4004*0.54+5007*1.01+4104*0.27+6104*1.50
15653 (C)	Structural	9002*1.35+4004*0.54+5007*1.01+4104*0.27+6105*1.50
15654 (C)	Structural	9002*1.35+4004*0.54+5007*1.01+4104*0.27+6106*1.50
15655 (C)	Structural	9002*1.35+4004*0.54+5007*1.01+4104*0.27+6107*1.50
15656 (C)	Structural	9002*1.35+4004*0.54+5007*1.01+4104*0.27+6108*1.50
15657 (C)	Structural	9002*1.35+4005*0.54+5001*1.01+4105*0.27+6101*1.50
15658 (C)	Structural	9002*1.35+4005*0.54+5001*1.01+4105*0.27+6102*1.50
15659 (C)	Structural	9002*1.35+4005*0.54+5001*1.01+4105*0.27+6103*1.50
15660 (C)	Structural	9002*1.35+4005*0.54+5001*1.01+4105*0.27+6104*1.50
15661 (C)	Structural	9002*1.35+4005*0.54+5001*1.01+4105*0.27+6105*1.50
15662 (C)	Structural	9002*1.35+4005*0.54+5001*1.01+4105*0.27+6106*1.50
15663 (C)	Structural	9002*1.35+4005*0.54+5001*1.01+4105*0.27+6107*1.50
15664 (C)	Structural	9002*1.35+4005*0.54+5001*1.01+4105*0.27+6108*1.50
15665 (C)	Structural	9002*1.35+4005*0.54+5002*1.01+4105*0.27+6101*1.50
15666 (C)	Structural	9002*1.35+4005*0.54+5002*1.01+4105*0.27+6102*1.50
15667 (C)	Structural	9002*1.35+4005*0.54+5002*1.01+4105*0.27+6103*1.50
15668 (C)	Structural	9002*1.35+4005*0.54+5002*1.01+4105*0.27+6104*1.50
15669 (C)	Structural	9002*1.35+4005*0.54+5002*1.01+4105*0.27+6105*1.50
15670 (C)	Structural	9002*1.35+4005*0.54+5002*1.01+4105*0.27+6106*1.50
15671 (C)	Structural	9002*1.35+4005*0.54+5002*1.01+4105*0.27+6107*1.50
15672 (C)	Structural	9002*1.35+4005*0.54+5002*1.01+4105*0.27+6108*1.50
15673 (C)	Structural	9002*1.35+4005*0.54+5003*1.01+4105*0.27+6101*1.50
15674 (C)	Structural	9002*1.35+4005*0.54+5003*1.01+4105*0.27+6102*1.50
15675 (C)	Structural	9002*1.35+4005*0.54+5003*1.01+4105*0.27+6103*1.50

Combinations	Case nature	Definition
15676 (C)	Structural	9002*1.35+4005*0.54+5003*1.01+4105*0.27+6104*1.50
15677 (C)	Structural	9002*1.35+4005*0.54+5003*1.01+4105*0.27+6105*1.50
15678 (C)	Structural	9002*1.35+4005*0.54+5003*1.01+4105*0.27+6106*1.50
15679 (C)	Structural	9002*1.35+4005*0.54+5003*1.01+4105*0.27+6107*1.50
15680 (C)	Structural	9002*1.35+4005*0.54+5003*1.01+4105*0.27+6108*1.50
15681 (C)	Structural	9002*1.35+4005*0.54+5004*1.01+4105*0.27+6101*1.50
15682 (C)	Structural	9002*1.35+4005*0.54+5004*1.01+4105*0.27+6102*1.50
15683 (C)	Structural	9002*1.35+4005*0.54+5004*1.01+4105*0.27+6103*1.50
15684 (C)	Structural	9002*1.35+4005*0.54+5004*1.01+4105*0.27+6104*1.50
15685 (C)	Structural	9002*1.35+4005*0.54+5004*1.01+4105*0.27+6105*1.50
15686 (C)	Structural	9002*1.35+4005*0.54+5004*1.01+4105*0.27+6106*1.50
15687 (C)	Structural	9002*1.35+4005*0.54+5004*1.01+4105*0.27+6107*1.50
15688 (C)	Structural	9002*1.35+4005*0.54+5004*1.01+4105*0.27+6108*1.50
15689 (C)	Structural	9002*1.35+4005*0.54+5005*1.01+4105*0.27+6101*1.50
15690 (C)	Structural	9002*1.35+4005*0.54+5005*1.01+4105*0.27+6102*1.50
15691 (C)	Structural	9002*1.35+4005*0.54+5005*1.01+4105*0.27+6103*1.50
15692 (C)	Structural	9002*1.35+4005*0.54+5005*1.01+4105*0.27+6104*1.50
15693 (C)	Structural	9002*1.35+4005*0.54+5005*1.01+4105*0.27+6105*1.50
15694 (C)	Structural	9002*1.35+4005*0.54+5005*1.01+4105*0.27+6106*1.50
15695 (C)	Structural	9002*1.35+4005*0.54+5005*1.01+4105*0.27+6107*1.50
15696 (C)	Structural	9002*1.35+4005*0.54+5005*1.01+4105*0.27+6108*1.50
15697 (C)	Structural	9002*1.35+4005*0.54+5006*1.01+4105*0.27+6101*1.50
15698 (C)	Structural	9002*1.35+4005*0.54+5006*1.01+4105*0.27+6102*1.50
15699 (C)	Structural	9002*1.35+4005*0.54+5006*1.01+4105*0.27+6103*1.50
15700 (C)	Structural	9002*1.35+4005*0.54+5006*1.01+4105*0.27+6104*1.50
15701 (C)	Structural	9002*1.35+4005*0.54+5006*1.01+4105*0.27+6105*1.50
15702 (C)	Structural	9002*1.35+4005*0.54+5006*1.01+4105*0.27+6106*1.50
15703 (C)	Structural	9002*1.35+4005*0.54+5006*1.01+4105*0.27+6107*1.50
15704 (C)	Structural	9002*1.35+4005*0.54+5006*1.01+4105*0.27+6108*1.50
15705 (C)	Structural	9002*1.35+4005*0.54+5007*1.01+4105*0.27+6101*1.50
15706 (C)	Structural	9002*1.35+4005*0.54+5007*1.01+4105*0.27+6102*1.50
15707 (C)	Structural	9002*1.35+4005*0.54+5007*1.01+4105*0.27+6103*1.50
15708 (C)	Structural	9002*1.35+4005*0.54+5007*1.01+4105*0.27+6104*1.50
15709 (C)	Structural	9002*1.35+4005*0.54+5007*1.01+4105*0.27+6105*1.50
15710 (C)	Structural	9002*1.35+4005*0.54+5007*1.01+4105*0.27+6106*1.50
15711 (C)	Structural	9002*1.35+4005*0.54+5007*1.01+4105*0.27+6107*1.50
15712 (C)	Structural	9002*1.35+4005*0.54+5007*1.01+4105*0.27+6108*1.50
15713 (C)	Structural	9002*1.35+4006*0.54+5001*1.01+4106*0.27+6101*1.50
15714 (C)	Structural	9002*1.35+4006*0.54+5001*1.01+4106*0.27+6102*1.50
15715 (C)	Structural	9002*1.35+4006*0.54+5001*1.01+4106*0.27+6103*1.50
15716 (C)	Structural	9002*1.35+4006*0.54+5001*1.01+4106*0.27+6104*1.50
15717 (C)	Structural	9002*1.35+4006*0.54+5001*1.01+4106*0.27+6105*1.50
15718 (C)	Structural	9002*1.35+4006*0.54+5001*1.01+4106*0.27+6106*1.50
15719 (C)	Structural	9002*1.35+4006*0.54+5001*1.01+4106*0.27+6107*1.50
15720 (C)	Structural	9002*1.35+4006*0.54+5001*1.01+4106*0.27+6108*1.50
15721 (C)	Structural	9002*1.35+4006*0.54+5002*1.01+4106*0.27+6101*1.50
15722 (C)	Structural	9002*1.35+4006*0.54+5002*1.01+4106*0.27+6102*1.50
15723 (C)	Structural	9002*1.35+4006*0.54+5002*1.01+4106*0.27+6103*1.50
15724 (C)	Structural	9002*1.35+4006*0.54+5002*1.01+4106*0.27+6104*1.50
15725 (C)	Structural	9002*1.35+4006*0.54+5002*1.01+4106*0.27+6105*1.50
15726 (C)	Structural	9002*1.35+4006*0.54+5002*1.01+4106*0.27+6106*1.50
15727 (C)	Structural	9002*1.35+4006*0.54+5002*1.01+4106*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
15728 (C)	Structural	9002*1.35+4006*0.54+5002*1.01+4106*0.27+6108*1.50
15729 (C)	Structural	9002*1.35+4006*0.54+5003*1.01+4106*0.27+6101*1.50
15730 (C)	Structural	9002*1.35+4006*0.54+5003*1.01+4106*0.27+6102*1.50
15731 (C)	Structural	9002*1.35+4006*0.54+5003*1.01+4106*0.27+6103*1.50
15732 (C)	Structural	9002*1.35+4006*0.54+5003*1.01+4106*0.27+6104*1.50
15733 (C)	Structural	9002*1.35+4006*0.54+5003*1.01+4106*0.27+6105*1.50
15734 (C)	Structural	9002*1.35+4006*0.54+5003*1.01+4106*0.27+6106*1.50
15735 (C)	Structural	9002*1.35+4006*0.54+5003*1.01+4106*0.27+6107*1.50
15736 (C)	Structural	9002*1.35+4006*0.54+5003*1.01+4106*0.27+6108*1.50
15737 (C)	Structural	9002*1.35+4006*0.54+5004*1.01+4106*0.27+6101*1.50
15738 (C)	Structural	9002*1.35+4006*0.54+5004*1.01+4106*0.27+6102*1.50
15739 (C)	Structural	9002*1.35+4006*0.54+5004*1.01+4106*0.27+6103*1.50
15740 (C)	Structural	9002*1.35+4006*0.54+5004*1.01+4106*0.27+6104*1.50
15741 (C)	Structural	9002*1.35+4006*0.54+5004*1.01+4106*0.27+6105*1.50
15742 (C)	Structural	9002*1.35+4006*0.54+5004*1.01+4106*0.27+6106*1.50
15743 (C)	Structural	9002*1.35+4006*0.54+5004*1.01+4106*0.27+6107*1.50
15744 (C)	Structural	9002*1.35+4006*0.54+5004*1.01+4106*0.27+6108*1.50
15745 (C)	Structural	9002*1.35+4006*0.54+5005*1.01+4106*0.27+6101*1.50
15746 (C)	Structural	9002*1.35+4006*0.54+5005*1.01+4106*0.27+6102*1.50
15747 (C)	Structural	9002*1.35+4006*0.54+5005*1.01+4106*0.27+6103*1.50
15748 (C)	Structural	9002*1.35+4006*0.54+5005*1.01+4106*0.27+6104*1.50
15749 (C)	Structural	9002*1.35+4006*0.54+5005*1.01+4106*0.27+6105*1.50
15750 (C)	Structural	9002*1.35+4006*0.54+5005*1.01+4106*0.27+6106*1.50
15751 (C)	Structural	9002*1.35+4006*0.54+5005*1.01+4106*0.27+6107*1.50
15752 (C)	Structural	9002*1.35+4006*0.54+5005*1.01+4106*0.27+6108*1.50
15753 (C)	Structural	9002*1.35+4006*0.54+5006*1.01+4106*0.27+6101*1.50
15754 (C)	Structural	9002*1.35+4006*0.54+5006*1.01+4106*0.27+6102*1.50
15755 (C)	Structural	9002*1.35+4006*0.54+5006*1.01+4106*0.27+6103*1.50
15756 (C)	Structural	9002*1.35+4006*0.54+5006*1.01+4106*0.27+6104*1.50
15757 (C)	Structural	9002*1.35+4006*0.54+5006*1.01+4106*0.27+6105*1.50
15758 (C)	Structural	9002*1.35+4006*0.54+5006*1.01+4106*0.27+6106*1.50
15759 (C)	Structural	9002*1.35+4006*0.54+5006*1.01+4106*0.27+6107*1.50
15760 (C)	Structural	9002*1.35+4006*0.54+5006*1.01+4106*0.27+6108*1.50
15761 (C)	Structural	9002*1.35+4006*0.54+5007*1.01+4106*0.27+6101*1.50
15762 (C)	Structural	9002*1.35+4006*0.54+5007*1.01+4106*0.27+6102*1.50
15763 (C)	Structural	9002*1.35+4006*0.54+5007*1.01+4106*0.27+6103*1.50
15764 (C)	Structural	9002*1.35+4006*0.54+5007*1.01+4106*0.27+6104*1.50
15765 (C)	Structural	9002*1.35+4006*0.54+5007*1.01+4106*0.27+6105*1.50
15766 (C)	Structural	9002*1.35+4006*0.54+5007*1.01+4106*0.27+6106*1.50
15767 (C)	Structural	9002*1.35+4006*0.54+5007*1.01+4106*0.27+6107*1.50
15768 (C)	Structural	9002*1.35+4006*0.54+5007*1.01+4106*0.27+6108*1.50
15769 (C)	Structural	9002*1.35+4007*0.54+5001*1.01+4107*0.27+6101*1.50
15770 (C)	Structural	9002*1.35+4007*0.54+5001*1.01+4107*0.27+6102*1.50
15771 (C)	Structural	9002*1.35+4007*0.54+5001*1.01+4107*0.27+6103*1.50
15772 (C)	Structural	9002*1.35+4007*0.54+5001*1.01+4107*0.27+6104*1.50
15773 (C)	Structural	9002*1.35+4007*0.54+5001*1.01+4107*0.27+6105*1.50
15774 (C)	Structural	9002*1.35+4007*0.54+5001*1.01+4107*0.27+6106*1.50
15775 (C)	Structural	9002*1.35+4007*0.54+5001*1.01+4107*0.27+6107*1.50
15776 (C)	Structural	9002*1.35+4007*0.54+5001*1.01+4107*0.27+6108*1.50
15777 (C)	Structural	9002*1.35+4007*0.54+5002*1.01+4107*0.27+6101*1.50
15778 (C)	Structural	9002*1.35+4007*0.54+5002*1.01+4107*0.27+6102*1.50
15779 (C)	Structural	9002*1.35+4007*0.54+5002*1.01+4107*0.27+6103*1.50

Combinations	Case nature	Definition
15780 (C)	Structural	9002*1.35+4007*0.54+5002*1.01+4107*0.27+6104*1.50
15781 (C)	Structural	9002*1.35+4007*0.54+5002*1.01+4107*0.27+6105*1.50
15782 (C)	Structural	9002*1.35+4007*0.54+5002*1.01+4107*0.27+6106*1.50
15783 (C)	Structural	9002*1.35+4007*0.54+5002*1.01+4107*0.27+6107*1.50
15784 (C)	Structural	9002*1.35+4007*0.54+5002*1.01+4107*0.27+6108*1.50
15785 (C)	Structural	9002*1.35+4007*0.54+5003*1.01+4107*0.27+6101*1.50
15786 (C)	Structural	9002*1.35+4007*0.54+5003*1.01+4107*0.27+6102*1.50
15787 (C)	Structural	9002*1.35+4007*0.54+5003*1.01+4107*0.27+6103*1.50
15788 (C)	Structural	9002*1.35+4007*0.54+5003*1.01+4107*0.27+6104*1.50
15789 (C)	Structural	9002*1.35+4007*0.54+5003*1.01+4107*0.27+6105*1.50
15790 (C)	Structural	9002*1.35+4007*0.54+5003*1.01+4107*0.27+6106*1.50
15791 (C)	Structural	9002*1.35+4007*0.54+5003*1.01+4107*0.27+6107*1.50
15792 (C)	Structural	9002*1.35+4007*0.54+5003*1.01+4107*0.27+6108*1.50
15793 (C)	Structural	9002*1.35+4007*0.54+5004*1.01+4107*0.27+6101*1.50
15794 (C)	Structural	9002*1.35+4007*0.54+5004*1.01+4107*0.27+6102*1.50
15795 (C)	Structural	9002*1.35+4007*0.54+5004*1.01+4107*0.27+6103*1.50
15796 (C)	Structural	9002*1.35+4007*0.54+5004*1.01+4107*0.27+6104*1.50
15797 (C)	Structural	9002*1.35+4007*0.54+5004*1.01+4107*0.27+6105*1.50
15798 (C)	Structural	9002*1.35+4007*0.54+5004*1.01+4107*0.27+6106*1.50
15799 (C)	Structural	9002*1.35+4007*0.54+5004*1.01+4107*0.27+6107*1.50
15800 (C)	Structural	9002*1.35+4007*0.54+5004*1.01+4107*0.27+6108*1.50
15801 (C)	Structural	9002*1.35+4007*0.54+5005*1.01+4107*0.27+6101*1.50
15802 (C)	Structural	9002*1.35+4007*0.54+5005*1.01+4107*0.27+6102*1.50
15803 (C)	Structural	9002*1.35+4007*0.54+5005*1.01+4107*0.27+6103*1.50
15804 (C)	Structural	9002*1.35+4007*0.54+5005*1.01+4107*0.27+6104*1.50
15805 (C)	Structural	9002*1.35+4007*0.54+5005*1.01+4107*0.27+6105*1.50
15806 (C)	Structural	9002*1.35+4007*0.54+5005*1.01+4107*0.27+6106*1.50
15807 (C)	Structural	9002*1.35+4007*0.54+5005*1.01+4107*0.27+6107*1.50
15808 (C)	Structural	9002*1.35+4007*0.54+5005*1.01+4107*0.27+6108*1.50
15809 (C)	Structural	9002*1.35+4007*0.54+5006*1.01+4107*0.27+6101*1.50
15810 (C)	Structural	9002*1.35+4007*0.54+5006*1.01+4107*0.27+6102*1.50
15811 (C)	Structural	9002*1.35+4007*0.54+5006*1.01+4107*0.27+6103*1.50
15812 (C)	Structural	9002*1.35+4007*0.54+5006*1.01+4107*0.27+6104*1.50
15813 (C)	Structural	9002*1.35+4007*0.54+5006*1.01+4107*0.27+6105*1.50
15814 (C)	Structural	9002*1.35+4007*0.54+5006*1.01+4107*0.27+6106*1.50
15815 (C)	Structural	9002*1.35+4007*0.54+5006*1.01+4107*0.27+6107*1.50
15816 (C)	Structural	9002*1.35+4007*0.54+5006*1.01+4107*0.27+6108*1.50
15817 (C)	Structural	9002*1.35+4007*0.54+5007*1.01+4107*0.27+6101*1.50
15818 (C)	Structural	9002*1.35+4007*0.54+5007*1.01+4107*0.27+6102*1.50
15819 (C)	Structural	9002*1.35+4007*0.54+5007*1.01+4107*0.27+6103*1.50
15820 (C)	Structural	9002*1.35+4007*0.54+5007*1.01+4107*0.27+6104*1.50
15821 (C)	Structural	9002*1.35+4007*0.54+5007*1.01+4107*0.27+6105*1.50
15822 (C)	Structural	9002*1.35+4007*0.54+5007*1.01+4107*0.27+6106*1.50
15823 (C)	Structural	9002*1.35+4007*0.54+5007*1.01+4107*0.27+6107*1.50
15824 (C)	Structural	9002*1.35+4007*0.54+5007*1.01+4107*0.27+6108*1.50
15825 (C)	Structural	9002*1.35+4008*0.54+5001*1.01+4108*0.27+6101*1.50
15826 (C)	Structural	9002*1.35+4008*0.54+5001*1.01+4108*0.27+6102*1.50
15827 (C)	Structural	9002*1.35+4008*0.54+5001*1.01+4108*0.27+6103*1.50
15828 (C)	Structural	9002*1.35+4008*0.54+5001*1.01+4108*0.27+6104*1.50
15829 (C)	Structural	9002*1.35+4008*0.54+5001*1.01+4108*0.27+6105*1.50
15830 (C)	Structural	9002*1.35+4008*0.54+5001*1.01+4108*0.27+6106*1.50
15831 (C)	Structural	9002*1.35+4008*0.54+5001*1.01+4108*0.27+6107*1.50

Combinations	Case nature	Definition
15832 (C)	Structural	9002*1.35+4008*0.54+5001*1.01+4108*0.27+6108*1.50
15833 (C)	Structural	9002*1.35+4008*0.54+5002*1.01+4108*0.27+6101*1.50
15834 (C)	Structural	9002*1.35+4008*0.54+5002*1.01+4108*0.27+6102*1.50
15835 (C)	Structural	9002*1.35+4008*0.54+5002*1.01+4108*0.27+6103*1.50
15836 (C)	Structural	9002*1.35+4008*0.54+5002*1.01+4108*0.27+6104*1.50
15837 (C)	Structural	9002*1.35+4008*0.54+5002*1.01+4108*0.27+6105*1.50
15838 (C)	Structural	9002*1.35+4008*0.54+5002*1.01+4108*0.27+6106*1.50
15839 (C)	Structural	9002*1.35+4008*0.54+5002*1.01+4108*0.27+6107*1.50
15840 (C)	Structural	9002*1.35+4008*0.54+5002*1.01+4108*0.27+6108*1.50
15841 (C)	Structural	9002*1.35+4008*0.54+5003*1.01+4108*0.27+6101*1.50
15842 (C)	Structural	9002*1.35+4008*0.54+5003*1.01+4108*0.27+6102*1.50
15843 (C)	Structural	9002*1.35+4008*0.54+5003*1.01+4108*0.27+6103*1.50
15844 (C)	Structural	9002*1.35+4008*0.54+5003*1.01+4108*0.27+6104*1.50
15845 (C)	Structural	9002*1.35+4008*0.54+5003*1.01+4108*0.27+6105*1.50
15846 (C)	Structural	9002*1.35+4008*0.54+5003*1.01+4108*0.27+6106*1.50
15847 (C)	Structural	9002*1.35+4008*0.54+5003*1.01+4108*0.27+6107*1.50
15848 (C)	Structural	9002*1.35+4008*0.54+5003*1.01+4108*0.27+6108*1.50
15849 (C)	Structural	9002*1.35+4008*0.54+5004*1.01+4108*0.27+6101*1.50
15850 (C)	Structural	9002*1.35+4008*0.54+5004*1.01+4108*0.27+6102*1.50
15851 (C)	Structural	9002*1.35+4008*0.54+5004*1.01+4108*0.27+6103*1.50
15852 (C)	Structural	9002*1.35+4008*0.54+5004*1.01+4108*0.27+6104*1.50
15853 (C)	Structural	9002*1.35+4008*0.54+5004*1.01+4108*0.27+6105*1.50
15854 (C)	Structural	9002*1.35+4008*0.54+5004*1.01+4108*0.27+6106*1.50
15855 (C)	Structural	9002*1.35+4008*0.54+5004*1.01+4108*0.27+6107*1.50
15856 (C)	Structural	9002*1.35+4008*0.54+5004*1.01+4108*0.27+6108*1.50
15857 (C)	Structural	9002*1.35+4008*0.54+5005*1.01+4108*0.27+6101*1.50
15858 (C)	Structural	9002*1.35+4008*0.54+5005*1.01+4108*0.27+6102*1.50
15859 (C)	Structural	9002*1.35+4008*0.54+5005*1.01+4108*0.27+6103*1.50
15860 (C)	Structural	9002*1.35+4008*0.54+5005*1.01+4108*0.27+6104*1.50
15861 (C)	Structural	9002*1.35+4008*0.54+5005*1.01+4108*0.27+6105*1.50
15862 (C)	Structural	9002*1.35+4008*0.54+5005*1.01+4108*0.27+6106*1.50
15863 (C)	Structural	9002*1.35+4008*0.54+5005*1.01+4108*0.27+6107*1.50
15864 (C)	Structural	9002*1.35+4008*0.54+5005*1.01+4108*0.27+6108*1.50
15865 (C)	Structural	9002*1.35+4008*0.54+5006*1.01+4108*0.27+6101*1.50
15866 (C)	Structural	9002*1.35+4008*0.54+5006*1.01+4108*0.27+6102*1.50
15867 (C)	Structural	9002*1.35+4008*0.54+5006*1.01+4108*0.27+6103*1.50
15868 (C)	Structural	9002*1.35+4008*0.54+5006*1.01+4108*0.27+6104*1.50
15869 (C)	Structural	9002*1.35+4008*0.54+5006*1.01+4108*0.27+6105*1.50
15870 (C)	Structural	9002*1.35+4008*0.54+5006*1.01+4108*0.27+6106*1.50
15871 (C)	Structural	9002*1.35+4008*0.54+5006*1.01+4108*0.27+6107*1.50
15872 (C)	Structural	9002*1.35+4008*0.54+5006*1.01+4108*0.27+6108*1.50
15873 (C)	Structural	9002*1.35+4008*0.54+5007*1.01+4108*0.27+6101*1.50
15874 (C)	Structural	9002*1.35+4008*0.54+5007*1.01+4108*0.27+6102*1.50
15875 (C)	Structural	9002*1.35+4008*0.54+5007*1.01+4108*0.27+6103*1.50
15876 (C)	Structural	9002*1.35+4008*0.54+5007*1.01+4108*0.27+6104*1.50
15877 (C)	Structural	9002*1.35+4008*0.54+5007*1.01+4108*0.27+6105*1.50
15878 (C)	Structural	9002*1.35+4008*0.54+5007*1.01+4108*0.27+6106*1.50
15879 (C)	Structural	9002*1.35+4008*0.54+5007*1.01+4108*0.27+6107*1.50
15880 (C)	Structural	9002*1.35+4008*0.54+5007*1.01+4108*0.27+6108*1.50
15881 (C)	Structural	9002*1.35+4009*0.54+5001*1.01+4109*0.27+6101*1.50
15882 (C)	Structural	9002*1.35+4009*0.54+5001*1.01+4109*0.27+6102*1.50
15883 (C)	Structural	9002*1.35+4009*0.54+5001*1.01+4109*0.27+6103*1.50

Combinations	Case nature	Definition
15884 (C)	Structural	9002*1.35+4009*0.54+5001*1.01+4109*0.27+6104*1.50
15885 (C)	Structural	9002*1.35+4009*0.54+5001*1.01+4109*0.27+6105*1.50
15886 (C)	Structural	9002*1.35+4009*0.54+5001*1.01+4109*0.27+6106*1.50
15887 (C)	Structural	9002*1.35+4009*0.54+5001*1.01+4109*0.27+6107*1.50
15888 (C)	Structural	9002*1.35+4009*0.54+5001*1.01+4109*0.27+6108*1.50
15889 (C)	Structural	9002*1.35+4009*0.54+5002*1.01+4109*0.27+6101*1.50
15890 (C)	Structural	9002*1.35+4009*0.54+5002*1.01+4109*0.27+6102*1.50
15891 (C)	Structural	9002*1.35+4009*0.54+5002*1.01+4109*0.27+6103*1.50
15892 (C)	Structural	9002*1.35+4009*0.54+5002*1.01+4109*0.27+6104*1.50
15893 (C)	Structural	9002*1.35+4009*0.54+5002*1.01+4109*0.27+6105*1.50
15894 (C)	Structural	9002*1.35+4009*0.54+5002*1.01+4109*0.27+6106*1.50
15895 (C)	Structural	9002*1.35+4009*0.54+5002*1.01+4109*0.27+6107*1.50
15896 (C)	Structural	9002*1.35+4009*0.54+5002*1.01+4109*0.27+6108*1.50
15897 (C)	Structural	9002*1.35+4009*0.54+5003*1.01+4109*0.27+6101*1.50
15898 (C)	Structural	9002*1.35+4009*0.54+5003*1.01+4109*0.27+6102*1.50
15899 (C)	Structural	9002*1.35+4009*0.54+5003*1.01+4109*0.27+6103*1.50
15900 (C)	Structural	9002*1.35+4009*0.54+5003*1.01+4109*0.27+6104*1.50
15901 (C)	Structural	9002*1.35+4009*0.54+5003*1.01+4109*0.27+6105*1.50
15902 (C)	Structural	9002*1.35+4009*0.54+5003*1.01+4109*0.27+6106*1.50
15903 (C)	Structural	9002*1.35+4009*0.54+5003*1.01+4109*0.27+6107*1.50
15904 (C)	Structural	9002*1.35+4009*0.54+5003*1.01+4109*0.27+6108*1.50
15905 (C)	Structural	9002*1.35+4009*0.54+5004*1.01+4109*0.27+6101*1.50
15906 (C)	Structural	9002*1.35+4009*0.54+5004*1.01+4109*0.27+6102*1.50
15907 (C)	Structural	9002*1.35+4009*0.54+5004*1.01+4109*0.27+6103*1.50
15908 (C)	Structural	9002*1.35+4009*0.54+5004*1.01+4109*0.27+6104*1.50
15909 (C)	Structural	9002*1.35+4009*0.54+5004*1.01+4109*0.27+6105*1.50
15910 (C)	Structural	9002*1.35+4009*0.54+5004*1.01+4109*0.27+6106*1.50
15911 (C)	Structural	9002*1.35+4009*0.54+5004*1.01+4109*0.27+6107*1.50
15912 (C)	Structural	9002*1.35+4009*0.54+5004*1.01+4109*0.27+6108*1.50
15913 (C)	Structural	9002*1.35+4009*0.54+5005*1.01+4109*0.27+6101*1.50
15914 (C)	Structural	9002*1.35+4009*0.54+5005*1.01+4109*0.27+6102*1.50
15915 (C)	Structural	9002*1.35+4009*0.54+5005*1.01+4109*0.27+6103*1.50
15916 (C)	Structural	9002*1.35+4009*0.54+5005*1.01+4109*0.27+6104*1.50
15917 (C)	Structural	9002*1.35+4009*0.54+5005*1.01+4109*0.27+6105*1.50
15918 (C)	Structural	9002*1.35+4009*0.54+5005*1.01+4109*0.27+6106*1.50
15919 (C)	Structural	9002*1.35+4009*0.54+5005*1.01+4109*0.27+6107*1.50
15920 (C)	Structural	9002*1.35+4009*0.54+5005*1.01+4109*0.27+6108*1.50
15921 (C)	Structural	9002*1.35+4009*0.54+5006*1.01+4109*0.27+6101*1.50
15922 (C)	Structural	9002*1.35+4009*0.54+5006*1.01+4109*0.27+6102*1.50
15923 (C)	Structural	9002*1.35+4009*0.54+5006*1.01+4109*0.27+6103*1.50
15924 (C)	Structural	9002*1.35+4009*0.54+5006*1.01+4109*0.27+6104*1.50
15925 (C)	Structural	9002*1.35+4009*0.54+5006*1.01+4109*0.27+6105*1.50
15926 (C)	Structural	9002*1.35+4009*0.54+5006*1.01+4109*0.27+6106*1.50
15927 (C)	Structural	9002*1.35+4009*0.54+5006*1.01+4109*0.27+6107*1.50
15928 (C)	Structural	9002*1.35+4009*0.54+5006*1.01+4109*0.27+6108*1.50
15929 (C)	Structural	9002*1.35+4009*0.54+5007*1.01+4109*0.27+6101*1.50
15930 (C)	Structural	9002*1.35+4009*0.54+5007*1.01+4109*0.27+6102*1.50
15931 (C)	Structural	9002*1.35+4009*0.54+5007*1.01+4109*0.27+6103*1.50
15932 (C)	Structural	9002*1.35+4009*0.54+5007*1.01+4109*0.27+6104*1.50
15933 (C)	Structural	9002*1.35+4009*0.54+5007*1.01+4109*0.27+6105*1.50
15934 (C)	Structural	9002*1.35+4009*0.54+5007*1.01+4109*0.27+6106*1.50
15935 (C)	Structural	9002*1.35+4009*0.54+5007*1.01+4109*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
15936 (C)	Structural	9002*1.35+4009*0.54+5007*1.01+4109*0.27+6108*1.50
15937 (C)	Structural	9002*1.35+4010*0.54+5001*1.01+4110*0.27+6101*1.50
15938 (C)	Structural	9002*1.35+4010*0.54+5001*1.01+4110*0.27+6102*1.50
15939 (C)	Structural	9002*1.35+4010*0.54+5001*1.01+4110*0.27+6103*1.50
15940 (C)	Structural	9002*1.35+4010*0.54+5001*1.01+4110*0.27+6104*1.50
15941 (C)	Structural	9002*1.35+4010*0.54+5001*1.01+4110*0.27+6105*1.50
15942 (C)	Structural	9002*1.35+4010*0.54+5001*1.01+4110*0.27+6106*1.50
15943 (C)	Structural	9002*1.35+4010*0.54+5001*1.01+4110*0.27+6107*1.50
15944 (C)	Structural	9002*1.35+4010*0.54+5001*1.01+4110*0.27+6108*1.50
15945 (C)	Structural	9002*1.35+4010*0.54+5002*1.01+4110*0.27+6101*1.50
15946 (C)	Structural	9002*1.35+4010*0.54+5002*1.01+4110*0.27+6102*1.50
15947 (C)	Structural	9002*1.35+4010*0.54+5002*1.01+4110*0.27+6103*1.50
15948 (C)	Structural	9002*1.35+4010*0.54+5002*1.01+4110*0.27+6104*1.50
15949 (C)	Structural	9002*1.35+4010*0.54+5002*1.01+4110*0.27+6105*1.50
15950 (C)	Structural	9002*1.35+4010*0.54+5002*1.01+4110*0.27+6106*1.50
15951 (C)	Structural	9002*1.35+4010*0.54+5002*1.01+4110*0.27+6107*1.50
15952 (C)	Structural	9002*1.35+4010*0.54+5002*1.01+4110*0.27+6108*1.50
15953 (C)	Structural	9002*1.35+4010*0.54+5003*1.01+4110*0.27+6101*1.50
15954 (C)	Structural	9002*1.35+4010*0.54+5003*1.01+4110*0.27+6102*1.50
15955 (C)	Structural	9002*1.35+4010*0.54+5003*1.01+4110*0.27+6103*1.50
15956 (C)	Structural	9002*1.35+4010*0.54+5003*1.01+4110*0.27+6104*1.50
15957 (C)	Structural	9002*1.35+4010*0.54+5003*1.01+4110*0.27+6105*1.50
15958 (C)	Structural	9002*1.35+4010*0.54+5003*1.01+4110*0.27+6106*1.50
15959 (C)	Structural	9002*1.35+4010*0.54+5003*1.01+4110*0.27+6107*1.50
15960 (C)	Structural	9002*1.35+4010*0.54+5003*1.01+4110*0.27+6108*1.50
15961 (C)	Structural	9002*1.35+4010*0.54+5004*1.01+4110*0.27+6101*1.50
15962 (C)	Structural	9002*1.35+4010*0.54+5004*1.01+4110*0.27+6102*1.50
15963 (C)	Structural	9002*1.35+4010*0.54+5004*1.01+4110*0.27+6103*1.50
15964 (C)	Structural	9002*1.35+4010*0.54+5004*1.01+4110*0.27+6104*1.50
15965 (C)	Structural	9002*1.35+4010*0.54+5004*1.01+4110*0.27+6105*1.50
15966 (C)	Structural	9002*1.35+4010*0.54+5004*1.01+4110*0.27+6106*1.50
15967 (C)	Structural	9002*1.35+4010*0.54+5004*1.01+4110*0.27+6107*1.50
15968 (C)	Structural	9002*1.35+4010*0.54+5004*1.01+4110*0.27+6108*1.50
15969 (C)	Structural	9002*1.35+4010*0.54+5005*1.01+4110*0.27+6101*1.50
15970 (C)	Structural	9002*1.35+4010*0.54+5005*1.01+4110*0.27+6102*1.50
15971 (C)	Structural	9002*1.35+4010*0.54+5005*1.01+4110*0.27+6103*1.50
15972 (C)	Structural	9002*1.35+4010*0.54+5005*1.01+4110*0.27+6104*1.50
15973 (C)	Structural	9002*1.35+4010*0.54+5005*1.01+4110*0.27+6105*1.50
15974 (C)	Structural	9002*1.35+4010*0.54+5005*1.01+4110*0.27+6106*1.50
15975 (C)	Structural	9002*1.35+4010*0.54+5005*1.01+4110*0.27+6107*1.50
15976 (C)	Structural	9002*1.35+4010*0.54+5005*1.01+4110*0.27+6108*1.50
15977 (C)	Structural	9002*1.35+4010*0.54+5006*1.01+4110*0.27+6101*1.50
15978 (C)	Structural	9002*1.35+4010*0.54+5006*1.01+4110*0.27+6102*1.50
15979 (C)	Structural	9002*1.35+4010*0.54+5006*1.01+4110*0.27+6103*1.50
15980 (C)	Structural	9002*1.35+4010*0.54+5006*1.01+4110*0.27+6104*1.50
15981 (C)	Structural	9002*1.35+4010*0.54+5006*1.01+4110*0.27+6105*1.50
15982 (C)	Structural	9002*1.35+4010*0.54+5006*1.01+4110*0.27+6106*1.50
15983 (C)	Structural	9002*1.35+4010*0.54+5006*1.01+4110*0.27+6107*1.50
15984 (C)	Structural	9002*1.35+4010*0.54+5006*1.01+4110*0.27+6108*1.50
15985 (C)	Structural	9002*1.35+4010*0.54+5007*1.01+4110*0.27+6101*1.50
15986 (C)	Structural	9002*1.35+4010*0.54+5007*1.01+4110*0.27+6102*1.50
15987 (C)	Structural	9002*1.35+4010*0.54+5007*1.01+4110*0.27+6103*1.50

Combinations	Case nature	Definition
15988 (C)	Structural	9002*1.35+4010*0.54+5007*1.01+4110*0.27+6104*1.50
15989 (C)	Structural	9002*1.35+4010*0.54+5007*1.01+4110*0.27+6105*1.50
15990 (C)	Structural	9002*1.35+4010*0.54+5007*1.01+4110*0.27+6106*1.50
15991 (C)	Structural	9002*1.35+4010*0.54+5007*1.01+4110*0.27+6107*1.50
15992 (C)	Structural	9002*1.35+4010*0.54+5007*1.01+4110*0.27+6108*1.50
15993 (C)	Structural	9002*1.35+4011*0.54+5001*1.01+4111*0.27+6101*1.50
15994 (C)	Structural	9002*1.35+4011*0.54+5001*1.01+4111*0.27+6102*1.50
15995 (C)	Structural	9002*1.35+4011*0.54+5001*1.01+4111*0.27+6103*1.50
15996 (C)	Structural	9002*1.35+4011*0.54+5001*1.01+4111*0.27+6104*1.50
15997 (C)	Structural	9002*1.35+4011*0.54+5001*1.01+4111*0.27+6105*1.50
15998 (C)	Structural	9002*1.35+4011*0.54+5001*1.01+4111*0.27+6106*1.50
15999 (C)	Structural	9002*1.35+4011*0.54+5001*1.01+4111*0.27+6107*1.50
16000 (C)	Structural	9002*1.35+4011*0.54+5001*1.01+4111*0.27+6108*1.50
16001 (C)	Structural	9002*1.35+4011*0.54+5002*1.01+4111*0.27+6101*1.50
16002 (C)	Structural	9002*1.35+4011*0.54+5002*1.01+4111*0.27+6102*1.50
16003 (C)	Structural	9002*1.35+4011*0.54+5002*1.01+4111*0.27+6103*1.50
16004 (C)	Structural	9002*1.35+4011*0.54+5002*1.01+4111*0.27+6104*1.50
16005 (C)	Structural	9002*1.35+4011*0.54+5002*1.01+4111*0.27+6105*1.50
16006 (C)	Structural	9002*1.35+4011*0.54+5002*1.01+4111*0.27+6106*1.50
16007 (C)	Structural	9002*1.35+4011*0.54+5002*1.01+4111*0.27+6107*1.50
16008 (C)	Structural	9002*1.35+4011*0.54+5002*1.01+4111*0.27+6108*1.50
16009 (C)	Structural	9002*1.35+4011*0.54+5003*1.01+4111*0.27+6101*1.50
16010 (C)	Structural	9002*1.35+4011*0.54+5003*1.01+4111*0.27+6102*1.50
16011 (C)	Structural	9002*1.35+4011*0.54+5003*1.01+4111*0.27+6103*1.50
16012 (C)	Structural	9002*1.35+4011*0.54+5003*1.01+4111*0.27+6104*1.50
16013 (C)	Structural	9002*1.35+4011*0.54+5003*1.01+4111*0.27+6105*1.50
16014 (C)	Structural	9002*1.35+4011*0.54+5003*1.01+4111*0.27+6106*1.50
16015 (C)	Structural	9002*1.35+4011*0.54+5003*1.01+4111*0.27+6107*1.50
16016 (C)	Structural	9002*1.35+4011*0.54+5003*1.01+4111*0.27+6108*1.50
16017 (C)	Structural	9002*1.35+4011*0.54+5004*1.01+4111*0.27+6101*1.50
16018 (C)	Structural	9002*1.35+4011*0.54+5004*1.01+4111*0.27+6102*1.50
16019 (C)	Structural	9002*1.35+4011*0.54+5004*1.01+4111*0.27+6103*1.50
16020 (C)	Structural	9002*1.35+4011*0.54+5004*1.01+4111*0.27+6104*1.50
16021 (C)	Structural	9002*1.35+4011*0.54+5004*1.01+4111*0.27+6105*1.50
16022 (C)	Structural	9002*1.35+4011*0.54+5004*1.01+4111*0.27+6106*1.50
16023 (C)	Structural	9002*1.35+4011*0.54+5004*1.01+4111*0.27+6107*1.50
16024 (C)	Structural	9002*1.35+4011*0.54+5004*1.01+4111*0.27+6108*1.50
16025 (C)	Structural	9002*1.35+4011*0.54+5005*1.01+4111*0.27+6101*1.50
16026 (C)	Structural	9002*1.35+4011*0.54+5005*1.01+4111*0.27+6102*1.50
16027 (C)	Structural	9002*1.35+4011*0.54+5005*1.01+4111*0.27+6103*1.50
16028 (C)	Structural	9002*1.35+4011*0.54+5005*1.01+4111*0.27+6104*1.50
16029 (C)	Structural	9002*1.35+4011*0.54+5005*1.01+4111*0.27+6105*1.50
16030 (C)	Structural	9002*1.35+4011*0.54+5005*1.01+4111*0.27+6106*1.50
16031 (C)	Structural	9002*1.35+4011*0.54+5005*1.01+4111*0.27+6107*1.50
16032 (C)	Structural	9002*1.35+4011*0.54+5005*1.01+4111*0.27+6108*1.50
16033 (C)	Structural	9002*1.35+4011*0.54+5006*1.01+4111*0.27+6101*1.50
16034 (C)	Structural	9002*1.35+4011*0.54+5006*1.01+4111*0.27+6102*1.50
16035 (C)	Structural	9002*1.35+4011*0.54+5006*1.01+4111*0.27+6103*1.50
16036 (C)	Structural	9002*1.35+4011*0.54+5006*1.01+4111*0.27+6104*1.50
16037 (C)	Structural	9002*1.35+4011*0.54+5006*1.01+4111*0.27+6105*1.50
16038 (C)	Structural	9002*1.35+4011*0.54+5006*1.01+4111*0.27+6106*1.50
16039 (C)	Structural	9002*1.35+4011*0.54+5006*1.01+4111*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
16040 (C)	Structural	9002*1.35+4011*0.54+5006*1.01+4111*0.27+6108*1.50
16041 (C)	Structural	9002*1.35+4011*0.54+5007*1.01+4111*0.27+6101*1.50
16042 (C)	Structural	9002*1.35+4011*0.54+5007*1.01+4111*0.27+6102*1.50
16043 (C)	Structural	9002*1.35+4011*0.54+5007*1.01+4111*0.27+6103*1.50
16044 (C)	Structural	9002*1.35+4011*0.54+5007*1.01+4111*0.27+6104*1.50
16045 (C)	Structural	9002*1.35+4011*0.54+5007*1.01+4111*0.27+6105*1.50
16046 (C)	Structural	9002*1.35+4011*0.54+5007*1.01+4111*0.27+6106*1.50
16047 (C)	Structural	9002*1.35+4011*0.54+5007*1.01+4111*0.27+6107*1.50
16048 (C)	Structural	9002*1.35+4011*0.54+5007*1.01+4111*0.27+6108*1.50
16049 (C)	Structural	9002*1.35+4012*0.54+5001*1.01+4112*0.27+6101*1.50
16050 (C)	Structural	9002*1.35+4012*0.54+5001*1.01+4112*0.27+6102*1.50
16051 (C)	Structural	9002*1.35+4012*0.54+5001*1.01+4112*0.27+6103*1.50
16052 (C)	Structural	9002*1.35+4012*0.54+5001*1.01+4112*0.27+6104*1.50
16053 (C)	Structural	9002*1.35+4012*0.54+5001*1.01+4112*0.27+6105*1.50
16054 (C)	Structural	9002*1.35+4012*0.54+5001*1.01+4112*0.27+6106*1.50
16055 (C)	Structural	9002*1.35+4012*0.54+5001*1.01+4112*0.27+6107*1.50
16056 (C)	Structural	9002*1.35+4012*0.54+5001*1.01+4112*0.27+6108*1.50
16057 (C)	Structural	9002*1.35+4012*0.54+5002*1.01+4112*0.27+6101*1.50
16058 (C)	Structural	9002*1.35+4012*0.54+5002*1.01+4112*0.27+6102*1.50
16059 (C)	Structural	9002*1.35+4012*0.54+5002*1.01+4112*0.27+6103*1.50
16060 (C)	Structural	9002*1.35+4012*0.54+5002*1.01+4112*0.27+6104*1.50
16061 (C)	Structural	9002*1.35+4012*0.54+5002*1.01+4112*0.27+6105*1.50
16062 (C)	Structural	9002*1.35+4012*0.54+5002*1.01+4112*0.27+6106*1.50
16063 (C)	Structural	9002*1.35+4012*0.54+5002*1.01+4112*0.27+6107*1.50
16064 (C)	Structural	9002*1.35+4012*0.54+5002*1.01+4112*0.27+6108*1.50
16065 (C)	Structural	9002*1.35+4012*0.54+5003*1.01+4112*0.27+6101*1.50
16066 (C)	Structural	9002*1.35+4012*0.54+5003*1.01+4112*0.27+6102*1.50
16067 (C)	Structural	9002*1.35+4012*0.54+5003*1.01+4112*0.27+6103*1.50
16068 (C)	Structural	9002*1.35+4012*0.54+5003*1.01+4112*0.27+6104*1.50
16069 (C)	Structural	9002*1.35+4012*0.54+5003*1.01+4112*0.27+6105*1.50
16070 (C)	Structural	9002*1.35+4012*0.54+5003*1.01+4112*0.27+6106*1.50
16071 (C)	Structural	9002*1.35+4012*0.54+5003*1.01+4112*0.27+6107*1.50
16072 (C)	Structural	9002*1.35+4012*0.54+5003*1.01+4112*0.27+6108*1.50
16073 (C)	Structural	9002*1.35+4012*0.54+5004*1.01+4112*0.27+6101*1.50
16074 (C)	Structural	9002*1.35+4012*0.54+5004*1.01+4112*0.27+6102*1.50
16075 (C)	Structural	9002*1.35+4012*0.54+5004*1.01+4112*0.27+6103*1.50
16076 (C)	Structural	9002*1.35+4012*0.54+5004*1.01+4112*0.27+6104*1.50
16077 (C)	Structural	9002*1.35+4012*0.54+5004*1.01+4112*0.27+6105*1.50
16078 (C)	Structural	9002*1.35+4012*0.54+5004*1.01+4112*0.27+6106*1.50
16079 (C)	Structural	9002*1.35+4012*0.54+5004*1.01+4112*0.27+6107*1.50
16080 (C)	Structural	9002*1.35+4012*0.54+5004*1.01+4112*0.27+6108*1.50
16081 (C)	Structural	9002*1.35+4012*0.54+5005*1.01+4112*0.27+6101*1.50
16082 (C)	Structural	9002*1.35+4012*0.54+5005*1.01+4112*0.27+6102*1.50
16083 (C)	Structural	9002*1.35+4012*0.54+5005*1.01+4112*0.27+6103*1.50
16084 (C)	Structural	9002*1.35+4012*0.54+5005*1.01+4112*0.27+6104*1.50
16085 (C)	Structural	9002*1.35+4012*0.54+5005*1.01+4112*0.27+6105*1.50
16086 (C)	Structural	9002*1.35+4012*0.54+5005*1.01+4112*0.27+6106*1.50
16087 (C)	Structural	9002*1.35+4012*0.54+5005*1.01+4112*0.27+6107*1.50
16088 (C)	Structural	9002*1.35+4012*0.54+5005*1.01+4112*0.27+6108*1.50
16089 (C)	Structural	9002*1.35+4012*0.54+5006*1.01+4112*0.27+6101*1.50
16090 (C)	Structural	9002*1.35+4012*0.54+5006*1.01+4112*0.27+6102*1.50
16091 (C)	Structural	9002*1.35+4012*0.54+5006*1.01+4112*0.27+6103*1.50

Combinations	Case nature	Definition
16092 (C)	Structural	9002*1.35+4012*0.54+5006*1.01+4112*0.27+6104*1.50
16093 (C)	Structural	9002*1.35+4012*0.54+5006*1.01+4112*0.27+6105*1.50
16094 (C)	Structural	9002*1.35+4012*0.54+5006*1.01+4112*0.27+6106*1.50
16095 (C)	Structural	9002*1.35+4012*0.54+5006*1.01+4112*0.27+6107*1.50
16096 (C)	Structural	9002*1.35+4012*0.54+5006*1.01+4112*0.27+6108*1.50
16097 (C)	Structural	9002*1.35+4012*0.54+5007*1.01+4112*0.27+6101*1.50
16098 (C)	Structural	9002*1.35+4012*0.54+5007*1.01+4112*0.27+6102*1.50
16099 (C)	Structural	9002*1.35+4012*0.54+5007*1.01+4112*0.27+6103*1.50
16100 (C)	Structural	9002*1.35+4012*0.54+5007*1.01+4112*0.27+6104*1.50
16101 (C)	Structural	9002*1.35+4012*0.54+5007*1.01+4112*0.27+6105*1.50
16102 (C)	Structural	9002*1.35+4012*0.54+5007*1.01+4112*0.27+6106*1.50
16103 (C)	Structural	9002*1.35+4012*0.54+5007*1.01+4112*0.27+6107*1.50
16104 (C)	Structural	9002*1.35+4012*0.54+5007*1.01+4112*0.27+6108*1.50
16105 (C)	Structural	9002*1.35+4013*0.54+5001*1.01+4113*0.27+6101*1.50
16106 (C)	Structural	9002*1.35+4013*0.54+5001*1.01+4113*0.27+6102*1.50
16107 (C)	Structural	9002*1.35+4013*0.54+5001*1.01+4113*0.27+6103*1.50
16108 (C)	Structural	9002*1.35+4013*0.54+5001*1.01+4113*0.27+6104*1.50
16109 (C)	Structural	9002*1.35+4013*0.54+5001*1.01+4113*0.27+6105*1.50
16110 (C)	Structural	9002*1.35+4013*0.54+5001*1.01+4113*0.27+6106*1.50
16111 (C)	Structural	9002*1.35+4013*0.54+5001*1.01+4113*0.27+6107*1.50
16112 (C)	Structural	9002*1.35+4013*0.54+5001*1.01+4113*0.27+6108*1.50
16113 (C)	Structural	9002*1.35+4013*0.54+5002*1.01+4113*0.27+6101*1.50
16114 (C)	Structural	9002*1.35+4013*0.54+5002*1.01+4113*0.27+6102*1.50
16115 (C)	Structural	9002*1.35+4013*0.54+5002*1.01+4113*0.27+6103*1.50
16116 (C)	Structural	9002*1.35+4013*0.54+5002*1.01+4113*0.27+6104*1.50
16117 (C)	Structural	9002*1.35+4013*0.54+5002*1.01+4113*0.27+6105*1.50
16118 (C)	Structural	9002*1.35+4013*0.54+5002*1.01+4113*0.27+6106*1.50
16119 (C)	Structural	9002*1.35+4013*0.54+5002*1.01+4113*0.27+6107*1.50
16120 (C)	Structural	9002*1.35+4013*0.54+5002*1.01+4113*0.27+6108*1.50
16121 (C)	Structural	9002*1.35+4013*0.54+5003*1.01+4113*0.27+6101*1.50
16122 (C)	Structural	9002*1.35+4013*0.54+5003*1.01+4113*0.27+6102*1.50
16123 (C)	Structural	9002*1.35+4013*0.54+5003*1.01+4113*0.27+6103*1.50
16124 (C)	Structural	9002*1.35+4013*0.54+5003*1.01+4113*0.27+6104*1.50
16125 (C)	Structural	9002*1.35+4013*0.54+5003*1.01+4113*0.27+6105*1.50
16126 (C)	Structural	9002*1.35+4013*0.54+5003*1.01+4113*0.27+6106*1.50
16127 (C)	Structural	9002*1.35+4013*0.54+5003*1.01+4113*0.27+6107*1.50
16128 (C)	Structural	9002*1.35+4013*0.54+5003*1.01+4113*0.27+6108*1.50
16129 (C)	Structural	9002*1.35+4013*0.54+5004*1.01+4113*0.27+6101*1.50
16130 (C)	Structural	9002*1.35+4013*0.54+5004*1.01+4113*0.27+6102*1.50
16131 (C)	Structural	9002*1.35+4013*0.54+5004*1.01+4113*0.27+6103*1.50
16132 (C)	Structural	9002*1.35+4013*0.54+5004*1.01+4113*0.27+6104*1.50
16133 (C)	Structural	9002*1.35+4013*0.54+5004*1.01+4113*0.27+6105*1.50
16134 (C)	Structural	9002*1.35+4013*0.54+5004*1.01+4113*0.27+6106*1.50
16135 (C)	Structural	9002*1.35+4013*0.54+5004*1.01+4113*0.27+6107*1.50
16136 (C)	Structural	9002*1.35+4013*0.54+5004*1.01+4113*0.27+6108*1.50
16137 (C)	Structural	9002*1.35+4013*0.54+5005*1.01+4113*0.27+6101*1.50
16138 (C)	Structural	9002*1.35+4013*0.54+5005*1.01+4113*0.27+6102*1.50
16139 (C)	Structural	9002*1.35+4013*0.54+5005*1.01+4113*0.27+6103*1.50
16140 (C)	Structural	9002*1.35+4013*0.54+5005*1.01+4113*0.27+6104*1.50
16141 (C)	Structural	9002*1.35+4013*0.54+5005*1.01+4113*0.27+6105*1.50
16142 (C)	Structural	9002*1.35+4013*0.54+5005*1.01+4113*0.27+6106*1.50
16143 (C)	Structural	9002*1.35+4013*0.54+5005*1.01+4113*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
16144 (C)	Structural	9002*1.35+4013*0.54+5005*1.01+4113*0.27+6108*1.50
16145 (C)	Structural	9002*1.35+4013*0.54+5006*1.01+4113*0.27+6101*1.50
16146 (C)	Structural	9002*1.35+4013*0.54+5006*1.01+4113*0.27+6102*1.50
16147 (C)	Structural	9002*1.35+4013*0.54+5006*1.01+4113*0.27+6103*1.50
16148 (C)	Structural	9002*1.35+4013*0.54+5006*1.01+4113*0.27+6104*1.50
16149 (C)	Structural	9002*1.35+4013*0.54+5006*1.01+4113*0.27+6105*1.50
16150 (C)	Structural	9002*1.35+4013*0.54+5006*1.01+4113*0.27+6106*1.50
16151 (C)	Structural	9002*1.35+4013*0.54+5006*1.01+4113*0.27+6107*1.50
16152 (C)	Structural	9002*1.35+4013*0.54+5006*1.01+4113*0.27+6108*1.50
16153 (C)	Structural	9002*1.35+4013*0.54+5007*1.01+4113*0.27+6101*1.50
16154 (C)	Structural	9002*1.35+4013*0.54+5007*1.01+4113*0.27+6102*1.50
16155 (C)	Structural	9002*1.35+4013*0.54+5007*1.01+4113*0.27+6103*1.50
16156 (C)	Structural	9002*1.35+4013*0.54+5007*1.01+4113*0.27+6104*1.50
16157 (C)	Structural	9002*1.35+4013*0.54+5007*1.01+4113*0.27+6105*1.50
16158 (C)	Structural	9002*1.35+4013*0.54+5007*1.01+4113*0.27+6106*1.50
16159 (C)	Structural	9002*1.35+4013*0.54+5007*1.01+4113*0.27+6107*1.50
16160 (C)	Structural	9002*1.35+4013*0.54+5007*1.01+4113*0.27+6108*1.50
16161 (C)	Structural	9002*1.35+4014*0.54+5001*1.01+4114*0.27+6101*1.50
16162 (C)	Structural	9002*1.35+4014*0.54+5001*1.01+4114*0.27+6102*1.50
16163 (C)	Structural	9002*1.35+4014*0.54+5001*1.01+4114*0.27+6103*1.50
16164 (C)	Structural	9002*1.35+4014*0.54+5001*1.01+4114*0.27+6104*1.50
16165 (C)	Structural	9002*1.35+4014*0.54+5001*1.01+4114*0.27+6105*1.50
16166 (C)	Structural	9002*1.35+4014*0.54+5001*1.01+4114*0.27+6106*1.50
16167 (C)	Structural	9002*1.35+4014*0.54+5001*1.01+4114*0.27+6107*1.50
16168 (C)	Structural	9002*1.35+4014*0.54+5001*1.01+4114*0.27+6108*1.50
16169 (C)	Structural	9002*1.35+4014*0.54+5002*1.01+4114*0.27+6101*1.50
16170 (C)	Structural	9002*1.35+4014*0.54+5002*1.01+4114*0.27+6102*1.50
16171 (C)	Structural	9002*1.35+4014*0.54+5002*1.01+4114*0.27+6103*1.50
16172 (C)	Structural	9002*1.35+4014*0.54+5002*1.01+4114*0.27+6104*1.50
16173 (C)	Structural	9002*1.35+4014*0.54+5002*1.01+4114*0.27+6105*1.50
16174 (C)	Structural	9002*1.35+4014*0.54+5002*1.01+4114*0.27+6106*1.50
16175 (C)	Structural	9002*1.35+4014*0.54+5002*1.01+4114*0.27+6107*1.50
16176 (C)	Structural	9002*1.35+4014*0.54+5002*1.01+4114*0.27+6108*1.50
16177 (C)	Structural	9002*1.35+4014*0.54+5003*1.01+4114*0.27+6101*1.50
16178 (C)	Structural	9002*1.35+4014*0.54+5003*1.01+4114*0.27+6102*1.50
16179 (C)	Structural	9002*1.35+4014*0.54+5003*1.01+4114*0.27+6103*1.50
16180 (C)	Structural	9002*1.35+4014*0.54+5003*1.01+4114*0.27+6104*1.50
16181 (C)	Structural	9002*1.35+4014*0.54+5003*1.01+4114*0.27+6105*1.50
16182 (C)	Structural	9002*1.35+4014*0.54+5003*1.01+4114*0.27+6106*1.50
16183 (C)	Structural	9002*1.35+4014*0.54+5003*1.01+4114*0.27+6107*1.50
16184 (C)	Structural	9002*1.35+4014*0.54+5003*1.01+4114*0.27+6108*1.50
16185 (C)	Structural	9002*1.35+4014*0.54+5004*1.01+4114*0.27+6101*1.50
16186 (C)	Structural	9002*1.35+4014*0.54+5004*1.01+4114*0.27+6102*1.50
16187 (C)	Structural	9002*1.35+4014*0.54+5004*1.01+4114*0.27+6103*1.50
16188 (C)	Structural	9002*1.35+4014*0.54+5004*1.01+4114*0.27+6104*1.50
16189 (C)	Structural	9002*1.35+4014*0.54+5004*1.01+4114*0.27+6105*1.50
16190 (C)	Structural	9002*1.35+4014*0.54+5004*1.01+4114*0.27+6106*1.50
16191 (C)	Structural	9002*1.35+4014*0.54+5004*1.01+4114*0.27+6107*1.50
16192 (C)	Structural	9002*1.35+4014*0.54+5004*1.01+4114*0.27+6108*1.50
16193 (C)	Structural	9002*1.35+4014*0.54+5005*1.01+4114*0.27+6101*1.50
16194 (C)	Structural	9002*1.35+4014*0.54+5005*1.01+4114*0.27+6102*1.50
16195 (C)	Structural	9002*1.35+4014*0.54+5005*1.01+4114*0.27+6103*1.50

Combinations	Case nature	Definition
16196 (C)	Structural	9002*1.35+4014*0.54+5005*1.01+4114*0.27+6104*1.50
16197 (C)	Structural	9002*1.35+4014*0.54+5005*1.01+4114*0.27+6105*1.50
16198 (C)	Structural	9002*1.35+4014*0.54+5005*1.01+4114*0.27+6106*1.50
16199 (C)	Structural	9002*1.35+4014*0.54+5005*1.01+4114*0.27+6107*1.50
16200 (C)	Structural	9002*1.35+4014*0.54+5005*1.01+4114*0.27+6108*1.50
16201 (C)	Structural	9002*1.35+4014*0.54+5006*1.01+4114*0.27+6101*1.50
16202 (C)	Structural	9002*1.35+4014*0.54+5006*1.01+4114*0.27+6102*1.50
16203 (C)	Structural	9002*1.35+4014*0.54+5006*1.01+4114*0.27+6103*1.50
16204 (C)	Structural	9002*1.35+4014*0.54+5006*1.01+4114*0.27+6104*1.50
16205 (C)	Structural	9002*1.35+4014*0.54+5006*1.01+4114*0.27+6105*1.50
16206 (C)	Structural	9002*1.35+4014*0.54+5006*1.01+4114*0.27+6106*1.50
16207 (C)	Structural	9002*1.35+4014*0.54+5006*1.01+4114*0.27+6107*1.50
16208 (C)	Structural	9002*1.35+4014*0.54+5006*1.01+4114*0.27+6108*1.50
16209 (C)	Structural	9002*1.35+4014*0.54+5007*1.01+4114*0.27+6101*1.50
16210 (C)	Structural	9002*1.35+4014*0.54+5007*1.01+4114*0.27+6102*1.50
16211 (C)	Structural	9002*1.35+4014*0.54+5007*1.01+4114*0.27+6103*1.50
16212 (C)	Structural	9002*1.35+4014*0.54+5007*1.01+4114*0.27+6104*1.50
16213 (C)	Structural	9002*1.35+4014*0.54+5007*1.01+4114*0.27+6105*1.50
16214 (C)	Structural	9002*1.35+4014*0.54+5007*1.01+4114*0.27+6106*1.50
16215 (C)	Structural	9002*1.35+4014*0.54+5007*1.01+4114*0.27+6107*1.50
16216 (C)	Structural	9002*1.35+4014*0.54+5007*1.01+4114*0.27+6108*1.50
16217 (C)	Structural	9002*1.35+4015*0.54+5001*1.01+4115*0.27+6101*1.50
16218 (C)	Structural	9002*1.35+4015*0.54+5001*1.01+4115*0.27+6102*1.50
16219 (C)	Structural	9002*1.35+4015*0.54+5001*1.01+4115*0.27+6103*1.50
16220 (C)	Structural	9002*1.35+4015*0.54+5001*1.01+4115*0.27+6104*1.50
16221 (C)	Structural	9002*1.35+4015*0.54+5001*1.01+4115*0.27+6105*1.50
16222 (C)	Structural	9002*1.35+4015*0.54+5001*1.01+4115*0.27+6106*1.50
16223 (C)	Structural	9002*1.35+4015*0.54+5001*1.01+4115*0.27+6107*1.50
16224 (C)	Structural	9002*1.35+4015*0.54+5001*1.01+4115*0.27+6108*1.50
16225 (C)	Structural	9002*1.35+4015*0.54+5002*1.01+4115*0.27+6101*1.50
16226 (C)	Structural	9002*1.35+4015*0.54+5002*1.01+4115*0.27+6102*1.50
16227 (C)	Structural	9002*1.35+4015*0.54+5002*1.01+4115*0.27+6103*1.50
16228 (C)	Structural	9002*1.35+4015*0.54+5002*1.01+4115*0.27+6104*1.50
16229 (C)	Structural	9002*1.35+4015*0.54+5002*1.01+4115*0.27+6105*1.50
16230 (C)	Structural	9002*1.35+4015*0.54+5002*1.01+4115*0.27+6106*1.50
16231 (C)	Structural	9002*1.35+4015*0.54+5002*1.01+4115*0.27+6107*1.50
16232 (C)	Structural	9002*1.35+4015*0.54+5002*1.01+4115*0.27+6108*1.50
16233 (C)	Structural	9002*1.35+4015*0.54+5003*1.01+4115*0.27+6101*1.50
16234 (C)	Structural	9002*1.35+4015*0.54+5003*1.01+4115*0.27+6102*1.50
16235 (C)	Structural	9002*1.35+4015*0.54+5003*1.01+4115*0.27+6103*1.50
16236 (C)	Structural	9002*1.35+4015*0.54+5003*1.01+4115*0.27+6104*1.50
16237 (C)	Structural	9002*1.35+4015*0.54+5003*1.01+4115*0.27+6105*1.50
16238 (C)	Structural	9002*1.35+4015*0.54+5003*1.01+4115*0.27+6106*1.50
16239 (C)	Structural	9002*1.35+4015*0.54+5003*1.01+4115*0.27+6107*1.50
16240 (C)	Structural	9002*1.35+4015*0.54+5003*1.01+4115*0.27+6108*1.50
16241 (C)	Structural	9002*1.35+4015*0.54+5004*1.01+4115*0.27+6101*1.50
16242 (C)	Structural	9002*1.35+4015*0.54+5004*1.01+4115*0.27+6102*1.50
16243 (C)	Structural	9002*1.35+4015*0.54+5004*1.01+4115*0.27+6103*1.50
16244 (C)	Structural	9002*1.35+4015*0.54+5004*1.01+4115*0.27+6104*1.50
16245 (C)	Structural	9002*1.35+4015*0.54+5004*1.01+4115*0.27+6105*1.50
16246 (C)	Structural	9002*1.35+4015*0.54+5004*1.01+4115*0.27+6106*1.50
16247 (C)	Structural	9002*1.35+4015*0.54+5004*1.01+4115*0.27+6107*1.50

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
16248 (C)	Structural	9002*1.35+4015*0.54+5004*1.01+4115*0.27+6108*1.50
16249 (C)	Structural	9002*1.35+4015*0.54+5005*1.01+4115*0.27+6101*1.50
16250 (C)	Structural	9002*1.35+4015*0.54+5005*1.01+4115*0.27+6102*1.50
16251 (C)	Structural	9002*1.35+4015*0.54+5005*1.01+4115*0.27+6103*1.50
16252 (C)	Structural	9002*1.35+4015*0.54+5005*1.01+4115*0.27+6104*1.50
16253 (C)	Structural	9002*1.35+4015*0.54+5005*1.01+4115*0.27+6105*1.50
16254 (C)	Structural	9002*1.35+4015*0.54+5005*1.01+4115*0.27+6106*1.50
16255 (C)	Structural	9002*1.35+4015*0.54+5005*1.01+4115*0.27+6107*1.50
16256 (C)	Structural	9002*1.35+4015*0.54+5005*1.01+4115*0.27+6108*1.50
16257 (C)	Structural	9002*1.35+4015*0.54+5006*1.01+4115*0.27+6101*1.50
16258 (C)	Structural	9002*1.35+4015*0.54+5006*1.01+4115*0.27+6102*1.50
16259 (C)	Structural	9002*1.35+4015*0.54+5006*1.01+4115*0.27+6103*1.50
16260 (C)	Structural	9002*1.35+4015*0.54+5006*1.01+4115*0.27+6104*1.50
16261 (C)	Structural	9002*1.35+4015*0.54+5006*1.01+4115*0.27+6105*1.50
16262 (C)	Structural	9002*1.35+4015*0.54+5006*1.01+4115*0.27+6106*1.50
16263 (C)	Structural	9002*1.35+4015*0.54+5006*1.01+4115*0.27+6107*1.50
16264 (C)	Structural	9002*1.35+4015*0.54+5006*1.01+4115*0.27+6108*1.50
16265 (C)	Structural	9002*1.35+4015*0.54+5007*1.01+4115*0.27+6101*1.50
16266 (C)	Structural	9002*1.35+4015*0.54+5007*1.01+4115*0.27+6102*1.50
16267 (C)	Structural	9002*1.35+4015*0.54+5007*1.01+4115*0.27+6103*1.50
16268 (C)	Structural	9002*1.35+4015*0.54+5007*1.01+4115*0.27+6104*1.50
16269 (C)	Structural	9002*1.35+4015*0.54+5007*1.01+4115*0.27+6105*1.50
16270 (C)	Structural	9002*1.35+4015*0.54+5007*1.01+4115*0.27+6106*1.50
16271 (C)	Structural	9002*1.35+4015*0.54+5007*1.01+4115*0.27+6107*1.50
16272 (C)	Structural	9002*1.35+4015*0.54+5007*1.01+4115*0.27+6108*1.50
16273 (C)	Structural	9001*1.00+7011*1.50
16274 (C)	Structural	9001*1.00+7012*1.50
16275 (C)	Structural	9001*1.00+7013*1.50
16276 (C)	Structural	9001*1.00+7014*1.50
16277 (C)	Structural	9002*1.35+7011*1.50
16278 (C)	Structural	9002*1.35+7012*1.50
16279 (C)	Structural	9002*1.35+7013*1.50
16280 (C)	Structural	9002*1.35+7014*1.50
20001 (C)	Structural	(9001+4000+5001)*1.00+4100*0.50+7001*0.60
20002 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+7002*0.60
20003 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+7003*0.60
20004 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+7004*0.60
20005 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+7001*0.60
20006 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+7002*0.60
20007 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+7003*0.60
20008 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+7004*0.60
20009 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+7001*0.60
20010 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+7002*0.60
20011 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+7003*0.60
20012 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+7004*0.60
20013 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+7001*0.60
20014 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+7002*0.60
20015 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+7003*0.60
20016 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+7004*0.60
20017 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+7001*0.60
20018 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+7002*0.60
20019 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+7003*0.60

Combinations	Case nature	Definition
20020 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+7004*0.60
20021 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+7001*0.60
20022 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+7002*0.60
20023 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+7003*0.60
20024 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+7004*0.60
20025 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+7001*0.60
20026 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+7002*0.60
20027 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+7003*0.60
20028 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+7004*0.60
20029 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+7001*0.60
20030 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+7002*0.60
20031 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+7003*0.60
20032 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+7004*0.60
20033 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+7001*0.60
20034 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+7002*0.60
20035 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+7003*0.60
20036 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+7004*0.60
20037 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+7001*0.60
20038 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+7002*0.60
20039 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+7003*0.60
20040 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+7004*0.60
20041 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+7001*0.60
20042 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+7002*0.60
20043 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+7003*0.60
20044 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+7004*0.60
20045 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+7001*0.60
20046 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+7002*0.60
20047 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+7003*0.60
20048 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+7004*0.60
20049 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+7001*0.60
20050 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+7002*0.60
20051 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+7003*0.60
20052 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+7004*0.60
20053 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+7001*0.60
20054 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+7002*0.60
20055 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+7003*0.60
20056 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+7004*0.60
20057 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+7001*0.60
20058 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+7002*0.60
20059 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+7003*0.60
20060 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+7004*0.60
20061 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+7001*0.60
20062 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+7002*0.60
20063 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+7003*0.60
20064 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+7004*0.60
20065 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+7001*0.60
20066 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+7002*0.60
20067 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+7003*0.60
20068 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+7004*0.60
20069 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+7001*0.60
20070 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+7002*0.60
20071 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+7003*0.60

Combinations	Case nature	Definition
20072 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+7004*0.60
20073 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+7001*0.60
20074 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+7002*0.60
20075 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+7003*0.60
20076 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+7004*0.60
20077 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+7001*0.60
20078 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+7002*0.60
20079 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+7003*0.60
20080 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+7004*0.60
20081 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+7001*0.60
20082 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+7002*0.60
20083 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+7003*0.60
20084 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+7004*0.60
20085 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+7001*0.60
20086 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+7002*0.60
20087 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+7003*0.60
20088 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+7004*0.60
20089 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+7001*0.60
20090 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+7002*0.60
20091 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+7003*0.60
20092 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+7004*0.60
20093 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+7001*0.60
20094 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+7002*0.60
20095 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+7003*0.60
20096 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+7004*0.60
20097 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+7001*0.60
20098 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+7002*0.60
20099 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+7003*0.60
20100 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+7004*0.60
20101 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+7001*0.60
20102 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+7002*0.60
20103 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+7003*0.60
20104 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+7004*0.60
20105 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+7001*0.60
20106 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+7002*0.60
20107 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+7003*0.60
20108 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+7004*0.60
20109 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+7001*0.60
20110 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+7002*0.60
20111 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+7003*0.60
20112 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+7004*0.60
20113 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+7001*0.60
20114 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+7002*0.60
20115 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+7003*0.60
20116 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+7004*0.60
20117 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+7001*0.60
20118 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+7002*0.60
20119 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+7003*0.60
20120 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+7004*0.60
20121 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+7001*0.60
20122 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+7002*0.60
20123 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+7003*0.60

Combinations	Case nature	Definition
20124 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+7004*0.60
20125 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+7001*0.60
20126 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+7002*0.60
20127 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+7003*0.60
20128 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+7004*0.60
20129 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+7001*0.60
20130 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+7002*0.60
20131 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+7003*0.60
20132 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+7004*0.60
20133 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+7001*0.60
20134 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+7002*0.60
20135 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+7003*0.60
20136 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+7004*0.60
20137 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+7001*0.60
20138 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+7002*0.60
20139 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+7003*0.60
20140 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+7004*0.60
20141 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+7001*0.60
20142 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+7002*0.60
20143 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+7003*0.60
20144 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+7004*0.60
20145 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+7001*0.60
20146 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+7002*0.60
20147 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+7003*0.60
20148 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+7004*0.60
20149 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+7001*0.60
20150 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+7002*0.60
20151 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+7003*0.60
20152 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+7004*0.60
20153 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+7001*0.60
20154 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+7002*0.60
20155 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+7003*0.60
20156 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+7004*0.60
20157 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+7001*0.60
20158 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+7002*0.60
20159 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+7003*0.60
20160 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+7004*0.60
20161 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+7001*0.60
20162 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+7002*0.60
20163 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+7003*0.60
20164 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+7004*0.60
20165 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+7001*0.60
20166 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+7002*0.60
20167 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+7003*0.60
20168 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+7004*0.60
20169 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+7001*0.60
20170 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+7002*0.60
20171 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+7003*0.60
20172 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+7004*0.60
20173 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+7001*0.60
20174 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+7002*0.60
20175 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+7003*0.60

Combinations	Case nature	Definition
20176 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+7004*0.60
20177 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+7001*0.60
20178 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+7002*0.60
20179 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+7003*0.60
20180 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+7004*0.60
20181 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+7001*0.60
20182 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+7002*0.60
20183 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+7003*0.60
20184 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+7004*0.60
20185 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+7001*0.60
20186 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+7002*0.60
20187 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+7003*0.60
20188 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+7004*0.60
20189 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+7001*0.60
20190 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+7002*0.60
20191 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+7003*0.60
20192 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+7004*0.60
20193 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+7001*0.60
20194 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+7002*0.60
20195 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+7003*0.60
20196 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+7004*0.60
20197 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+7001*0.60
20198 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+7002*0.60
20199 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+7003*0.60
20200 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+7004*0.60
20201 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+7001*0.60
20202 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+7002*0.60
20203 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+7003*0.60
20204 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+7004*0.60
20205 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+7001*0.60
20206 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+7002*0.60
20207 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+7003*0.60
20208 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+7004*0.60
20209 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+7001*0.60
20210 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+7002*0.60
20211 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+7003*0.60
20212 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+7004*0.60
20213 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+7001*0.60
20214 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+7002*0.60
20215 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+7003*0.60
20216 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+7004*0.60
20217 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+7001*0.60
20218 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+7002*0.60
20219 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+7003*0.60
20220 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+7004*0.60
20221 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+7001*0.60
20222 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+7002*0.60
20223 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+7003*0.60
20224 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+7004*0.60
20225 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+7001*0.60
20226 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+7002*0.60
20227 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+7003*0.60

Combinations	Case nature	Definition
20228 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+7004*0.60
20229 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+7001*0.60
20230 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+7002*0.60
20231 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+7003*0.60
20232 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+7004*0.60
20233 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+7001*0.60
20234 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+7002*0.60
20235 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+7003*0.60
20236 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+7004*0.60
20237 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+7001*0.60
20238 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+7002*0.60
20239 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+7003*0.60
20240 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+7004*0.60
20241 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+7001*0.60
20242 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+7002*0.60
20243 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+7003*0.60
20244 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+7004*0.60
20245 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+7001*0.60
20246 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+7002*0.60
20247 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+7003*0.60
20248 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+7004*0.60
20249 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+7001*0.60
20250 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+7002*0.60
20251 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+7003*0.60
20252 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+7004*0.60
20253 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+7001*0.60
20254 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+7002*0.60
20255 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+7003*0.60
20256 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+7004*0.60
20257 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+7001*0.60
20258 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+7002*0.60
20259 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+7003*0.60
20260 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+7004*0.60
20261 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+7001*0.60
20262 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+7002*0.60
20263 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+7003*0.60
20264 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+7004*0.60
20265 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+7001*0.60
20266 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+7002*0.60
20267 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+7003*0.60
20268 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+7004*0.60
20269 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+7001*0.60
20270 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+7002*0.60
20271 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+7003*0.60
20272 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+7004*0.60
20273 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+7001*0.60
20274 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+7002*0.60
20275 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+7003*0.60
20276 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+7004*0.60
20277 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+7001*0.60
20278 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+7002*0.60
20279 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+7003*0.60

Combinations	Case nature	Definition
20280 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+7004*0.60
20281 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+7001*0.60
20282 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+7002*0.60
20283 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+7003*0.60
20284 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+7004*0.60
20285 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+7001*0.60
20286 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+7002*0.60
20287 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+7003*0.60
20288 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+7004*0.60
20289 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+7001*0.60
20290 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+7002*0.60
20291 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+7003*0.60
20292 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+7004*0.60
20293 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+7001*0.60
20294 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+7002*0.60
20295 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+7003*0.60
20296 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+7004*0.60
20297 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+7001*0.60
20298 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+7002*0.60
20299 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+7003*0.60
20300 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+7004*0.60
20301 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+7001*0.60
20302 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+7002*0.60
20303 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+7003*0.60
20304 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+7004*0.60
20305 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+7001*0.60
20306 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+7002*0.60
20307 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+7003*0.60
20308 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+7004*0.60
20309 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+7001*0.60
20310 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+7002*0.60
20311 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+7003*0.60
20312 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+7004*0.60
20313 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+7001*0.60
20314 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+7002*0.60
20315 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+7003*0.60
20316 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+7004*0.60
20317 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+7001*0.60
20318 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+7002*0.60
20319 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+7003*0.60
20320 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+7004*0.60
20321 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+7001*0.60
20322 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+7002*0.60
20323 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+7003*0.60
20324 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+7004*0.60
20325 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+7001*0.60
20326 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+7002*0.60
20327 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+7003*0.60
20328 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+7004*0.60
20329 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+7001*0.60
20330 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+7002*0.60
20331 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+7003*0.60

Combinations	Case nature	Definition
20332 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+7004*0.60
20333 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+7001*0.60
20334 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+7002*0.60
20335 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+7003*0.60
20336 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+7004*0.60
20337 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+7001*0.60
20338 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+7002*0.60
20339 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+7003*0.60
20340 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+7004*0.60
20341 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+7001*0.60
20342 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+7002*0.60
20343 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+7003*0.60
20344 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+7004*0.60
20345 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+7001*0.60
20346 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+7002*0.60
20347 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+7003*0.60
20348 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+7004*0.60
20349 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+7001*0.60
20350 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+7002*0.60
20351 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+7003*0.60
20352 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+7004*0.60
20353 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+7001*0.60
20354 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+7002*0.60
20355 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+7003*0.60
20356 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+7004*0.60
20357 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+7001*0.60
20358 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+7002*0.60
20359 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+7003*0.60
20360 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+7004*0.60
20361 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+7001*0.60
20362 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+7002*0.60
20363 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+7003*0.60
20364 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+7004*0.60
20365 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+7001*0.60
20366 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+7002*0.60
20367 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+7003*0.60
20368 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+7004*0.60
20369 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+7001*0.60
20370 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+7002*0.60
20371 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+7003*0.60
20372 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+7004*0.60
20373 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+7001*0.60
20374 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+7002*0.60
20375 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+7003*0.60
20376 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+7004*0.60
20377 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+7001*0.60
20378 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+7002*0.60
20379 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+7003*0.60
20380 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+7004*0.60
20381 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+7001*0.60
20382 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+7002*0.60
20383 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+7003*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
20384 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+7004*0.60
20385 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+7001*0.60
20386 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+7002*0.60
20387 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+7003*0.60
20388 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+7004*0.60
20389 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+7001*0.60
20390 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+7002*0.60
20391 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+7003*0.60
20392 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+7004*0.60
20393 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+7001*0.60
20394 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+7002*0.60
20395 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+7003*0.60
20396 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+7004*0.60
20397 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+7001*0.60
20398 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+7002*0.60
20399 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+7003*0.60
20400 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+7004*0.60
20401 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+7001*0.60
20402 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+7002*0.60
20403 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+7003*0.60
20404 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+7004*0.60
20405 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+7001*0.60
20406 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+7002*0.60
20407 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+7003*0.60
20408 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+7004*0.60
20409 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+7001*0.60
20410 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+7002*0.60
20411 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+7003*0.60
20412 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+7004*0.60
20413 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+7001*0.60
20414 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+7002*0.60
20415 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+7003*0.60
20416 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+7004*0.60
20417 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+7001*0.60
20418 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+7002*0.60
20419 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+7003*0.60
20420 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+7004*0.60
20421 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+7001*0.60
20422 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+7002*0.60
20423 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+7003*0.60
20424 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+7004*0.60
20425 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+7001*0.60
20426 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+7002*0.60
20427 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+7003*0.60
20428 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+7004*0.60
20429 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+7001*0.60
20430 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+7002*0.60
20431 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+7003*0.60
20432 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+7004*0.60
20433 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+7001*0.60
20434 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+7002*0.60
20435 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+7003*0.60

Combinations	Case nature	Definition
20436 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+7004*0.60
20437 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+7001*0.60
20438 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+7002*0.60
20439 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+7003*0.60
20440 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+7004*0.60
20441 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+7001*0.60
20442 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+7002*0.60
20443 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+7003*0.60
20444 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+7004*0.60
20445 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+7001*0.60
20446 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+7002*0.60
20447 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+7003*0.60
20448 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+7004*0.60
20449 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+7001*0.60
20450 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+7002*0.60
20451 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+7003*0.60
20452 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+7004*0.60
20453 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+7001*0.60
20454 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+7002*0.60
20455 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+7003*0.60
20456 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+7004*0.60
20457 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+7001*0.60
20458 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+7002*0.60
20459 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+7003*0.60
20460 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+7004*0.60
20461 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+7001*0.60
20462 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+7002*0.60
20463 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+7003*0.60
20464 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+7004*0.60
20465 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+7001*0.60
20466 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+7002*0.60
20467 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+7003*0.60
20468 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+7004*0.60
20469 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+7001*0.60
20470 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+7002*0.60
20471 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+7003*0.60
20472 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+7004*0.60
20473 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+7001*0.60
20474 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+7002*0.60
20475 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+7003*0.60
20476 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+7004*0.60
20477 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+7001*0.60
20478 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+7002*0.60
20479 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+7003*0.60
20480 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+7004*0.60
20481 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+7001*0.60
20482 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+7002*0.60
20483 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+7003*0.60
20484 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+7004*0.60
20485 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+7001*0.60
20486 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+7002*0.60
20487 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+7003*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
20488 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+7004*0.60
20489 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+7001*0.60
20490 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+7002*0.60
20491 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+7003*0.60
20492 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+7004*0.60
20493 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+7001*0.60
20494 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+7002*0.60
20495 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+7003*0.60
20496 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+7004*0.60
20497 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+7001*0.60
20498 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+7002*0.60
20499 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+7003*0.60
20500 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+7004*0.60
20501 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+7001*0.60
20502 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+7002*0.60
20503 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+7003*0.60
20504 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+7004*0.60
20505 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+7001*0.60
20506 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+7002*0.60
20507 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+7003*0.60
20508 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+7004*0.60
20509 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+7001*0.60
20510 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+7002*0.60
20511 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+7003*0.60
20512 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+7004*0.60
20513 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+7001*0.60
20514 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+7002*0.60
20515 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+7003*0.60
20516 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+7004*0.60
20517 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+7001*0.60
20518 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+7002*0.60
20519 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+7003*0.60
20520 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+7004*0.60
20521 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+7001*0.60
20522 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+7002*0.60
20523 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+7003*0.60
20524 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+7004*0.60
20525 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+7001*0.60
20526 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+7002*0.60
20527 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+7003*0.60
20528 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+7004*0.60
20529 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+7001*0.60
20530 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+7002*0.60
20531 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+7003*0.60
20532 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+7004*0.60
20533 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+7001*0.60
20534 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+7002*0.60
20535 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+7003*0.60
20536 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+7004*0.60
20537 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+7001*0.60
20538 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+7002*0.60
20539 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+7003*0.60

Combinations	Case nature	Definition
20540 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+7004*0.60
20541 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+7001*0.60
20542 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+7002*0.60
20543 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+7003*0.60
20544 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+7004*0.60
20545 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+7001*0.60
20546 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+7002*0.60
20547 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+7003*0.60
20548 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+7004*0.60
20549 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+7001*0.60
20550 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+7002*0.60
20551 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+7003*0.60
20552 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+7004*0.60
20553 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+7001*0.60
20554 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+7002*0.60
20555 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+7003*0.60
20556 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+7004*0.60
20557 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+7001*0.60
20558 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+7002*0.60
20559 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+7003*0.60
20560 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+7004*0.60
20561 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+7001*0.60
20562 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+7002*0.60
20563 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+7003*0.60
20564 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+7004*0.60
20565 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+7001*0.60
20566 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+7002*0.60
20567 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+7003*0.60
20568 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+7004*0.60
20569 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+7001*0.60
20570 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+7002*0.60
20571 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+7003*0.60
20572 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+7004*0.60
20573 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+7001*0.60
20574 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+7002*0.60
20575 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+7003*0.60
20576 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+7004*0.60
20577 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+7001*0.60
20578 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+7002*0.60
20579 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+7003*0.60
20580 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+7004*0.60
20581 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+7001*0.60
20582 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+7002*0.60
20583 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+7003*0.60
20584 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+7004*0.60
20585 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+7001*0.60
20586 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+7002*0.60
20587 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+7003*0.60
20588 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+7004*0.60
20589 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+7001*0.60
20590 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+7002*0.60
20591 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+7003*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
20592 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+7004*0.60
20593 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+7001*0.60
20594 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+7002*0.60
20595 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+7003*0.60
20596 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+7004*0.60
20597 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+7001*0.60
20598 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+7002*0.60
20599 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+7003*0.60
20600 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+7004*0.60
20601 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+7001*0.60
20602 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+7002*0.60
20603 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+7003*0.60
20604 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+7004*0.60
20605 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+7001*0.60
20606 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+7002*0.60
20607 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+7003*0.60
20608 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+7004*0.60
20609 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+7001*0.60
20610 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+7002*0.60
20611 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+7003*0.60
20612 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+7004*0.60
20613 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+7001*0.60
20614 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+7002*0.60
20615 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+7003*0.60
20616 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+7004*0.60
20617 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+7001*0.60
20618 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+7002*0.60
20619 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+7003*0.60
20620 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+7004*0.60
20621 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+7001*0.60
20622 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+7002*0.60
20623 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+7003*0.60
20624 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+7004*0.60
20625 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+7001*0.60
20626 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+7002*0.60
20627 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+7003*0.60
20628 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+7004*0.60
20629 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+7001*0.60
20630 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+7002*0.60
20631 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+7003*0.60
20632 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+7004*0.60
20633 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+7001*0.60
20634 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+7002*0.60
20635 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+7003*0.60
20636 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+7004*0.60
20637 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+7001*0.60
20638 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+7002*0.60
20639 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+7003*0.60
20640 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+7004*0.60
20641 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+7001*0.60
20642 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+7002*0.60
20643 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+7003*0.60

Combinations	Case nature	Definition
20644 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+7004*0.60
20645 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+7001*0.60
20646 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+7002*0.60
20647 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+7003*0.60
20648 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+7004*0.60
20649 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+7001*0.60
20650 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+7002*0.60
20651 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+7003*0.60
20652 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+7004*0.60
20653 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+7001*0.60
20654 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+7002*0.60
20655 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+7003*0.60
20656 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+7004*0.60
20657 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+7001*0.60
20658 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+7002*0.60
20659 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+7003*0.60
20660 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+7004*0.60
20661 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+7001*0.60
20662 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+7002*0.60
20663 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+7003*0.60
20664 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+7004*0.60
20665 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+7001*0.60
20666 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+7002*0.60
20667 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+7003*0.60
20668 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+7004*0.60
20669 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+7001*0.60
20670 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+7002*0.60
20671 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+7003*0.60
20672 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+7004*0.60
20673 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+7001*0.60
20674 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+7002*0.60
20675 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+7003*0.60
20676 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+7004*0.60
20677 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+7001*0.60
20678 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+7002*0.60
20679 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+7003*0.60
20680 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+7004*0.60
20681 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+7001*0.60
20682 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+7002*0.60
20683 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+7003*0.60
20684 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+7004*0.60
20685 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+7001*0.60
20686 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+7002*0.60
20687 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+7003*0.60
20688 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+7004*0.60
20689 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+7001*0.60
20690 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+7002*0.60
20691 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+7003*0.60
20692 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+7004*0.60
20693 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+7001*0.60
20694 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+7002*0.60
20695 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+7003*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
20696 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+7004*0.60
20697 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+7001*0.60
20698 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+7002*0.60
20699 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+7003*0.60
20700 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+7004*0.60
20701 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+7001*0.60
20702 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+7002*0.60
20703 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+7003*0.60
20704 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+7004*0.60
20705 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+7001*0.60
20706 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+7002*0.60
20707 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+7003*0.60
20708 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+7004*0.60
20709 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+7001*0.60
20710 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+7002*0.60
20711 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+7003*0.60
20712 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+7004*0.60
20713 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+7001*0.60
20714 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+7002*0.60
20715 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+7003*0.60
20716 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+7004*0.60
20717 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+7001*0.60
20718 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+7002*0.60
20719 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+7003*0.60
20720 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+7004*0.60
20721 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+7001*0.60
20722 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+7002*0.60
20723 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+7003*0.60
20724 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+7004*0.60
20725 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+7001*0.60
20726 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+7002*0.60
20727 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+7003*0.60
20728 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+7004*0.60
20729 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+7001*0.60
20730 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+7002*0.60
20731 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+7003*0.60
20732 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+7004*0.60
20733 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+7001*0.60
20734 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+7002*0.60
20735 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+7003*0.60
20736 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+7004*0.60
20737 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+7001*0.60
20738 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+7002*0.60
20739 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+7003*0.60
20740 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+7004*0.60
20741 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+7001*0.60
20742 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+7002*0.60
20743 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+7003*0.60
20744 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+7004*0.60
20745 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+7001*0.60
20746 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+7002*0.60
20747 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+7003*0.60

Combinations	Case nature	Definition
20748 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+7004*0.60
20749 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+7001*0.60
20750 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+7002*0.60
20751 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+7003*0.60
20752 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+7004*0.60
20753 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+7001*0.60
20754 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+7002*0.60
20755 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+7003*0.60
20756 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+7004*0.60
20757 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+7001*0.60
20758 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+7002*0.60
20759 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+7003*0.60
20760 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+7004*0.60
20761 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+7001*0.60
20762 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+7002*0.60
20763 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+7003*0.60
20764 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+7004*0.60
20765 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+7001*0.60
20766 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+7002*0.60
20767 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+7003*0.60
20768 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+7004*0.60
20769 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+7001*0.60
20770 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+7002*0.60
20771 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+7003*0.60
20772 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+7004*0.60
20773 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+7001*0.60
20774 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+7002*0.60
20775 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+7003*0.60
20776 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+7004*0.60
20777 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+7001*0.60
20778 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+7002*0.60
20779 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+7003*0.60
20780 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+7004*0.60
20781 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+7001*0.60
20782 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+7002*0.60
20783 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+7003*0.60
20784 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+7004*0.60
20785 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+7001*0.60
20786 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+7002*0.60
20787 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+7003*0.60
20788 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+7004*0.60
20789 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+7001*0.60
20790 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+7002*0.60
20791 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+7003*0.60
20792 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+7004*0.60
20793 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+7001*0.60
20794 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+7002*0.60
20795 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+7003*0.60
20796 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+7004*0.60
20797 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+7001*0.60
20798 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+7002*0.60
20799 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+7003*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
20800 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+7004*0.60
20801 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+7001*0.60
20802 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+7002*0.60
20803 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+7003*0.60
20804 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+7004*0.60
20805 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+7001*0.60
20806 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+7002*0.60
20807 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+7003*0.60
20808 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+7004*0.60
20809 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+7001*0.60
20810 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+7002*0.60
20811 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+7003*0.60
20812 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+7004*0.60
20813 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+7001*0.60
20814 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+7002*0.60
20815 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+7003*0.60
20816 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+7004*0.60
20817 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+7001*0.60
20818 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+7002*0.60
20819 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+7003*0.60
20820 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+7004*0.60
20821 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+7001*0.60
20822 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+7002*0.60
20823 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+7003*0.60
20824 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+7004*0.60
20825 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+7001*0.60
20826 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+7002*0.60
20827 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+7003*0.60
20828 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+7004*0.60
20829 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+7001*0.60
20830 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+7002*0.60
20831 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+7003*0.60
20832 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+7004*0.60
20833 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+7001*0.60
20834 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+7002*0.60
20835 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+7003*0.60
20836 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+7004*0.60
20837 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+7001*0.60
20838 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+7002*0.60
20839 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+7003*0.60
20840 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+7004*0.60
20841 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+7001*0.60
20842 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+7002*0.60
20843 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+7003*0.60
20844 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+7004*0.60
20845 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+7001*0.60
20846 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+7002*0.60
20847 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+7003*0.60
20848 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+7004*0.60
20849 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+7001*0.60
20850 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+7002*0.60
20851 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+7003*0.60

Combinations	Case nature	Definition
20852 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+7004*0.60
20853 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+7001*0.60
20854 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+7002*0.60
20855 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+7003*0.60
20856 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+7004*0.60
20857 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+7001*0.60
20858 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+7002*0.60
20859 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+7003*0.60
20860 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+7004*0.60
20861 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+7001*0.60
20862 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+7002*0.60
20863 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+7003*0.60
20864 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+7004*0.60
20865 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+7001*0.60
20866 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+7002*0.60
20867 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+7003*0.60
20868 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+7004*0.60
20869 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+7001*0.60
20870 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+7002*0.60
20871 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+7003*0.60
20872 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+7004*0.60
20873 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+7001*0.60
20874 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+7002*0.60
20875 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+7003*0.60
20876 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+7004*0.60
20877 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+7001*0.60
20878 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+7002*0.60
20879 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+7003*0.60
20880 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+7004*0.60
20881 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+7001*0.60
20882 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+7002*0.60
20883 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+7003*0.60
20884 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+7004*0.60
20885 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+7001*0.60
20886 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+7002*0.60
20887 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+7003*0.60
20888 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+7004*0.60
20889 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+7001*0.60
20890 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+7002*0.60
20891 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+7003*0.60
20892 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+7004*0.60
20893 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+7001*0.60
20894 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+7002*0.60
20895 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+7003*0.60
20896 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+7004*0.60
20897 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+6101*0.60
20898 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+6102*0.60
20899 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+6103*0.60
20900 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+6104*0.60
20901 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+6105*0.60
20902 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+6106*0.60
20903 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+6107*0.60

Combinations	Case nature	Definition
20904 (C)	dead	(9001+4000+5001)*1.00+4100*0.50+6108*0.60
20905 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+6101*0.60
20906 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+6102*0.60
20907 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+6103*0.60
20908 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+6104*0.60
20909 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+6105*0.60
20910 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+6106*0.60
20911 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+6107*0.60
20912 (C)	dead	(9001+4000+5002)*1.00+4100*0.50+6108*0.60
20913 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+6101*0.60
20914 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+6102*0.60
20915 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+6103*0.60
20916 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+6104*0.60
20917 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+6105*0.60
20918 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+6106*0.60
20919 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+6107*0.60
20920 (C)	dead	(9001+4000+5003)*1.00+4100*0.50+6108*0.60
20921 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+6101*0.60
20922 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+6102*0.60
20923 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+6103*0.60
20924 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+6104*0.60
20925 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+6105*0.60
20926 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+6106*0.60
20927 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+6107*0.60
20928 (C)	dead	(9001+4000+5004)*1.00+4100*0.50+6108*0.60
20929 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+6101*0.60
20930 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+6102*0.60
20931 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+6103*0.60
20932 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+6104*0.60
20933 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+6105*0.60
20934 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+6106*0.60
20935 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+6107*0.60
20936 (C)	dead	(9001+4000+5005)*1.00+4100*0.50+6108*0.60
20937 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+6101*0.60
20938 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+6102*0.60
20939 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+6103*0.60
20940 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+6104*0.60
20941 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+6105*0.60
20942 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+6106*0.60
20943 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+6107*0.60
20944 (C)	dead	(9001+4000+5006)*1.00+4100*0.50+6108*0.60
20945 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+6101*0.60
20946 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+6102*0.60
20947 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+6103*0.60
20948 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+6104*0.60
20949 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+6105*0.60
20950 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+6106*0.60
20951 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+6107*0.60
20952 (C)	dead	(9001+4000+5007)*1.00+4100*0.50+6108*0.60
20953 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+6101*0.60
20954 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+6102*0.60
20955 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+6103*0.60

Combinations	Case nature	Definition
20956 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+6104*0.60
20957 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+6105*0.60
20958 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+6106*0.60
20959 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+6107*0.60
20960 (C)	dead	(9001+4001+5001)*1.00+4101*0.50+6108*0.60
20961 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+6101*0.60
20962 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+6102*0.60
20963 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+6103*0.60
20964 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+6104*0.60
20965 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+6105*0.60
20966 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+6106*0.60
20967 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+6107*0.60
20968 (C)	dead	(9001+4001+5002)*1.00+4101*0.50+6108*0.60
20969 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+6101*0.60
20970 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+6102*0.60
20971 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+6103*0.60
20972 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+6104*0.60
20973 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+6105*0.60
20974 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+6106*0.60
20975 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+6107*0.60
20976 (C)	dead	(9001+4001+5003)*1.00+4101*0.50+6108*0.60
20977 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+6101*0.60
20978 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+6102*0.60
20979 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+6103*0.60
20980 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+6104*0.60
20981 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+6105*0.60
20982 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+6106*0.60
20983 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+6107*0.60
20984 (C)	dead	(9001+4001+5004)*1.00+4101*0.50+6108*0.60
20985 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+6101*0.60
20986 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+6102*0.60
20987 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+6103*0.60
20988 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+6104*0.60
20989 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+6105*0.60
20990 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+6106*0.60
20991 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+6107*0.60
20992 (C)	dead	(9001+4001+5005)*1.00+4101*0.50+6108*0.60
20993 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+6101*0.60
20994 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+6102*0.60
20995 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+6103*0.60
20996 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+6104*0.60
20997 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+6105*0.60
20998 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+6106*0.60
20999 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+6107*0.60
21000 (C)	dead	(9001+4001+5006)*1.00+4101*0.50+6108*0.60
21001 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+6101*0.60
21002 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+6102*0.60
21003 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+6103*0.60
21004 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+6104*0.60
21005 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+6105*0.60
21006 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+6106*0.60
21007 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
21008 (C)	dead	(9001+4001+5007)*1.00+4101*0.50+6108*0.60
21009 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+6101*0.60
21010 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+6102*0.60
21011 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+6103*0.60
21012 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+6104*0.60
21013 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+6105*0.60
21014 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+6106*0.60
21015 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+6107*0.60
21016 (C)	dead	(9001+4002+5001)*1.00+4102*0.50+6108*0.60
21017 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+6101*0.60
21018 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+6102*0.60
21019 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+6103*0.60
21020 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+6104*0.60
21021 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+6105*0.60
21022 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+6106*0.60
21023 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+6107*0.60
21024 (C)	dead	(9001+4002+5002)*1.00+4102*0.50+6108*0.60
21025 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+6101*0.60
21026 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+6102*0.60
21027 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+6103*0.60
21028 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+6104*0.60
21029 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+6105*0.60
21030 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+6106*0.60
21031 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+6107*0.60
21032 (C)	dead	(9001+4002+5003)*1.00+4102*0.50+6108*0.60
21033 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+6101*0.60
21034 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+6102*0.60
21035 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+6103*0.60
21036 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+6104*0.60
21037 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+6105*0.60
21038 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+6106*0.60
21039 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+6107*0.60
21040 (C)	dead	(9001+4002+5004)*1.00+4102*0.50+6108*0.60
21041 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+6101*0.60
21042 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+6102*0.60
21043 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+6103*0.60
21044 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+6104*0.60
21045 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+6105*0.60
21046 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+6106*0.60
21047 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+6107*0.60
21048 (C)	dead	(9001+4002+5005)*1.00+4102*0.50+6108*0.60
21049 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+6101*0.60
21050 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+6102*0.60
21051 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+6103*0.60
21052 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+6104*0.60
21053 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+6105*0.60
21054 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+6106*0.60
21055 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+6107*0.60
21056 (C)	dead	(9001+4002+5006)*1.00+4102*0.50+6108*0.60
21057 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+6101*0.60
21058 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+6102*0.60
21059 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+6103*0.60

Combinations	Case nature	Definition
21060 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+6104*0.60
21061 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+6105*0.60
21062 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+6106*0.60
21063 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+6107*0.60
21064 (C)	dead	(9001+4002+5007)*1.00+4102*0.50+6108*0.60
21065 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+6101*0.60
21066 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+6102*0.60
21067 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+6103*0.60
21068 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+6104*0.60
21069 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+6105*0.60
21070 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+6106*0.60
21071 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+6107*0.60
21072 (C)	dead	(9001+4003+5001)*1.00+4103*0.50+6108*0.60
21073 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+6101*0.60
21074 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+6102*0.60
21075 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+6103*0.60
21076 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+6104*0.60
21077 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+6105*0.60
21078 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+6106*0.60
21079 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+6107*0.60
21080 (C)	dead	(9001+4003+5002)*1.00+4103*0.50+6108*0.60
21081 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+6101*0.60
21082 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+6102*0.60
21083 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+6103*0.60
21084 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+6104*0.60
21085 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+6105*0.60
21086 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+6106*0.60
21087 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+6107*0.60
21088 (C)	dead	(9001+4003+5003)*1.00+4103*0.50+6108*0.60
21089 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+6101*0.60
21090 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+6102*0.60
21091 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+6103*0.60
21092 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+6104*0.60
21093 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+6105*0.60
21094 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+6106*0.60
21095 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+6107*0.60
21096 (C)	dead	(9001+4003+5004)*1.00+4103*0.50+6108*0.60
21097 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+6101*0.60
21098 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+6102*0.60
21099 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+6103*0.60
21100 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+6104*0.60
21101 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+6105*0.60
21102 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+6106*0.60
21103 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+6107*0.60
21104 (C)	dead	(9001+4003+5005)*1.00+4103*0.50+6108*0.60
21105 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+6101*0.60
21106 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+6102*0.60
21107 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+6103*0.60
21108 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+6104*0.60
21109 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+6105*0.60
21110 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+6106*0.60
21111 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+6107*0.60

Combinations	Case nature	Definition
21112 (C)	dead	(9001+4003+5006)*1.00+4103*0.50+6108*0.60
21113 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+6101*0.60
21114 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+6102*0.60
21115 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+6103*0.60
21116 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+6104*0.60
21117 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+6105*0.60
21118 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+6106*0.60
21119 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+6107*0.60
21120 (C)	dead	(9001+4003+5007)*1.00+4103*0.50+6108*0.60
21121 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+6101*0.60
21122 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+6102*0.60
21123 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+6103*0.60
21124 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+6104*0.60
21125 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+6105*0.60
21126 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+6106*0.60
21127 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+6107*0.60
21128 (C)	dead	(9001+4004+5001)*1.00+4104*0.50+6108*0.60
21129 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+6101*0.60
21130 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+6102*0.60
21131 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+6103*0.60
21132 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+6104*0.60
21133 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+6105*0.60
21134 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+6106*0.60
21135 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+6107*0.60
21136 (C)	dead	(9001+4004+5002)*1.00+4104*0.50+6108*0.60
21137 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+6101*0.60
21138 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+6102*0.60
21139 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+6103*0.60
21140 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+6104*0.60
21141 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+6105*0.60
21142 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+6106*0.60
21143 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+6107*0.60
21144 (C)	dead	(9001+4004+5003)*1.00+4104*0.50+6108*0.60
21145 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+6101*0.60
21146 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+6102*0.60
21147 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+6103*0.60
21148 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+6104*0.60
21149 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+6105*0.60
21150 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+6106*0.60
21151 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+6107*0.60
21152 (C)	dead	(9001+4004+5004)*1.00+4104*0.50+6108*0.60
21153 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+6101*0.60
21154 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+6102*0.60
21155 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+6103*0.60
21156 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+6104*0.60
21157 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+6105*0.60
21158 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+6106*0.60
21159 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+6107*0.60
21160 (C)	dead	(9001+4004+5005)*1.00+4104*0.50+6108*0.60
21161 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+6101*0.60
21162 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+6102*0.60
21163 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+6103*0.60

Combinations	Case nature	Definition
21164 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+6104*0.60
21165 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+6105*0.60
21166 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+6106*0.60
21167 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+6107*0.60
21168 (C)	dead	(9001+4004+5006)*1.00+4104*0.50+6108*0.60
21169 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+6101*0.60
21170 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+6102*0.60
21171 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+6103*0.60
21172 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+6104*0.60
21173 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+6105*0.60
21174 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+6106*0.60
21175 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+6107*0.60
21176 (C)	dead	(9001+4004+5007)*1.00+4104*0.50+6108*0.60
21177 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+6101*0.60
21178 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+6102*0.60
21179 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+6103*0.60
21180 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+6104*0.60
21181 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+6105*0.60
21182 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+6106*0.60
21183 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+6107*0.60
21184 (C)	dead	(9001+4005+5001)*1.00+4105*0.50+6108*0.60
21185 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+6101*0.60
21186 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+6102*0.60
21187 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+6103*0.60
21188 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+6104*0.60
21189 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+6105*0.60
21190 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+6106*0.60
21191 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+6107*0.60
21192 (C)	dead	(9001+4005+5002)*1.00+4105*0.50+6108*0.60
21193 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+6101*0.60
21194 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+6102*0.60
21195 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+6103*0.60
21196 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+6104*0.60
21197 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+6105*0.60
21198 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+6106*0.60
21199 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+6107*0.60
21200 (C)	dead	(9001+4005+5003)*1.00+4105*0.50+6108*0.60
21201 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+6101*0.60
21202 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+6102*0.60
21203 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+6103*0.60
21204 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+6104*0.60
21205 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+6105*0.60
21206 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+6106*0.60
21207 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+6107*0.60
21208 (C)	dead	(9001+4005+5004)*1.00+4105*0.50+6108*0.60
21209 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+6101*0.60
21210 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+6102*0.60
21211 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+6103*0.60
21212 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+6104*0.60
21213 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+6105*0.60
21214 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+6106*0.60
21215 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+6107*0.60

Combinations	Case nature	Definition
21216 (C)	dead	(9001+4005+5005)*1.00+4105*0.50+6108*0.60
21217 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+6101*0.60
21218 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+6102*0.60
21219 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+6103*0.60
21220 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+6104*0.60
21221 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+6105*0.60
21222 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+6106*0.60
21223 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+6107*0.60
21224 (C)	dead	(9001+4005+5006)*1.00+4105*0.50+6108*0.60
21225 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+6101*0.60
21226 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+6102*0.60
21227 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+6103*0.60
21228 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+6104*0.60
21229 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+6105*0.60
21230 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+6106*0.60
21231 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+6107*0.60
21232 (C)	dead	(9001+4005+5007)*1.00+4105*0.50+6108*0.60
21233 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+6101*0.60
21234 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+6102*0.60
21235 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+6103*0.60
21236 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+6104*0.60
21237 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+6105*0.60
21238 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+6106*0.60
21239 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+6107*0.60
21240 (C)	dead	(9001+4006+5001)*1.00+4106*0.50+6108*0.60
21241 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+6101*0.60
21242 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+6102*0.60
21243 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+6103*0.60
21244 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+6104*0.60
21245 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+6105*0.60
21246 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+6106*0.60
21247 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+6107*0.60
21248 (C)	dead	(9001+4006+5002)*1.00+4106*0.50+6108*0.60
21249 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+6101*0.60
21250 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+6102*0.60
21251 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+6103*0.60
21252 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+6104*0.60
21253 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+6105*0.60
21254 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+6106*0.60
21255 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+6107*0.60
21256 (C)	dead	(9001+4006+5003)*1.00+4106*0.50+6108*0.60
21257 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+6101*0.60
21258 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+6102*0.60
21259 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+6103*0.60
21260 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+6104*0.60
21261 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+6105*0.60
21262 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+6106*0.60
21263 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+6107*0.60
21264 (C)	dead	(9001+4006+5004)*1.00+4106*0.50+6108*0.60
21265 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+6101*0.60
21266 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+6102*0.60
21267 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+6103*0.60

Combinations	Case nature	Definition
21268 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+6104*0.60
21269 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+6105*0.60
21270 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+6106*0.60
21271 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+6107*0.60
21272 (C)	dead	(9001+4006+5005)*1.00+4106*0.50+6108*0.60
21273 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+6101*0.60
21274 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+6102*0.60
21275 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+6103*0.60
21276 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+6104*0.60
21277 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+6105*0.60
21278 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+6106*0.60
21279 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+6107*0.60
21280 (C)	dead	(9001+4006+5006)*1.00+4106*0.50+6108*0.60
21281 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+6101*0.60
21282 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+6102*0.60
21283 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+6103*0.60
21284 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+6104*0.60
21285 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+6105*0.60
21286 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+6106*0.60
21287 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+6107*0.60
21288 (C)	dead	(9001+4006+5007)*1.00+4106*0.50+6108*0.60
21289 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+6101*0.60
21290 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+6102*0.60
21291 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+6103*0.60
21292 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+6104*0.60
21293 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+6105*0.60
21294 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+6106*0.60
21295 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+6107*0.60
21296 (C)	dead	(9001+4007+5001)*1.00+4107*0.50+6108*0.60
21297 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+6101*0.60
21298 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+6102*0.60
21299 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+6103*0.60
21300 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+6104*0.60
21301 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+6105*0.60
21302 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+6106*0.60
21303 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+6107*0.60
21304 (C)	dead	(9001+4007+5002)*1.00+4107*0.50+6108*0.60
21305 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+6101*0.60
21306 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+6102*0.60
21307 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+6103*0.60
21308 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+6104*0.60
21309 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+6105*0.60
21310 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+6106*0.60
21311 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+6107*0.60
21312 (C)	dead	(9001+4007+5003)*1.00+4107*0.50+6108*0.60
21313 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+6101*0.60
21314 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+6102*0.60
21315 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+6103*0.60
21316 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+6104*0.60
21317 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+6105*0.60
21318 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+6106*0.60
21319 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
21320 (C)	dead	(9001+4007+5004)*1.00+4107*0.50+6108*0.60
21321 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+6101*0.60
21322 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+6102*0.60
21323 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+6103*0.60
21324 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+6104*0.60
21325 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+6105*0.60
21326 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+6106*0.60
21327 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+6107*0.60
21328 (C)	dead	(9001+4007+5005)*1.00+4107*0.50+6108*0.60
21329 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+6101*0.60
21330 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+6102*0.60
21331 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+6103*0.60
21332 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+6104*0.60
21333 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+6105*0.60
21334 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+6106*0.60
21335 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+6107*0.60
21336 (C)	dead	(9001+4007+5006)*1.00+4107*0.50+6108*0.60
21337 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+6101*0.60
21338 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+6102*0.60
21339 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+6103*0.60
21340 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+6104*0.60
21341 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+6105*0.60
21342 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+6106*0.60
21343 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+6107*0.60
21344 (C)	dead	(9001+4007+5007)*1.00+4107*0.50+6108*0.60
21345 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+6101*0.60
21346 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+6102*0.60
21347 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+6103*0.60
21348 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+6104*0.60
21349 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+6105*0.60
21350 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+6106*0.60
21351 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+6107*0.60
21352 (C)	dead	(9001+4008+5001)*1.00+4108*0.50+6108*0.60
21353 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+6101*0.60
21354 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+6102*0.60
21355 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+6103*0.60
21356 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+6104*0.60
21357 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+6105*0.60
21358 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+6106*0.60
21359 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+6107*0.60
21360 (C)	dead	(9001+4008+5002)*1.00+4108*0.50+6108*0.60
21361 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+6101*0.60
21362 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+6102*0.60
21363 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+6103*0.60
21364 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+6104*0.60
21365 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+6105*0.60
21366 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+6106*0.60
21367 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+6107*0.60
21368 (C)	dead	(9001+4008+5003)*1.00+4108*0.50+6108*0.60
21369 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+6101*0.60
21370 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+6102*0.60
21371 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+6103*0.60

Combinations	Case nature	Definition
21372 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+6104*0.60
21373 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+6105*0.60
21374 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+6106*0.60
21375 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+6107*0.60
21376 (C)	dead	(9001+4008+5004)*1.00+4108*0.50+6108*0.60
21377 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+6101*0.60
21378 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+6102*0.60
21379 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+6103*0.60
21380 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+6104*0.60
21381 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+6105*0.60
21382 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+6106*0.60
21383 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+6107*0.60
21384 (C)	dead	(9001+4008+5005)*1.00+4108*0.50+6108*0.60
21385 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+6101*0.60
21386 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+6102*0.60
21387 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+6103*0.60
21388 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+6104*0.60
21389 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+6105*0.60
21390 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+6106*0.60
21391 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+6107*0.60
21392 (C)	dead	(9001+4008+5006)*1.00+4108*0.50+6108*0.60
21393 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+6101*0.60
21394 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+6102*0.60
21395 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+6103*0.60
21396 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+6104*0.60
21397 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+6105*0.60
21398 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+6106*0.60
21399 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+6107*0.60
21400 (C)	dead	(9001+4008+5007)*1.00+4108*0.50+6108*0.60
21401 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+6101*0.60
21402 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+6102*0.60
21403 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+6103*0.60
21404 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+6104*0.60
21405 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+6105*0.60
21406 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+6106*0.60
21407 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+6107*0.60
21408 (C)	dead	(9001+4009+5001)*1.00+4109*0.50+6108*0.60
21409 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+6101*0.60
21410 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+6102*0.60
21411 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+6103*0.60
21412 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+6104*0.60
21413 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+6105*0.60
21414 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+6106*0.60
21415 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+6107*0.60
21416 (C)	dead	(9001+4009+5002)*1.00+4109*0.50+6108*0.60
21417 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+6101*0.60
21418 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+6102*0.60
21419 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+6103*0.60
21420 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+6104*0.60
21421 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+6105*0.60
21422 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+6106*0.60
21423 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
21424 (C)	dead	(9001+4009+5003)*1.00+4109*0.50+6108*0.60
21425 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+6101*0.60
21426 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+6102*0.60
21427 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+6103*0.60
21428 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+6104*0.60
21429 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+6105*0.60
21430 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+6106*0.60
21431 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+6107*0.60
21432 (C)	dead	(9001+4009+5004)*1.00+4109*0.50+6108*0.60
21433 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+6101*0.60
21434 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+6102*0.60
21435 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+6103*0.60
21436 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+6104*0.60
21437 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+6105*0.60
21438 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+6106*0.60
21439 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+6107*0.60
21440 (C)	dead	(9001+4009+5005)*1.00+4109*0.50+6108*0.60
21441 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+6101*0.60
21442 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+6102*0.60
21443 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+6103*0.60
21444 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+6104*0.60
21445 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+6105*0.60
21446 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+6106*0.60
21447 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+6107*0.60
21448 (C)	dead	(9001+4009+5006)*1.00+4109*0.50+6108*0.60
21449 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+6101*0.60
21450 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+6102*0.60
21451 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+6103*0.60
21452 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+6104*0.60
21453 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+6105*0.60
21454 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+6106*0.60
21455 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+6107*0.60
21456 (C)	dead	(9001+4009+5007)*1.00+4109*0.50+6108*0.60
21457 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+6101*0.60
21458 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+6102*0.60
21459 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+6103*0.60
21460 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+6104*0.60
21461 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+6105*0.60
21462 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+6106*0.60
21463 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+6107*0.60
21464 (C)	dead	(9001+4010+5001)*1.00+4110*0.50+6108*0.60
21465 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+6101*0.60
21466 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+6102*0.60
21467 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+6103*0.60
21468 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+6104*0.60
21469 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+6105*0.60
21470 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+6106*0.60
21471 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+6107*0.60
21472 (C)	dead	(9001+4010+5002)*1.00+4110*0.50+6108*0.60
21473 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+6101*0.60
21474 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+6102*0.60
21475 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+6103*0.60

Combinations	Case nature	Definition
21476 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+6104*0.60
21477 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+6105*0.60
21478 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+6106*0.60
21479 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+6107*0.60
21480 (C)	dead	(9001+4010+5003)*1.00+4110*0.50+6108*0.60
21481 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+6101*0.60
21482 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+6102*0.60
21483 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+6103*0.60
21484 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+6104*0.60
21485 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+6105*0.60
21486 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+6106*0.60
21487 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+6107*0.60
21488 (C)	dead	(9001+4010+5004)*1.00+4110*0.50+6108*0.60
21489 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+6101*0.60
21490 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+6102*0.60
21491 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+6103*0.60
21492 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+6104*0.60
21493 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+6105*0.60
21494 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+6106*0.60
21495 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+6107*0.60
21496 (C)	dead	(9001+4010+5005)*1.00+4110*0.50+6108*0.60
21497 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+6101*0.60
21498 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+6102*0.60
21499 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+6103*0.60
21500 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+6104*0.60
21501 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+6105*0.60
21502 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+6106*0.60
21503 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+6107*0.60
21504 (C)	dead	(9001+4010+5006)*1.00+4110*0.50+6108*0.60
21505 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+6101*0.60
21506 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+6102*0.60
21507 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+6103*0.60
21508 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+6104*0.60
21509 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+6105*0.60
21510 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+6106*0.60
21511 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+6107*0.60
21512 (C)	dead	(9001+4010+5007)*1.00+4110*0.50+6108*0.60
21513 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+6101*0.60
21514 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+6102*0.60
21515 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+6103*0.60
21516 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+6104*0.60
21517 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+6105*0.60
21518 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+6106*0.60
21519 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+6107*0.60
21520 (C)	dead	(9001+4011+5001)*1.00+4111*0.50+6108*0.60
21521 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+6101*0.60
21522 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+6102*0.60
21523 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+6103*0.60
21524 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+6104*0.60
21525 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+6105*0.60
21526 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+6106*0.60
21527 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
21528 (C)	dead	(9001+4011+5002)*1.00+4111*0.50+6108*0.60
21529 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+6101*0.60
21530 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+6102*0.60
21531 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+6103*0.60
21532 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+6104*0.60
21533 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+6105*0.60
21534 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+6106*0.60
21535 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+6107*0.60
21536 (C)	dead	(9001+4011+5003)*1.00+4111*0.50+6108*0.60
21537 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+6101*0.60
21538 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+6102*0.60
21539 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+6103*0.60
21540 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+6104*0.60
21541 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+6105*0.60
21542 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+6106*0.60
21543 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+6107*0.60
21544 (C)	dead	(9001+4011+5004)*1.00+4111*0.50+6108*0.60
21545 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+6101*0.60
21546 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+6102*0.60
21547 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+6103*0.60
21548 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+6104*0.60
21549 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+6105*0.60
21550 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+6106*0.60
21551 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+6107*0.60
21552 (C)	dead	(9001+4011+5005)*1.00+4111*0.50+6108*0.60
21553 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+6101*0.60
21554 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+6102*0.60
21555 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+6103*0.60
21556 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+6104*0.60
21557 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+6105*0.60
21558 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+6106*0.60
21559 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+6107*0.60
21560 (C)	dead	(9001+4011+5006)*1.00+4111*0.50+6108*0.60
21561 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+6101*0.60
21562 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+6102*0.60
21563 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+6103*0.60
21564 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+6104*0.60
21565 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+6105*0.60
21566 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+6106*0.60
21567 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+6107*0.60
21568 (C)	dead	(9001+4011+5007)*1.00+4111*0.50+6108*0.60
21569 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+6101*0.60
21570 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+6102*0.60
21571 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+6103*0.60
21572 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+6104*0.60
21573 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+6105*0.60
21574 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+6106*0.60
21575 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+6107*0.60
21576 (C)	dead	(9001+4012+5001)*1.00+4112*0.50+6108*0.60
21577 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+6101*0.60
21578 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+6102*0.60
21579 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+6103*0.60

Combinations	Case nature	Definition
21580 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+6104*0.60
21581 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+6105*0.60
21582 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+6106*0.60
21583 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+6107*0.60
21584 (C)	dead	(9001+4012+5002)*1.00+4112*0.50+6108*0.60
21585 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+6101*0.60
21586 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+6102*0.60
21587 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+6103*0.60
21588 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+6104*0.60
21589 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+6105*0.60
21590 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+6106*0.60
21591 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+6107*0.60
21592 (C)	dead	(9001+4012+5003)*1.00+4112*0.50+6108*0.60
21593 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+6101*0.60
21594 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+6102*0.60
21595 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+6103*0.60
21596 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+6104*0.60
21597 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+6105*0.60
21598 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+6106*0.60
21599 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+6107*0.60
21600 (C)	dead	(9001+4012+5004)*1.00+4112*0.50+6108*0.60
21601 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+6101*0.60
21602 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+6102*0.60
21603 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+6103*0.60
21604 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+6104*0.60
21605 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+6105*0.60
21606 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+6106*0.60
21607 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+6107*0.60
21608 (C)	dead	(9001+4012+5005)*1.00+4112*0.50+6108*0.60
21609 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+6101*0.60
21610 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+6102*0.60
21611 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+6103*0.60
21612 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+6104*0.60
21613 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+6105*0.60
21614 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+6106*0.60
21615 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+6107*0.60
21616 (C)	dead	(9001+4012+5006)*1.00+4112*0.50+6108*0.60
21617 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+6101*0.60
21618 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+6102*0.60
21619 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+6103*0.60
21620 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+6104*0.60
21621 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+6105*0.60
21622 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+6106*0.60
21623 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+6107*0.60
21624 (C)	dead	(9001+4012+5007)*1.00+4112*0.50+6108*0.60
21625 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+6101*0.60
21626 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+6102*0.60
21627 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+6103*0.60
21628 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+6104*0.60
21629 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+6105*0.60
21630 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+6106*0.60
21631 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
21632 (C)	dead	(9001+4013+5001)*1.00+4113*0.50+6108*0.60
21633 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+6101*0.60
21634 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+6102*0.60
21635 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+6103*0.60
21636 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+6104*0.60
21637 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+6105*0.60
21638 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+6106*0.60
21639 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+6107*0.60
21640 (C)	dead	(9001+4013+5002)*1.00+4113*0.50+6108*0.60
21641 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+6101*0.60
21642 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+6102*0.60
21643 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+6103*0.60
21644 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+6104*0.60
21645 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+6105*0.60
21646 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+6106*0.60
21647 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+6107*0.60
21648 (C)	dead	(9001+4013+5003)*1.00+4113*0.50+6108*0.60
21649 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+6101*0.60
21650 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+6102*0.60
21651 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+6103*0.60
21652 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+6104*0.60
21653 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+6105*0.60
21654 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+6106*0.60
21655 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+6107*0.60
21656 (C)	dead	(9001+4013+5004)*1.00+4113*0.50+6108*0.60
21657 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+6101*0.60
21658 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+6102*0.60
21659 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+6103*0.60
21660 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+6104*0.60
21661 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+6105*0.60
21662 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+6106*0.60
21663 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+6107*0.60
21664 (C)	dead	(9001+4013+5005)*1.00+4113*0.50+6108*0.60
21665 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+6101*0.60
21666 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+6102*0.60
21667 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+6103*0.60
21668 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+6104*0.60
21669 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+6105*0.60
21670 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+6106*0.60
21671 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+6107*0.60
21672 (C)	dead	(9001+4013+5006)*1.00+4113*0.50+6108*0.60
21673 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+6101*0.60
21674 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+6102*0.60
21675 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+6103*0.60
21676 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+6104*0.60
21677 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+6105*0.60
21678 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+6106*0.60
21679 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+6107*0.60
21680 (C)	dead	(9001+4013+5007)*1.00+4113*0.50+6108*0.60
21681 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+6101*0.60
21682 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+6102*0.60
21683 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+6103*0.60

Combinations	Case nature	Definition
21684 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+6104*0.60
21685 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+6105*0.60
21686 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+6106*0.60
21687 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+6107*0.60
21688 (C)	dead	(9001+4014+5001)*1.00+4114*0.50+6108*0.60
21689 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+6101*0.60
21690 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+6102*0.60
21691 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+6103*0.60
21692 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+6104*0.60
21693 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+6105*0.60
21694 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+6106*0.60
21695 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+6107*0.60
21696 (C)	dead	(9001+4014+5002)*1.00+4114*0.50+6108*0.60
21697 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+6101*0.60
21698 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+6102*0.60
21699 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+6103*0.60
21700 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+6104*0.60
21701 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+6105*0.60
21702 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+6106*0.60
21703 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+6107*0.60
21704 (C)	dead	(9001+4014+5003)*1.00+4114*0.50+6108*0.60
21705 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+6101*0.60
21706 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+6102*0.60
21707 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+6103*0.60
21708 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+6104*0.60
21709 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+6105*0.60
21710 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+6106*0.60
21711 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+6107*0.60
21712 (C)	dead	(9001+4014+5004)*1.00+4114*0.50+6108*0.60
21713 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+6101*0.60
21714 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+6102*0.60
21715 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+6103*0.60
21716 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+6104*0.60
21717 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+6105*0.60
21718 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+6106*0.60
21719 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+6107*0.60
21720 (C)	dead	(9001+4014+5005)*1.00+4114*0.50+6108*0.60
21721 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+6101*0.60
21722 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+6102*0.60
21723 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+6103*0.60
21724 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+6104*0.60
21725 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+6105*0.60
21726 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+6106*0.60
21727 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+6107*0.60
21728 (C)	dead	(9001+4014+5006)*1.00+4114*0.50+6108*0.60
21729 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+6101*0.60
21730 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+6102*0.60
21731 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+6103*0.60
21732 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+6104*0.60
21733 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+6105*0.60
21734 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+6106*0.60
21735 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
21736 (C)	dead	(9001+4014+5007)*1.00+4114*0.50+6108*0.60
21737 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+6101*0.60
21738 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+6102*0.60
21739 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+6103*0.60
21740 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+6104*0.60
21741 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+6105*0.60
21742 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+6106*0.60
21743 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+6107*0.60
21744 (C)	dead	(9001+4015+5001)*1.00+4115*0.50+6108*0.60
21745 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+6101*0.60
21746 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+6102*0.60
21747 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+6103*0.60
21748 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+6104*0.60
21749 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+6105*0.60
21750 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+6106*0.60
21751 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+6107*0.60
21752 (C)	dead	(9001+4015+5002)*1.00+4115*0.50+6108*0.60
21753 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+6101*0.60
21754 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+6102*0.60
21755 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+6103*0.60
21756 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+6104*0.60
21757 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+6105*0.60
21758 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+6106*0.60
21759 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+6107*0.60
21760 (C)	dead	(9001+4015+5003)*1.00+4115*0.50+6108*0.60
21761 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+6101*0.60
21762 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+6102*0.60
21763 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+6103*0.60
21764 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+6104*0.60
21765 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+6105*0.60
21766 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+6106*0.60
21767 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+6107*0.60
21768 (C)	dead	(9001+4015+5004)*1.00+4115*0.50+6108*0.60
21769 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+6101*0.60
21770 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+6102*0.60
21771 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+6103*0.60
21772 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+6104*0.60
21773 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+6105*0.60
21774 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+6106*0.60
21775 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+6107*0.60
21776 (C)	dead	(9001+4015+5005)*1.00+4115*0.50+6108*0.60
21777 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+6101*0.60
21778 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+6102*0.60
21779 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+6103*0.60
21780 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+6104*0.60
21781 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+6105*0.60
21782 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+6106*0.60
21783 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+6107*0.60
21784 (C)	dead	(9001+4015+5006)*1.00+4115*0.50+6108*0.60
21785 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+6101*0.60
21786 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+6102*0.60
21787 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+6103*0.60

Combinations	Case nature	Definition
21788 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+6104*0.60
21789 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+6105*0.60
21790 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+6106*0.60
21791 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+6107*0.60
21792 (C)	dead	(9001+4015+5007)*1.00+4115*0.50+6108*0.60
21793 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+6101*0.60
21794 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+6102*0.60
21795 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+6103*0.60
21796 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+6104*0.60
21797 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+6105*0.60
21798 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+6106*0.60
21799 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+6107*0.60
21800 (C)	dead	(9002+4000+5001)*1.00+4100*0.50+6108*0.60
21801 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+6101*0.60
21802 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+6102*0.60
21803 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+6103*0.60
21804 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+6104*0.60
21805 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+6105*0.60
21806 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+6106*0.60
21807 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+6107*0.60
21808 (C)	dead	(9002+4000+5002)*1.00+4100*0.50+6108*0.60
21809 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+6101*0.60
21810 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+6102*0.60
21811 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+6103*0.60
21812 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+6104*0.60
21813 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+6105*0.60
21814 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+6106*0.60
21815 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+6107*0.60
21816 (C)	dead	(9002+4000+5003)*1.00+4100*0.50+6108*0.60
21817 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+6101*0.60
21818 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+6102*0.60
21819 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+6103*0.60
21820 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+6104*0.60
21821 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+6105*0.60
21822 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+6106*0.60
21823 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+6107*0.60
21824 (C)	dead	(9002+4000+5004)*1.00+4100*0.50+6108*0.60
21825 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+6101*0.60
21826 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+6102*0.60
21827 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+6103*0.60
21828 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+6104*0.60
21829 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+6105*0.60
21830 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+6106*0.60
21831 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+6107*0.60
21832 (C)	dead	(9002+4000+5005)*1.00+4100*0.50+6108*0.60
21833 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+6101*0.60
21834 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+6102*0.60
21835 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+6103*0.60
21836 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+6104*0.60
21837 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+6105*0.60
21838 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+6106*0.60
21839 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+6107*0.60

Combinations	Case nature	Definition
21840 (C)	dead	(9002+4000+5006)*1.00+4100*0.50+6108*0.60
21841 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+6101*0.60
21842 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+6102*0.60
21843 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+6103*0.60
21844 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+6104*0.60
21845 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+6105*0.60
21846 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+6106*0.60
21847 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+6107*0.60
21848 (C)	dead	(9002+4000+5007)*1.00+4100*0.50+6108*0.60
21849 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+6101*0.60
21850 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+6102*0.60
21851 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+6103*0.60
21852 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+6104*0.60
21853 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+6105*0.60
21854 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+6106*0.60
21855 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+6107*0.60
21856 (C)	dead	(9002+4001+5001)*1.00+4101*0.50+6108*0.60
21857 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+6101*0.60
21858 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+6102*0.60
21859 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+6103*0.60
21860 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+6104*0.60
21861 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+6105*0.60
21862 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+6106*0.60
21863 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+6107*0.60
21864 (C)	dead	(9002+4001+5002)*1.00+4101*0.50+6108*0.60
21865 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+6101*0.60
21866 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+6102*0.60
21867 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+6103*0.60
21868 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+6104*0.60
21869 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+6105*0.60
21870 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+6106*0.60
21871 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+6107*0.60
21872 (C)	dead	(9002+4001+5003)*1.00+4101*0.50+6108*0.60
21873 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+6101*0.60
21874 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+6102*0.60
21875 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+6103*0.60
21876 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+6104*0.60
21877 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+6105*0.60
21878 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+6106*0.60
21879 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+6107*0.60
21880 (C)	dead	(9002+4001+5004)*1.00+4101*0.50+6108*0.60
21881 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+6101*0.60
21882 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+6102*0.60
21883 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+6103*0.60
21884 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+6104*0.60
21885 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+6105*0.60
21886 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+6106*0.60
21887 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+6107*0.60
21888 (C)	dead	(9002+4001+5005)*1.00+4101*0.50+6108*0.60
21889 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+6101*0.60
21890 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+6102*0.60
21891 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+6103*0.60

Combinations	Case nature	Definition
21892 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+6104*0.60
21893 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+6105*0.60
21894 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+6106*0.60
21895 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+6107*0.60
21896 (C)	dead	(9002+4001+5006)*1.00+4101*0.50+6108*0.60
21897 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+6101*0.60
21898 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+6102*0.60
21899 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+6103*0.60
21900 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+6104*0.60
21901 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+6105*0.60
21902 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+6106*0.60
21903 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+6107*0.60
21904 (C)	dead	(9002+4001+5007)*1.00+4101*0.50+6108*0.60
21905 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+6101*0.60
21906 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+6102*0.60
21907 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+6103*0.60
21908 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+6104*0.60
21909 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+6105*0.60
21910 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+6106*0.60
21911 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+6107*0.60
21912 (C)	dead	(9002+4002+5001)*1.00+4102*0.50+6108*0.60
21913 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+6101*0.60
21914 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+6102*0.60
21915 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+6103*0.60
21916 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+6104*0.60
21917 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+6105*0.60
21918 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+6106*0.60
21919 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+6107*0.60
21920 (C)	dead	(9002+4002+5002)*1.00+4102*0.50+6108*0.60
21921 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+6101*0.60
21922 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+6102*0.60
21923 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+6103*0.60
21924 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+6104*0.60
21925 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+6105*0.60
21926 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+6106*0.60
21927 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+6107*0.60
21928 (C)	dead	(9002+4002+5003)*1.00+4102*0.50+6108*0.60
21929 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+6101*0.60
21930 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+6102*0.60
21931 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+6103*0.60
21932 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+6104*0.60
21933 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+6105*0.60
21934 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+6106*0.60
21935 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+6107*0.60
21936 (C)	dead	(9002+4002+5004)*1.00+4102*0.50+6108*0.60
21937 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+6101*0.60
21938 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+6102*0.60
21939 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+6103*0.60
21940 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+6104*0.60
21941 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+6105*0.60
21942 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+6106*0.60
21943 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+6107*0.60

Combinations	Case nature	Definition
21944 (C)	dead	(9002+4002+5005)*1.00+4102*0.50+6108*0.60
21945 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+6101*0.60
21946 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+6102*0.60
21947 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+6103*0.60
21948 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+6104*0.60
21949 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+6105*0.60
21950 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+6106*0.60
21951 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+6107*0.60
21952 (C)	dead	(9002+4002+5006)*1.00+4102*0.50+6108*0.60
21953 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+6101*0.60
21954 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+6102*0.60
21955 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+6103*0.60
21956 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+6104*0.60
21957 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+6105*0.60
21958 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+6106*0.60
21959 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+6107*0.60
21960 (C)	dead	(9002+4002+5007)*1.00+4102*0.50+6108*0.60
21961 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+6101*0.60
21962 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+6102*0.60
21963 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+6103*0.60
21964 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+6104*0.60
21965 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+6105*0.60
21966 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+6106*0.60
21967 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+6107*0.60
21968 (C)	dead	(9002+4003+5001)*1.00+4103*0.50+6108*0.60
21969 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+6101*0.60
21970 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+6102*0.60
21971 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+6103*0.60
21972 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+6104*0.60
21973 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+6105*0.60
21974 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+6106*0.60
21975 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+6107*0.60
21976 (C)	dead	(9002+4003+5002)*1.00+4103*0.50+6108*0.60
21977 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+6101*0.60
21978 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+6102*0.60
21979 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+6103*0.60
21980 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+6104*0.60
21981 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+6105*0.60
21982 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+6106*0.60
21983 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+6107*0.60
21984 (C)	dead	(9002+4003+5003)*1.00+4103*0.50+6108*0.60
21985 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+6101*0.60
21986 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+6102*0.60
21987 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+6103*0.60
21988 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+6104*0.60
21989 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+6105*0.60
21990 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+6106*0.60
21991 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+6107*0.60
21992 (C)	dead	(9002+4003+5004)*1.00+4103*0.50+6108*0.60
21993 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+6101*0.60
21994 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+6102*0.60
21995 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+6103*0.60

Combinations	Case nature	Definition
21996 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+6104*0.60
21997 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+6105*0.60
21998 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+6106*0.60
21999 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+6107*0.60
22000 (C)	dead	(9002+4003+5005)*1.00+4103*0.50+6108*0.60
22001 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+6101*0.60
22002 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+6102*0.60
22003 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+6103*0.60
22004 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+6104*0.60
22005 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+6105*0.60
22006 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+6106*0.60
22007 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+6107*0.60
22008 (C)	dead	(9002+4003+5006)*1.00+4103*0.50+6108*0.60
22009 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+6101*0.60
22010 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+6102*0.60
22011 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+6103*0.60
22012 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+6104*0.60
22013 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+6105*0.60
22014 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+6106*0.60
22015 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+6107*0.60
22016 (C)	dead	(9002+4003+5007)*1.00+4103*0.50+6108*0.60
22017 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+6101*0.60
22018 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+6102*0.60
22019 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+6103*0.60
22020 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+6104*0.60
22021 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+6105*0.60
22022 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+6106*0.60
22023 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+6107*0.60
22024 (C)	dead	(9002+4004+5001)*1.00+4104*0.50+6108*0.60
22025 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+6101*0.60
22026 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+6102*0.60
22027 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+6103*0.60
22028 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+6104*0.60
22029 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+6105*0.60
22030 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+6106*0.60
22031 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+6107*0.60
22032 (C)	dead	(9002+4004+5002)*1.00+4104*0.50+6108*0.60
22033 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+6101*0.60
22034 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+6102*0.60
22035 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+6103*0.60
22036 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+6104*0.60
22037 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+6105*0.60
22038 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+6106*0.60
22039 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+6107*0.60
22040 (C)	dead	(9002+4004+5003)*1.00+4104*0.50+6108*0.60
22041 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+6101*0.60
22042 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+6102*0.60
22043 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+6103*0.60
22044 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+6104*0.60
22045 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+6105*0.60
22046 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+6106*0.60
22047 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
22048 (C)	dead	(9002+4004+5004)*1.00+4104*0.50+6108*0.60
22049 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+6101*0.60
22050 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+6102*0.60
22051 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+6103*0.60
22052 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+6104*0.60
22053 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+6105*0.60
22054 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+6106*0.60
22055 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+6107*0.60
22056 (C)	dead	(9002+4004+5005)*1.00+4104*0.50+6108*0.60
22057 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+6101*0.60
22058 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+6102*0.60
22059 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+6103*0.60
22060 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+6104*0.60
22061 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+6105*0.60
22062 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+6106*0.60
22063 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+6107*0.60
22064 (C)	dead	(9002+4004+5006)*1.00+4104*0.50+6108*0.60
22065 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+6101*0.60
22066 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+6102*0.60
22067 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+6103*0.60
22068 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+6104*0.60
22069 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+6105*0.60
22070 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+6106*0.60
22071 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+6107*0.60
22072 (C)	dead	(9002+4004+5007)*1.00+4104*0.50+6108*0.60
22073 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+6101*0.60
22074 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+6102*0.60
22075 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+6103*0.60
22076 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+6104*0.60
22077 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+6105*0.60
22078 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+6106*0.60
22079 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+6107*0.60
22080 (C)	dead	(9002+4005+5001)*1.00+4105*0.50+6108*0.60
22081 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+6101*0.60
22082 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+6102*0.60
22083 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+6103*0.60
22084 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+6104*0.60
22085 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+6105*0.60
22086 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+6106*0.60
22087 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+6107*0.60
22088 (C)	dead	(9002+4005+5002)*1.00+4105*0.50+6108*0.60
22089 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+6101*0.60
22090 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+6102*0.60
22091 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+6103*0.60
22092 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+6104*0.60
22093 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+6105*0.60
22094 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+6106*0.60
22095 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+6107*0.60
22096 (C)	dead	(9002+4005+5003)*1.00+4105*0.50+6108*0.60
22097 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+6101*0.60
22098 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+6102*0.60
22099 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+6103*0.60

Combinations	Case nature	Definition
22100 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+6104*0.60
22101 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+6105*0.60
22102 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+6106*0.60
22103 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+6107*0.60
22104 (C)	dead	(9002+4005+5004)*1.00+4105*0.50+6108*0.60
22105 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+6101*0.60
22106 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+6102*0.60
22107 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+6103*0.60
22108 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+6104*0.60
22109 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+6105*0.60
22110 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+6106*0.60
22111 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+6107*0.60
22112 (C)	dead	(9002+4005+5005)*1.00+4105*0.50+6108*0.60
22113 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+6101*0.60
22114 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+6102*0.60
22115 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+6103*0.60
22116 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+6104*0.60
22117 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+6105*0.60
22118 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+6106*0.60
22119 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+6107*0.60
22120 (C)	dead	(9002+4005+5006)*1.00+4105*0.50+6108*0.60
22121 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+6101*0.60
22122 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+6102*0.60
22123 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+6103*0.60
22124 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+6104*0.60
22125 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+6105*0.60
22126 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+6106*0.60
22127 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+6107*0.60
22128 (C)	dead	(9002+4005+5007)*1.00+4105*0.50+6108*0.60
22129 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+6101*0.60
22130 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+6102*0.60
22131 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+6103*0.60
22132 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+6104*0.60
22133 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+6105*0.60
22134 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+6106*0.60
22135 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+6107*0.60
22136 (C)	dead	(9002+4006+5001)*1.00+4106*0.50+6108*0.60
22137 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+6101*0.60
22138 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+6102*0.60
22139 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+6103*0.60
22140 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+6104*0.60
22141 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+6105*0.60
22142 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+6106*0.60
22143 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+6107*0.60
22144 (C)	dead	(9002+4006+5002)*1.00+4106*0.50+6108*0.60
22145 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+6101*0.60
22146 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+6102*0.60
22147 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+6103*0.60
22148 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+6104*0.60
22149 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+6105*0.60
22150 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+6106*0.60
22151 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+6107*0.60

Combinations	Case nature	Definition
22152 (C)	dead	(9002+4006+5003)*1.00+4106*0.50+6108*0.60
22153 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+6101*0.60
22154 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+6102*0.60
22155 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+6103*0.60
22156 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+6104*0.60
22157 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+6105*0.60
22158 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+6106*0.60
22159 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+6107*0.60
22160 (C)	dead	(9002+4006+5004)*1.00+4106*0.50+6108*0.60
22161 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+6101*0.60
22162 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+6102*0.60
22163 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+6103*0.60
22164 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+6104*0.60
22165 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+6105*0.60
22166 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+6106*0.60
22167 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+6107*0.60
22168 (C)	dead	(9002+4006+5005)*1.00+4106*0.50+6108*0.60
22169 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+6101*0.60
22170 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+6102*0.60
22171 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+6103*0.60
22172 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+6104*0.60
22173 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+6105*0.60
22174 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+6106*0.60
22175 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+6107*0.60
22176 (C)	dead	(9002+4006+5006)*1.00+4106*0.50+6108*0.60
22177 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+6101*0.60
22178 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+6102*0.60
22179 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+6103*0.60
22180 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+6104*0.60
22181 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+6105*0.60
22182 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+6106*0.60
22183 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+6107*0.60
22184 (C)	dead	(9002+4006+5007)*1.00+4106*0.50+6108*0.60
22185 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+6101*0.60
22186 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+6102*0.60
22187 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+6103*0.60
22188 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+6104*0.60
22189 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+6105*0.60
22190 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+6106*0.60
22191 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+6107*0.60
22192 (C)	dead	(9002+4007+5001)*1.00+4107*0.50+6108*0.60
22193 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+6101*0.60
22194 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+6102*0.60
22195 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+6103*0.60
22196 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+6104*0.60
22197 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+6105*0.60
22198 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+6106*0.60
22199 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+6107*0.60
22200 (C)	dead	(9002+4007+5002)*1.00+4107*0.50+6108*0.60
22201 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+6101*0.60
22202 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+6102*0.60
22203 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+6103*0.60

Combinations	Case nature	Definition
22204 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+6104*0.60
22205 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+6105*0.60
22206 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+6106*0.60
22207 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+6107*0.60
22208 (C)	dead	(9002+4007+5003)*1.00+4107*0.50+6108*0.60
22209 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+6101*0.60
22210 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+6102*0.60
22211 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+6103*0.60
22212 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+6104*0.60
22213 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+6105*0.60
22214 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+6106*0.60
22215 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+6107*0.60
22216 (C)	dead	(9002+4007+5004)*1.00+4107*0.50+6108*0.60
22217 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+6101*0.60
22218 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+6102*0.60
22219 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+6103*0.60
22220 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+6104*0.60
22221 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+6105*0.60
22222 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+6106*0.60
22223 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+6107*0.60
22224 (C)	dead	(9002+4007+5005)*1.00+4107*0.50+6108*0.60
22225 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+6101*0.60
22226 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+6102*0.60
22227 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+6103*0.60
22228 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+6104*0.60
22229 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+6105*0.60
22230 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+6106*0.60
22231 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+6107*0.60
22232 (C)	dead	(9002+4007+5006)*1.00+4107*0.50+6108*0.60
22233 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+6101*0.60
22234 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+6102*0.60
22235 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+6103*0.60
22236 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+6104*0.60
22237 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+6105*0.60
22238 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+6106*0.60
22239 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+6107*0.60
22240 (C)	dead	(9002+4007+5007)*1.00+4107*0.50+6108*0.60
22241 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+6101*0.60
22242 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+6102*0.60
22243 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+6103*0.60
22244 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+6104*0.60
22245 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+6105*0.60
22246 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+6106*0.60
22247 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+6107*0.60
22248 (C)	dead	(9002+4008+5001)*1.00+4108*0.50+6108*0.60
22249 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+6101*0.60
22250 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+6102*0.60
22251 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+6103*0.60
22252 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+6104*0.60
22253 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+6105*0.60
22254 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+6106*0.60
22255 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
22256 (C)	dead	(9002+4008+5002)*1.00+4108*0.50+6108*0.60
22257 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+6101*0.60
22258 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+6102*0.60
22259 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+6103*0.60
22260 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+6104*0.60
22261 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+6105*0.60
22262 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+6106*0.60
22263 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+6107*0.60
22264 (C)	dead	(9002+4008+5003)*1.00+4108*0.50+6108*0.60
22265 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+6101*0.60
22266 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+6102*0.60
22267 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+6103*0.60
22268 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+6104*0.60
22269 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+6105*0.60
22270 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+6106*0.60
22271 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+6107*0.60
22272 (C)	dead	(9002+4008+5004)*1.00+4108*0.50+6108*0.60
22273 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+6101*0.60
22274 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+6102*0.60
22275 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+6103*0.60
22276 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+6104*0.60
22277 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+6105*0.60
22278 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+6106*0.60
22279 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+6107*0.60
22280 (C)	dead	(9002+4008+5005)*1.00+4108*0.50+6108*0.60
22281 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+6101*0.60
22282 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+6102*0.60
22283 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+6103*0.60
22284 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+6104*0.60
22285 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+6105*0.60
22286 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+6106*0.60
22287 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+6107*0.60
22288 (C)	dead	(9002+4008+5006)*1.00+4108*0.50+6108*0.60
22289 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+6101*0.60
22290 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+6102*0.60
22291 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+6103*0.60
22292 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+6104*0.60
22293 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+6105*0.60
22294 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+6106*0.60
22295 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+6107*0.60
22296 (C)	dead	(9002+4008+5007)*1.00+4108*0.50+6108*0.60
22297 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+6101*0.60
22298 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+6102*0.60
22299 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+6103*0.60
22300 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+6104*0.60
22301 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+6105*0.60
22302 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+6106*0.60
22303 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+6107*0.60
22304 (C)	dead	(9002+4009+5001)*1.00+4109*0.50+6108*0.60
22305 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+6101*0.60
22306 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+6102*0.60
22307 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+6103*0.60

Combinations	Case nature	Definition
22308 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+6104*0.60
22309 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+6105*0.60
22310 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+6106*0.60
22311 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+6107*0.60
22312 (C)	dead	(9002+4009+5002)*1.00+4109*0.50+6108*0.60
22313 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+6101*0.60
22314 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+6102*0.60
22315 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+6103*0.60
22316 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+6104*0.60
22317 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+6105*0.60
22318 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+6106*0.60
22319 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+6107*0.60
22320 (C)	dead	(9002+4009+5003)*1.00+4109*0.50+6108*0.60
22321 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+6101*0.60
22322 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+6102*0.60
22323 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+6103*0.60
22324 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+6104*0.60
22325 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+6105*0.60
22326 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+6106*0.60
22327 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+6107*0.60
22328 (C)	dead	(9002+4009+5004)*1.00+4109*0.50+6108*0.60
22329 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+6101*0.60
22330 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+6102*0.60
22331 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+6103*0.60
22332 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+6104*0.60
22333 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+6105*0.60
22334 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+6106*0.60
22335 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+6107*0.60
22336 (C)	dead	(9002+4009+5005)*1.00+4109*0.50+6108*0.60
22337 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+6101*0.60
22338 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+6102*0.60
22339 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+6103*0.60
22340 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+6104*0.60
22341 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+6105*0.60
22342 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+6106*0.60
22343 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+6107*0.60
22344 (C)	dead	(9002+4009+5006)*1.00+4109*0.50+6108*0.60
22345 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+6101*0.60
22346 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+6102*0.60
22347 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+6103*0.60
22348 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+6104*0.60
22349 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+6105*0.60
22350 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+6106*0.60
22351 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+6107*0.60
22352 (C)	dead	(9002+4009+5007)*1.00+4109*0.50+6108*0.60
22353 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+6101*0.60
22354 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+6102*0.60
22355 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+6103*0.60
22356 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+6104*0.60
22357 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+6105*0.60
22358 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+6106*0.60
22359 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
22360 (C)	dead	(9002+4010+5001)*1.00+4110*0.50+6108*0.60
22361 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+6101*0.60
22362 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+6102*0.60
22363 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+6103*0.60
22364 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+6104*0.60
22365 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+6105*0.60
22366 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+6106*0.60
22367 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+6107*0.60
22368 (C)	dead	(9002+4010+5002)*1.00+4110*0.50+6108*0.60
22369 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+6101*0.60
22370 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+6102*0.60
22371 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+6103*0.60
22372 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+6104*0.60
22373 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+6105*0.60
22374 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+6106*0.60
22375 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+6107*0.60
22376 (C)	dead	(9002+4010+5003)*1.00+4110*0.50+6108*0.60
22377 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+6101*0.60
22378 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+6102*0.60
22379 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+6103*0.60
22380 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+6104*0.60
22381 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+6105*0.60
22382 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+6106*0.60
22383 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+6107*0.60
22384 (C)	dead	(9002+4010+5004)*1.00+4110*0.50+6108*0.60
22385 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+6101*0.60
22386 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+6102*0.60
22387 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+6103*0.60
22388 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+6104*0.60
22389 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+6105*0.60
22390 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+6106*0.60
22391 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+6107*0.60
22392 (C)	dead	(9002+4010+5005)*1.00+4110*0.50+6108*0.60
22393 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+6101*0.60
22394 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+6102*0.60
22395 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+6103*0.60
22396 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+6104*0.60
22397 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+6105*0.60
22398 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+6106*0.60
22399 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+6107*0.60
22400 (C)	dead	(9002+4010+5006)*1.00+4110*0.50+6108*0.60
22401 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+6101*0.60
22402 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+6102*0.60
22403 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+6103*0.60
22404 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+6104*0.60
22405 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+6105*0.60
22406 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+6106*0.60
22407 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+6107*0.60
22408 (C)	dead	(9002+4010+5007)*1.00+4110*0.50+6108*0.60
22409 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+6101*0.60
22410 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+6102*0.60
22411 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+6103*0.60

Combinations	Case nature	Definition
22412 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+6104*0.60
22413 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+6105*0.60
22414 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+6106*0.60
22415 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+6107*0.60
22416 (C)	dead	(9002+4011+5001)*1.00+4111*0.50+6108*0.60
22417 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+6101*0.60
22418 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+6102*0.60
22419 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+6103*0.60
22420 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+6104*0.60
22421 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+6105*0.60
22422 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+6106*0.60
22423 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+6107*0.60
22424 (C)	dead	(9002+4011+5002)*1.00+4111*0.50+6108*0.60
22425 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+6101*0.60
22426 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+6102*0.60
22427 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+6103*0.60
22428 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+6104*0.60
22429 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+6105*0.60
22430 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+6106*0.60
22431 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+6107*0.60
22432 (C)	dead	(9002+4011+5003)*1.00+4111*0.50+6108*0.60
22433 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+6101*0.60
22434 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+6102*0.60
22435 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+6103*0.60
22436 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+6104*0.60
22437 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+6105*0.60
22438 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+6106*0.60
22439 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+6107*0.60
22440 (C)	dead	(9002+4011+5004)*1.00+4111*0.50+6108*0.60
22441 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+6101*0.60
22442 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+6102*0.60
22443 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+6103*0.60
22444 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+6104*0.60
22445 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+6105*0.60
22446 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+6106*0.60
22447 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+6107*0.60
22448 (C)	dead	(9002+4011+5005)*1.00+4111*0.50+6108*0.60
22449 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+6101*0.60
22450 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+6102*0.60
22451 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+6103*0.60
22452 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+6104*0.60
22453 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+6105*0.60
22454 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+6106*0.60
22455 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+6107*0.60
22456 (C)	dead	(9002+4011+5006)*1.00+4111*0.50+6108*0.60
22457 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+6101*0.60
22458 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+6102*0.60
22459 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+6103*0.60
22460 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+6104*0.60
22461 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+6105*0.60
22462 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+6106*0.60
22463 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+6107*0.60

Combinations	Case nature	Definition
22464 (C)	dead	(9002+4011+5007)*1.00+4111*0.50+6108*0.60
22465 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+6101*0.60
22466 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+6102*0.60
22467 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+6103*0.60
22468 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+6104*0.60
22469 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+6105*0.60
22470 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+6106*0.60
22471 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+6107*0.60
22472 (C)	dead	(9002+4012+5001)*1.00+4112*0.50+6108*0.60
22473 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+6101*0.60
22474 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+6102*0.60
22475 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+6103*0.60
22476 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+6104*0.60
22477 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+6105*0.60
22478 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+6106*0.60
22479 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+6107*0.60
22480 (C)	dead	(9002+4012+5002)*1.00+4112*0.50+6108*0.60
22481 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+6101*0.60
22482 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+6102*0.60
22483 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+6103*0.60
22484 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+6104*0.60
22485 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+6105*0.60
22486 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+6106*0.60
22487 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+6107*0.60
22488 (C)	dead	(9002+4012+5003)*1.00+4112*0.50+6108*0.60
22489 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+6101*0.60
22490 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+6102*0.60
22491 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+6103*0.60
22492 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+6104*0.60
22493 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+6105*0.60
22494 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+6106*0.60
22495 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+6107*0.60
22496 (C)	dead	(9002+4012+5004)*1.00+4112*0.50+6108*0.60
22497 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+6101*0.60
22498 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+6102*0.60
22499 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+6103*0.60
22500 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+6104*0.60
22501 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+6105*0.60
22502 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+6106*0.60
22503 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+6107*0.60
22504 (C)	dead	(9002+4012+5005)*1.00+4112*0.50+6108*0.60
22505 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+6101*0.60
22506 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+6102*0.60
22507 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+6103*0.60
22508 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+6104*0.60
22509 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+6105*0.60
22510 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+6106*0.60
22511 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+6107*0.60
22512 (C)	dead	(9002+4012+5006)*1.00+4112*0.50+6108*0.60
22513 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+6101*0.60
22514 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+6102*0.60
22515 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+6103*0.60

Combinations	Case nature	Definition
22516 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+6104*0.60
22517 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+6105*0.60
22518 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+6106*0.60
22519 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+6107*0.60
22520 (C)	dead	(9002+4012+5007)*1.00+4112*0.50+6108*0.60
22521 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+6101*0.60
22522 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+6102*0.60
22523 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+6103*0.60
22524 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+6104*0.60
22525 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+6105*0.60
22526 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+6106*0.60
22527 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+6107*0.60
22528 (C)	dead	(9002+4013+5001)*1.00+4113*0.50+6108*0.60
22529 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+6101*0.60
22530 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+6102*0.60
22531 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+6103*0.60
22532 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+6104*0.60
22533 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+6105*0.60
22534 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+6106*0.60
22535 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+6107*0.60
22536 (C)	dead	(9002+4013+5002)*1.00+4113*0.50+6108*0.60
22537 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+6101*0.60
22538 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+6102*0.60
22539 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+6103*0.60
22540 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+6104*0.60
22541 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+6105*0.60
22542 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+6106*0.60
22543 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+6107*0.60
22544 (C)	dead	(9002+4013+5003)*1.00+4113*0.50+6108*0.60
22545 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+6101*0.60
22546 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+6102*0.60
22547 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+6103*0.60
22548 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+6104*0.60
22549 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+6105*0.60
22550 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+6106*0.60
22551 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+6107*0.60
22552 (C)	dead	(9002+4013+5004)*1.00+4113*0.50+6108*0.60
22553 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+6101*0.60
22554 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+6102*0.60
22555 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+6103*0.60
22556 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+6104*0.60
22557 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+6105*0.60
22558 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+6106*0.60
22559 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+6107*0.60
22560 (C)	dead	(9002+4013+5005)*1.00+4113*0.50+6108*0.60
22561 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+6101*0.60
22562 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+6102*0.60
22563 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+6103*0.60
22564 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+6104*0.60
22565 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+6105*0.60
22566 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+6106*0.60
22567 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+6107*0.60

Combinations	Case nature	Definition
22568 (C)	dead	(9002+4013+5006)*1.00+4113*0.50+6108*0.60
22569 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+6101*0.60
22570 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+6102*0.60
22571 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+6103*0.60
22572 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+6104*0.60
22573 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+6105*0.60
22574 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+6106*0.60
22575 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+6107*0.60
22576 (C)	dead	(9002+4013+5007)*1.00+4113*0.50+6108*0.60
22577 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+6101*0.60
22578 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+6102*0.60
22579 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+6103*0.60
22580 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+6104*0.60
22581 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+6105*0.60
22582 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+6106*0.60
22583 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+6107*0.60
22584 (C)	dead	(9002+4014+5001)*1.00+4114*0.50+6108*0.60
22585 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+6101*0.60
22586 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+6102*0.60
22587 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+6103*0.60
22588 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+6104*0.60
22589 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+6105*0.60
22590 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+6106*0.60
22591 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+6107*0.60
22592 (C)	dead	(9002+4014+5002)*1.00+4114*0.50+6108*0.60
22593 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+6101*0.60
22594 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+6102*0.60
22595 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+6103*0.60
22596 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+6104*0.60
22597 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+6105*0.60
22598 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+6106*0.60
22599 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+6107*0.60
22600 (C)	dead	(9002+4014+5003)*1.00+4114*0.50+6108*0.60
22601 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+6101*0.60
22602 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+6102*0.60
22603 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+6103*0.60
22604 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+6104*0.60
22605 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+6105*0.60
22606 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+6106*0.60
22607 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+6107*0.60
22608 (C)	dead	(9002+4014+5004)*1.00+4114*0.50+6108*0.60
22609 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+6101*0.60
22610 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+6102*0.60
22611 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+6103*0.60
22612 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+6104*0.60
22613 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+6105*0.60
22614 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+6106*0.60
22615 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+6107*0.60
22616 (C)	dead	(9002+4014+5005)*1.00+4114*0.50+6108*0.60
22617 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+6101*0.60
22618 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+6102*0.60
22619 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+6103*0.60

Combinations	Case nature	Definition
22620 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+6104*0.60
22621 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+6105*0.60
22622 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+6106*0.60
22623 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+6107*0.60
22624 (C)	dead	(9002+4014+5006)*1.00+4114*0.50+6108*0.60
22625 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+6101*0.60
22626 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+6102*0.60
22627 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+6103*0.60
22628 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+6104*0.60
22629 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+6105*0.60
22630 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+6106*0.60
22631 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+6107*0.60
22632 (C)	dead	(9002+4014+5007)*1.00+4114*0.50+6108*0.60
22633 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+6101*0.60
22634 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+6102*0.60
22635 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+6103*0.60
22636 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+6104*0.60
22637 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+6105*0.60
22638 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+6106*0.60
22639 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+6107*0.60
22640 (C)	dead	(9002+4015+5001)*1.00+4115*0.50+6108*0.60
22641 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+6101*0.60
22642 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+6102*0.60
22643 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+6103*0.60
22644 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+6104*0.60
22645 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+6105*0.60
22646 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+6106*0.60
22647 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+6107*0.60
22648 (C)	dead	(9002+4015+5002)*1.00+4115*0.50+6108*0.60
22649 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+6101*0.60
22650 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+6102*0.60
22651 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+6103*0.60
22652 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+6104*0.60
22653 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+6105*0.60
22654 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+6106*0.60
22655 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+6107*0.60
22656 (C)	dead	(9002+4015+5003)*1.00+4115*0.50+6108*0.60
22657 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+6101*0.60
22658 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+6102*0.60
22659 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+6103*0.60
22660 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+6104*0.60
22661 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+6105*0.60
22662 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+6106*0.60
22663 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+6107*0.60
22664 (C)	dead	(9002+4015+5004)*1.00+4115*0.50+6108*0.60
22665 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+6101*0.60
22666 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+6102*0.60
22667 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+6103*0.60
22668 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+6104*0.60
22669 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+6105*0.60
22670 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+6106*0.60
22671 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
22672 (C)	dead	(9002+4015+5005)*1.00+4115*0.50+6108*0.60
22673 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+6101*0.60
22674 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+6102*0.60
22675 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+6103*0.60
22676 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+6104*0.60
22677 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+6105*0.60
22678 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+6106*0.60
22679 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+6107*0.60
22680 (C)	dead	(9002+4015+5006)*1.00+4115*0.50+6108*0.60
22681 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+6101*0.60
22682 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+6102*0.60
22683 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+6103*0.60
22684 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+6104*0.60
22685 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+6105*0.60
22686 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+6106*0.60
22687 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+6107*0.60
22688 (C)	dead	(9002+4015+5007)*1.00+4115*0.50+6108*0.60
22689 (C)	dead	(9001+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6101*0.60
22690 (C)	dead	(9001+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6102*0.60
22691 (C)	dead	(9001+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6103*0.60
22692 (C)	dead	(9001+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6104*0.60
22693 (C)	dead	(9001+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6105*0.60
22694 (C)	dead	(9001+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6106*0.60
22695 (C)	dead	(9001+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6107*0.60
22696 (C)	dead	(9001+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6108*0.60
22697 (C)	dead	(9001+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6101*0.60
22698 (C)	dead	(9001+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6102*0.60
22699 (C)	dead	(9001+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6103*0.60
22700 (C)	dead	(9001+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6104*0.60
22701 (C)	dead	(9001+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6105*0.60
22702 (C)	dead	(9001+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6106*0.60
22703 (C)	dead	(9001+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6107*0.60
22704 (C)	dead	(9001+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6108*0.60
22705 (C)	dead	(9001+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6101*0.60
22706 (C)	dead	(9001+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6102*0.60
22707 (C)	dead	(9001+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6103*0.60
22708 (C)	dead	(9001+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6104*0.60
22709 (C)	dead	(9001+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6105*0.60
22710 (C)	dead	(9001+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6106*0.60
22711 (C)	dead	(9001+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6107*0.60
22712 (C)	dead	(9001+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6108*0.60
22713 (C)	dead	(9001+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6101*0.60
22714 (C)	dead	(9001+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6102*0.60
22715 (C)	dead	(9001+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6103*0.60
22716 (C)	dead	(9001+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6104*0.60
22717 (C)	dead	(9001+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6105*0.60
22718 (C)	dead	(9001+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6106*0.60
22719 (C)	dead	(9001+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6107*0.60
22720 (C)	dead	(9001+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6108*0.60
22721 (C)	dead	(9001+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6101*0.60
22722 (C)	dead	(9001+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6102*0.60
22723 (C)	dead	(9001+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6103*0.60

Combinations	Case nature	Definition
22724 (C)	dead	(9001+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6104*0.60
22725 (C)	dead	(9001+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6105*0.60
22726 (C)	dead	(9001+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6106*0.60
22727 (C)	dead	(9001+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6107*0.60
22728 (C)	dead	(9001+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6108*0.60
22729 (C)	dead	(9001+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6101*0.60
22730 (C)	dead	(9001+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6102*0.60
22731 (C)	dead	(9001+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6103*0.60
22732 (C)	dead	(9001+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6104*0.60
22733 (C)	dead	(9001+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6105*0.60
22734 (C)	dead	(9001+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6106*0.60
22735 (C)	dead	(9001+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6107*0.60
22736 (C)	dead	(9001+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6108*0.60
22737 (C)	dead	(9001+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6101*0.60
22738 (C)	dead	(9001+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6102*0.60
22739 (C)	dead	(9001+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6103*0.60
22740 (C)	dead	(9001+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6104*0.60
22741 (C)	dead	(9001+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6105*0.60
22742 (C)	dead	(9001+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6106*0.60
22743 (C)	dead	(9001+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6107*0.60
22744 (C)	dead	(9001+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6108*0.60
22745 (C)	dead	(9001+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6101*0.60
22746 (C)	dead	(9001+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6102*0.60
22747 (C)	dead	(9001+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6103*0.60
22748 (C)	dead	(9001+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6104*0.60
22749 (C)	dead	(9001+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6105*0.60
22750 (C)	dead	(9001+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6106*0.60
22751 (C)	dead	(9001+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6107*0.60
22752 (C)	dead	(9001+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6108*0.60
22753 (C)	dead	(9001+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6101*0.60
22754 (C)	dead	(9001+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6102*0.60
22755 (C)	dead	(9001+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6103*0.60
22756 (C)	dead	(9001+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6104*0.60
22757 (C)	dead	(9001+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6105*0.60
22758 (C)	dead	(9001+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6106*0.60
22759 (C)	dead	(9001+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6107*0.60
22760 (C)	dead	(9001+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6108*0.60
22761 (C)	dead	(9001+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6101*0.60
22762 (C)	dead	(9001+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6102*0.60
22763 (C)	dead	(9001+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6103*0.60
22764 (C)	dead	(9001+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6104*0.60
22765 (C)	dead	(9001+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6105*0.60
22766 (C)	dead	(9001+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6106*0.60
22767 (C)	dead	(9001+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6107*0.60
22768 (C)	dead	(9001+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6108*0.60
22769 (C)	dead	(9001+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6101*0.60
22770 (C)	dead	(9001+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6102*0.60
22771 (C)	dead	(9001+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6103*0.60
22772 (C)	dead	(9001+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6104*0.60
22773 (C)	dead	(9001+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6105*0.60
22774 (C)	dead	(9001+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6106*0.60
22775 (C)	dead	(9001+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6107*0.60

Combinations	Case nature	Definition
22776 (C)	dead	(9001+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6108*0.60
22777 (C)	dead	(9001+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6101*0.60
22778 (C)	dead	(9001+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6102*0.60
22779 (C)	dead	(9001+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6103*0.60
22780 (C)	dead	(9001+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6104*0.60
22781 (C)	dead	(9001+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6105*0.60
22782 (C)	dead	(9001+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6106*0.60
22783 (C)	dead	(9001+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6107*0.60
22784 (C)	dead	(9001+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6108*0.60
22785 (C)	dead	(9001+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6101*0.60
22786 (C)	dead	(9001+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6102*0.60
22787 (C)	dead	(9001+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6103*0.60
22788 (C)	dead	(9001+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6104*0.60
22789 (C)	dead	(9001+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6105*0.60
22790 (C)	dead	(9001+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6106*0.60
22791 (C)	dead	(9001+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6107*0.60
22792 (C)	dead	(9001+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6108*0.60
22793 (C)	dead	(9001+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6101*0.60
22794 (C)	dead	(9001+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6102*0.60
22795 (C)	dead	(9001+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6103*0.60
22796 (C)	dead	(9001+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6104*0.60
22797 (C)	dead	(9001+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6105*0.60
22798 (C)	dead	(9001+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6106*0.60
22799 (C)	dead	(9001+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6107*0.60
22800 (C)	dead	(9001+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6108*0.60
22801 (C)	dead	(9001+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6101*0.60
22802 (C)	dead	(9001+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6102*0.60
22803 (C)	dead	(9001+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6103*0.60
22804 (C)	dead	(9001+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6104*0.60
22805 (C)	dead	(9001+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6105*0.60
22806 (C)	dead	(9001+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6106*0.60
22807 (C)	dead	(9001+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6107*0.60
22808 (C)	dead	(9001+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6108*0.60
22809 (C)	dead	(9001+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6101*0.60
22810 (C)	dead	(9001+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6102*0.60
22811 (C)	dead	(9001+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6103*0.60
22812 (C)	dead	(9001+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6104*0.60
22813 (C)	dead	(9001+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6105*0.60
22814 (C)	dead	(9001+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6106*0.60
22815 (C)	dead	(9001+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6107*0.60
22816 (C)	dead	(9001+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6108*0.60
22817 (C)	dead	(9001+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6101*0.60
22818 (C)	dead	(9001+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6102*0.60
22819 (C)	dead	(9001+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6103*0.60
22820 (C)	dead	(9001+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6104*0.60
22821 (C)	dead	(9001+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6105*0.60
22822 (C)	dead	(9001+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6106*0.60
22823 (C)	dead	(9001+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6107*0.60
22824 (C)	dead	(9001+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6108*0.60
22825 (C)	dead	(9001+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6101*0.60
22826 (C)	dead	(9001+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6102*0.60
22827 (C)	dead	(9001+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6103*0.60

Combinations	Case nature	Definition
22828 (C)	dead	(9001+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6104*0.60
22829 (C)	dead	(9001+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6105*0.60
22830 (C)	dead	(9001+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6106*0.60
22831 (C)	dead	(9001+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6107*0.60
22832 (C)	dead	(9001+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6108*0.60
22833 (C)	dead	(9001+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6101*0.60
22834 (C)	dead	(9001+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6102*0.60
22835 (C)	dead	(9001+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6103*0.60
22836 (C)	dead	(9001+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6104*0.60
22837 (C)	dead	(9001+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6105*0.60
22838 (C)	dead	(9001+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6106*0.60
22839 (C)	dead	(9001+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6107*0.60
22840 (C)	dead	(9001+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6108*0.60
22841 (C)	dead	(9001+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6101*0.60
22842 (C)	dead	(9001+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6102*0.60
22843 (C)	dead	(9001+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6103*0.60
22844 (C)	dead	(9001+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6104*0.60
22845 (C)	dead	(9001+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6105*0.60
22846 (C)	dead	(9001+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6106*0.60
22847 (C)	dead	(9001+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6107*0.60
22848 (C)	dead	(9001+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6108*0.60
22849 (C)	dead	(9001+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6101*0.60
22850 (C)	dead	(9001+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6102*0.60
22851 (C)	dead	(9001+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6103*0.60
22852 (C)	dead	(9001+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6104*0.60
22853 (C)	dead	(9001+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6105*0.60
22854 (C)	dead	(9001+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6106*0.60
22855 (C)	dead	(9001+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6107*0.60
22856 (C)	dead	(9001+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6108*0.60
22857 (C)	dead	(9001+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6101*0.60
22858 (C)	dead	(9001+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6102*0.60
22859 (C)	dead	(9001+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6103*0.60
22860 (C)	dead	(9001+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6104*0.60
22861 (C)	dead	(9001+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6105*0.60
22862 (C)	dead	(9001+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6106*0.60
22863 (C)	dead	(9001+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6107*0.60
22864 (C)	dead	(9001+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6108*0.60
22865 (C)	dead	(9001+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6101*0.60
22866 (C)	dead	(9001+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6102*0.60
22867 (C)	dead	(9001+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6103*0.60
22868 (C)	dead	(9001+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6104*0.60
22869 (C)	dead	(9001+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6105*0.60
22870 (C)	dead	(9001+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6106*0.60
22871 (C)	dead	(9001+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6107*0.60
22872 (C)	dead	(9001+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6108*0.60
22873 (C)	dead	(9001+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6101*0.60
22874 (C)	dead	(9001+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6102*0.60
22875 (C)	dead	(9001+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6103*0.60
22876 (C)	dead	(9001+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6104*0.60
22877 (C)	dead	(9001+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6105*0.60
22878 (C)	dead	(9001+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6106*0.60
22879 (C)	dead	(9001+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6107*0.60

Combinations	Case nature	Definition
22880 (C)	dead	(9001+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6108*0.60
22881 (C)	dead	(9001+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6101*0.60
22882 (C)	dead	(9001+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6102*0.60
22883 (C)	dead	(9001+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6103*0.60
22884 (C)	dead	(9001+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6104*0.60
22885 (C)	dead	(9001+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6105*0.60
22886 (C)	dead	(9001+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6106*0.60
22887 (C)	dead	(9001+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6107*0.60
22888 (C)	dead	(9001+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6108*0.60
22889 (C)	dead	(9001+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6101*0.60
22890 (C)	dead	(9001+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6102*0.60
22891 (C)	dead	(9001+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6103*0.60
22892 (C)	dead	(9001+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6104*0.60
22893 (C)	dead	(9001+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6105*0.60
22894 (C)	dead	(9001+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6106*0.60
22895 (C)	dead	(9001+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6107*0.60
22896 (C)	dead	(9001+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6108*0.60
22897 (C)	dead	(9001+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6101*0.60
22898 (C)	dead	(9001+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6102*0.60
22899 (C)	dead	(9001+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6103*0.60
22900 (C)	dead	(9001+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6104*0.60
22901 (C)	dead	(9001+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6105*0.60
22902 (C)	dead	(9001+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6106*0.60
22903 (C)	dead	(9001+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6107*0.60
22904 (C)	dead	(9001+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6108*0.60
22905 (C)	dead	(9001+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6101*0.60
22906 (C)	dead	(9001+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6102*0.60
22907 (C)	dead	(9001+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6103*0.60
22908 (C)	dead	(9001+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6104*0.60
22909 (C)	dead	(9001+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6105*0.60
22910 (C)	dead	(9001+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6106*0.60
22911 (C)	dead	(9001+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6107*0.60
22912 (C)	dead	(9001+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6108*0.60
22913 (C)	dead	(9001+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6101*0.60
22914 (C)	dead	(9001+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6102*0.60
22915 (C)	dead	(9001+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6103*0.60
22916 (C)	dead	(9001+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6104*0.60
22917 (C)	dead	(9001+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6105*0.60
22918 (C)	dead	(9001+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6106*0.60
22919 (C)	dead	(9001+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6107*0.60
22920 (C)	dead	(9001+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6108*0.60
22921 (C)	dead	(9001+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6101*0.60
22922 (C)	dead	(9001+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6102*0.60
22923 (C)	dead	(9001+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6103*0.60
22924 (C)	dead	(9001+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6104*0.60
22925 (C)	dead	(9001+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6105*0.60
22926 (C)	dead	(9001+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6106*0.60
22927 (C)	dead	(9001+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6107*0.60
22928 (C)	dead	(9001+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6108*0.60
22929 (C)	dead	(9001+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6101*0.60
22930 (C)	dead	(9001+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6102*0.60
22931 (C)	dead	(9001+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6103*0.60

Combinations	Case nature	Definition
22932 (C)	dead	(9001+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6104*0.60
22933 (C)	dead	(9001+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6105*0.60
22934 (C)	dead	(9001+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6106*0.60
22935 (C)	dead	(9001+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6107*0.60
22936 (C)	dead	(9001+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6108*0.60
22937 (C)	dead	(9001+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6101*0.60
22938 (C)	dead	(9001+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6102*0.60
22939 (C)	dead	(9001+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6103*0.60
22940 (C)	dead	(9001+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6104*0.60
22941 (C)	dead	(9001+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6105*0.60
22942 (C)	dead	(9001+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6106*0.60
22943 (C)	dead	(9001+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6107*0.60
22944 (C)	dead	(9001+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6108*0.60
22945 (C)	dead	(9001+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6101*0.60
22946 (C)	dead	(9001+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6102*0.60
22947 (C)	dead	(9001+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6103*0.60
22948 (C)	dead	(9001+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6104*0.60
22949 (C)	dead	(9001+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6105*0.60
22950 (C)	dead	(9001+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6106*0.60
22951 (C)	dead	(9001+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6107*0.60
22952 (C)	dead	(9001+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6108*0.60
22953 (C)	dead	(9001+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6101*0.60
22954 (C)	dead	(9001+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6102*0.60
22955 (C)	dead	(9001+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6103*0.60
22956 (C)	dead	(9001+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6104*0.60
22957 (C)	dead	(9001+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6105*0.60
22958 (C)	dead	(9001+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6106*0.60
22959 (C)	dead	(9001+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6107*0.60
22960 (C)	dead	(9001+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6108*0.60
22961 (C)	dead	(9001+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6101*0.60
22962 (C)	dead	(9001+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6102*0.60
22963 (C)	dead	(9001+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6103*0.60
22964 (C)	dead	(9001+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6104*0.60
22965 (C)	dead	(9001+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6105*0.60
22966 (C)	dead	(9001+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6106*0.60
22967 (C)	dead	(9001+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6107*0.60
22968 (C)	dead	(9001+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6108*0.60
22969 (C)	dead	(9001+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6101*0.60
22970 (C)	dead	(9001+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6102*0.60
22971 (C)	dead	(9001+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6103*0.60
22972 (C)	dead	(9001+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6104*0.60
22973 (C)	dead	(9001+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6105*0.60
22974 (C)	dead	(9001+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6106*0.60
22975 (C)	dead	(9001+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6107*0.60
22976 (C)	dead	(9001+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6108*0.60
22977 (C)	dead	(9001+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6101*0.60
22978 (C)	dead	(9001+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6102*0.60
22979 (C)	dead	(9001+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6103*0.60
22980 (C)	dead	(9001+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6104*0.60
22981 (C)	dead	(9001+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6105*0.60
22982 (C)	dead	(9001+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6106*0.60
22983 (C)	dead	(9001+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
22984 (C)	dead	(9001+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6108*0.60
22985 (C)	dead	(9001+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6101*0.60
22986 (C)	dead	(9001+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6102*0.60
22987 (C)	dead	(9001+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6103*0.60
22988 (C)	dead	(9001+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6104*0.60
22989 (C)	dead	(9001+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6105*0.60
22990 (C)	dead	(9001+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6106*0.60
22991 (C)	dead	(9001+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6107*0.60
22992 (C)	dead	(9001+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6108*0.60
22993 (C)	dead	(9001+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6101*0.60
22994 (C)	dead	(9001+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6102*0.60
22995 (C)	dead	(9001+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6103*0.60
22996 (C)	dead	(9001+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6104*0.60
22997 (C)	dead	(9001+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6105*0.60
22998 (C)	dead	(9001+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6106*0.60
22999 (C)	dead	(9001+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6107*0.60
23000 (C)	dead	(9001+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6108*0.60
23001 (C)	dead	(9001+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6101*0.60
23002 (C)	dead	(9001+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6102*0.60
23003 (C)	dead	(9001+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6103*0.60
23004 (C)	dead	(9001+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6104*0.60
23005 (C)	dead	(9001+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6105*0.60
23006 (C)	dead	(9001+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6106*0.60
23007 (C)	dead	(9001+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6107*0.60
23008 (C)	dead	(9001+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6108*0.60
23009 (C)	dead	(9001+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6101*0.60
23010 (C)	dead	(9001+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6102*0.60
23011 (C)	dead	(9001+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6103*0.60
23012 (C)	dead	(9001+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6104*0.60
23013 (C)	dead	(9001+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6105*0.60
23014 (C)	dead	(9001+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6106*0.60
23015 (C)	dead	(9001+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6107*0.60
23016 (C)	dead	(9001+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6108*0.60
23017 (C)	dead	(9001+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6101*0.60
23018 (C)	dead	(9001+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6102*0.60
23019 (C)	dead	(9001+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6103*0.60
23020 (C)	dead	(9001+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6104*0.60
23021 (C)	dead	(9001+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6105*0.60
23022 (C)	dead	(9001+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6106*0.60
23023 (C)	dead	(9001+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6107*0.60
23024 (C)	dead	(9001+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6108*0.60
23025 (C)	dead	(9001+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6101*0.60
23026 (C)	dead	(9001+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6102*0.60
23027 (C)	dead	(9001+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6103*0.60
23028 (C)	dead	(9001+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6104*0.60
23029 (C)	dead	(9001+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6105*0.60
23030 (C)	dead	(9001+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6106*0.60
23031 (C)	dead	(9001+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6107*0.60
23032 (C)	dead	(9001+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6108*0.60
23033 (C)	dead	(9001+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6101*0.60
23034 (C)	dead	(9001+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6102*0.60
23035 (C)	dead	(9001+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6103*0.60

Combinations	Case nature	Definition
23036 (C)	dead	(9001+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6104*0.60
23037 (C)	dead	(9001+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6105*0.60
23038 (C)	dead	(9001+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6106*0.60
23039 (C)	dead	(9001+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6107*0.60
23040 (C)	dead	(9001+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6108*0.60
23041 (C)	dead	(9001+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6101*0.60
23042 (C)	dead	(9001+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6102*0.60
23043 (C)	dead	(9001+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6103*0.60
23044 (C)	dead	(9001+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6104*0.60
23045 (C)	dead	(9001+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6105*0.60
23046 (C)	dead	(9001+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6106*0.60
23047 (C)	dead	(9001+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6107*0.60
23048 (C)	dead	(9001+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6108*0.60
23049 (C)	dead	(9001+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6101*0.60
23050 (C)	dead	(9001+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6102*0.60
23051 (C)	dead	(9001+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6103*0.60
23052 (C)	dead	(9001+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6104*0.60
23053 (C)	dead	(9001+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6105*0.60
23054 (C)	dead	(9001+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6106*0.60
23055 (C)	dead	(9001+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6107*0.60
23056 (C)	dead	(9001+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6108*0.60
23057 (C)	dead	(9001+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6101*0.60
23058 (C)	dead	(9001+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6102*0.60
23059 (C)	dead	(9001+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6103*0.60
23060 (C)	dead	(9001+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6104*0.60
23061 (C)	dead	(9001+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6105*0.60
23062 (C)	dead	(9001+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6106*0.60
23063 (C)	dead	(9001+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6107*0.60
23064 (C)	dead	(9001+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6108*0.60
23065 (C)	dead	(9001+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6101*0.60
23066 (C)	dead	(9001+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6102*0.60
23067 (C)	dead	(9001+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6103*0.60
23068 (C)	dead	(9001+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6104*0.60
23069 (C)	dead	(9001+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6105*0.60
23070 (C)	dead	(9001+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6106*0.60
23071 (C)	dead	(9001+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6107*0.60
23072 (C)	dead	(9001+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6108*0.60
23073 (C)	dead	(9001+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6101*0.60
23074 (C)	dead	(9001+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6102*0.60
23075 (C)	dead	(9001+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6103*0.60
23076 (C)	dead	(9001+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6104*0.60
23077 (C)	dead	(9001+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6105*0.60
23078 (C)	dead	(9001+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6106*0.60
23079 (C)	dead	(9001+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6107*0.60
23080 (C)	dead	(9001+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6108*0.60
23081 (C)	dead	(9001+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6101*0.60
23082 (C)	dead	(9001+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6102*0.60
23083 (C)	dead	(9001+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6103*0.60
23084 (C)	dead	(9001+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6104*0.60
23085 (C)	dead	(9001+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6105*0.60
23086 (C)	dead	(9001+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6106*0.60
23087 (C)	dead	(9001+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
23088 (C)	dead	(9001+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6108*0.60
23089 (C)	dead	(9001+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6101*0.60
23090 (C)	dead	(9001+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6102*0.60
23091 (C)	dead	(9001+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6103*0.60
23092 (C)	dead	(9001+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6104*0.60
23093 (C)	dead	(9001+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6105*0.60
23094 (C)	dead	(9001+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6106*0.60
23095 (C)	dead	(9001+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6107*0.60
23096 (C)	dead	(9001+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6108*0.60
23097 (C)	dead	(9001+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6101*0.60
23098 (C)	dead	(9001+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6102*0.60
23099 (C)	dead	(9001+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6103*0.60
23100 (C)	dead	(9001+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6104*0.60
23101 (C)	dead	(9001+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6105*0.60
23102 (C)	dead	(9001+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6106*0.60
23103 (C)	dead	(9001+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6107*0.60
23104 (C)	dead	(9001+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6108*0.60
23105 (C)	dead	(9001+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6101*0.60
23106 (C)	dead	(9001+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6102*0.60
23107 (C)	dead	(9001+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6103*0.60
23108 (C)	dead	(9001+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6104*0.60
23109 (C)	dead	(9001+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6105*0.60
23110 (C)	dead	(9001+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6106*0.60
23111 (C)	dead	(9001+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6107*0.60
23112 (C)	dead	(9001+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6108*0.60
23113 (C)	dead	(9001+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6101*0.60
23114 (C)	dead	(9001+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6102*0.60
23115 (C)	dead	(9001+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6103*0.60
23116 (C)	dead	(9001+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6104*0.60
23117 (C)	dead	(9001+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6105*0.60
23118 (C)	dead	(9001+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6106*0.60
23119 (C)	dead	(9001+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6107*0.60
23120 (C)	dead	(9001+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6108*0.60
23121 (C)	dead	(9001+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6101*0.60
23122 (C)	dead	(9001+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6102*0.60
23123 (C)	dead	(9001+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6103*0.60
23124 (C)	dead	(9001+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6104*0.60
23125 (C)	dead	(9001+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6105*0.60
23126 (C)	dead	(9001+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6106*0.60
23127 (C)	dead	(9001+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6107*0.60
23128 (C)	dead	(9001+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6108*0.60
23129 (C)	dead	(9001+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6101*0.60
23130 (C)	dead	(9001+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6102*0.60
23131 (C)	dead	(9001+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6103*0.60
23132 (C)	dead	(9001+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6104*0.60
23133 (C)	dead	(9001+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6105*0.60
23134 (C)	dead	(9001+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6106*0.60
23135 (C)	dead	(9001+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6107*0.60
23136 (C)	dead	(9001+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6108*0.60
23137 (C)	dead	(9001+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6101*0.60
23138 (C)	dead	(9001+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6102*0.60
23139 (C)	dead	(9001+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6103*0.60

Combinations	Case nature	Definition
23140 (C)	dead	(9001+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6104*0.60
23141 (C)	dead	(9001+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6105*0.60
23142 (C)	dead	(9001+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6106*0.60
23143 (C)	dead	(9001+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6107*0.60
23144 (C)	dead	(9001+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6108*0.60
23145 (C)	dead	(9001+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6101*0.60
23146 (C)	dead	(9001+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6102*0.60
23147 (C)	dead	(9001+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6103*0.60
23148 (C)	dead	(9001+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6104*0.60
23149 (C)	dead	(9001+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6105*0.60
23150 (C)	dead	(9001+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6106*0.60
23151 (C)	dead	(9001+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6107*0.60
23152 (C)	dead	(9001+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6108*0.60
23153 (C)	dead	(9001+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6101*0.60
23154 (C)	dead	(9001+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6102*0.60
23155 (C)	dead	(9001+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6103*0.60
23156 (C)	dead	(9001+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6104*0.60
23157 (C)	dead	(9001+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6105*0.60
23158 (C)	dead	(9001+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6106*0.60
23159 (C)	dead	(9001+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6107*0.60
23160 (C)	dead	(9001+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6108*0.60
23161 (C)	dead	(9001+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6101*0.60
23162 (C)	dead	(9001+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6102*0.60
23163 (C)	dead	(9001+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6103*0.60
23164 (C)	dead	(9001+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6104*0.60
23165 (C)	dead	(9001+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6105*0.60
23166 (C)	dead	(9001+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6106*0.60
23167 (C)	dead	(9001+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6107*0.60
23168 (C)	dead	(9001+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6108*0.60
23169 (C)	dead	(9001+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6101*0.60
23170 (C)	dead	(9001+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6102*0.60
23171 (C)	dead	(9001+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6103*0.60
23172 (C)	dead	(9001+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6104*0.60
23173 (C)	dead	(9001+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6105*0.60
23174 (C)	dead	(9001+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6106*0.60
23175 (C)	dead	(9001+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6107*0.60
23176 (C)	dead	(9001+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6108*0.60
23177 (C)	dead	(9001+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6101*0.60
23178 (C)	dead	(9001+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6102*0.60
23179 (C)	dead	(9001+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6103*0.60
23180 (C)	dead	(9001+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6104*0.60
23181 (C)	dead	(9001+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6105*0.60
23182 (C)	dead	(9001+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6106*0.60
23183 (C)	dead	(9001+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6107*0.60
23184 (C)	dead	(9001+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6108*0.60
23185 (C)	dead	(9001+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6101*0.60
23186 (C)	dead	(9001+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6102*0.60
23187 (C)	dead	(9001+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6103*0.60
23188 (C)	dead	(9001+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6104*0.60
23189 (C)	dead	(9001+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6105*0.60
23190 (C)	dead	(9001+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6106*0.60
23191 (C)	dead	(9001+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6107*0.60

Combinations	Case nature	Definition
23192 (C)	dead	(9001+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6108*0.60
23193 (C)	dead	(9001+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6101*0.60
23194 (C)	dead	(9001+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6102*0.60
23195 (C)	dead	(9001+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6103*0.60
23196 (C)	dead	(9001+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6104*0.60
23197 (C)	dead	(9001+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6105*0.60
23198 (C)	dead	(9001+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6106*0.60
23199 (C)	dead	(9001+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6107*0.60
23200 (C)	dead	(9001+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6108*0.60
23201 (C)	dead	(9001+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6101*0.60
23202 (C)	dead	(9001+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6102*0.60
23203 (C)	dead	(9001+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6103*0.60
23204 (C)	dead	(9001+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6104*0.60
23205 (C)	dead	(9001+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6105*0.60
23206 (C)	dead	(9001+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6106*0.60
23207 (C)	dead	(9001+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6107*0.60
23208 (C)	dead	(9001+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6108*0.60
23209 (C)	dead	(9001+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6101*0.60
23210 (C)	dead	(9001+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6102*0.60
23211 (C)	dead	(9001+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6103*0.60
23212 (C)	dead	(9001+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6104*0.60
23213 (C)	dead	(9001+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6105*0.60
23214 (C)	dead	(9001+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6106*0.60
23215 (C)	dead	(9001+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6107*0.60
23216 (C)	dead	(9001+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6108*0.60
23217 (C)	dead	(9001+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6101*0.60
23218 (C)	dead	(9001+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6102*0.60
23219 (C)	dead	(9001+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6103*0.60
23220 (C)	dead	(9001+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6104*0.60
23221 (C)	dead	(9001+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6105*0.60
23222 (C)	dead	(9001+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6106*0.60
23223 (C)	dead	(9001+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6107*0.60
23224 (C)	dead	(9001+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6108*0.60
23225 (C)	dead	(9001+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6101*0.60
23226 (C)	dead	(9001+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6102*0.60
23227 (C)	dead	(9001+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6103*0.60
23228 (C)	dead	(9001+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6104*0.60
23229 (C)	dead	(9001+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6105*0.60
23230 (C)	dead	(9001+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6106*0.60
23231 (C)	dead	(9001+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6107*0.60
23232 (C)	dead	(9001+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6108*0.60
23233 (C)	dead	(9001+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6101*0.60
23234 (C)	dead	(9001+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6102*0.60
23235 (C)	dead	(9001+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6103*0.60
23236 (C)	dead	(9001+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6104*0.60
23237 (C)	dead	(9001+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6105*0.60
23238 (C)	dead	(9001+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6106*0.60
23239 (C)	dead	(9001+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6107*0.60
23240 (C)	dead	(9001+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6108*0.60
23241 (C)	dead	(9001+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6101*0.60
23242 (C)	dead	(9001+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6102*0.60
23243 (C)	dead	(9001+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6103*0.60

Combinations	Case nature	Definition
23244 (C)	dead	(9001+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6104*0.60
23245 (C)	dead	(9001+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6105*0.60
23246 (C)	dead	(9001+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6106*0.60
23247 (C)	dead	(9001+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6107*0.60
23248 (C)	dead	(9001+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6108*0.60
23249 (C)	dead	(9001+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6101*0.60
23250 (C)	dead	(9001+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6102*0.60
23251 (C)	dead	(9001+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6103*0.60
23252 (C)	dead	(9001+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6104*0.60
23253 (C)	dead	(9001+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6105*0.60
23254 (C)	dead	(9001+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6106*0.60
23255 (C)	dead	(9001+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6107*0.60
23256 (C)	dead	(9001+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6108*0.60
23257 (C)	dead	(9001+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6101*0.60
23258 (C)	dead	(9001+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6102*0.60
23259 (C)	dead	(9001+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6103*0.60
23260 (C)	dead	(9001+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6104*0.60
23261 (C)	dead	(9001+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6105*0.60
23262 (C)	dead	(9001+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6106*0.60
23263 (C)	dead	(9001+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6107*0.60
23264 (C)	dead	(9001+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6108*0.60
23265 (C)	dead	(9001+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6101*0.60
23266 (C)	dead	(9001+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6102*0.60
23267 (C)	dead	(9001+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6103*0.60
23268 (C)	dead	(9001+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6104*0.60
23269 (C)	dead	(9001+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6105*0.60
23270 (C)	dead	(9001+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6106*0.60
23271 (C)	dead	(9001+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6107*0.60
23272 (C)	dead	(9001+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6108*0.60
23273 (C)	dead	(9001+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6101*0.60
23274 (C)	dead	(9001+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6102*0.60
23275 (C)	dead	(9001+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6103*0.60
23276 (C)	dead	(9001+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6104*0.60
23277 (C)	dead	(9001+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6105*0.60
23278 (C)	dead	(9001+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6106*0.60
23279 (C)	dead	(9001+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6107*0.60
23280 (C)	dead	(9001+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6108*0.60
23281 (C)	dead	(9001+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6101*0.60
23282 (C)	dead	(9001+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6102*0.60
23283 (C)	dead	(9001+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6103*0.60
23284 (C)	dead	(9001+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6104*0.60
23285 (C)	dead	(9001+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6105*0.60
23286 (C)	dead	(9001+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6106*0.60
23287 (C)	dead	(9001+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6107*0.60
23288 (C)	dead	(9001+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6108*0.60
23289 (C)	dead	(9001+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6101*0.60
23290 (C)	dead	(9001+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6102*0.60
23291 (C)	dead	(9001+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6103*0.60
23292 (C)	dead	(9001+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6104*0.60
23293 (C)	dead	(9001+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6105*0.60
23294 (C)	dead	(9001+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6106*0.60
23295 (C)	dead	(9001+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6107*0.60

Combinations	Case nature	Definition
23296 (C)	dead	(9001+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6108*0.60
23297 (C)	dead	(9001+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6101*0.60
23298 (C)	dead	(9001+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6102*0.60
23299 (C)	dead	(9001+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6103*0.60
23300 (C)	dead	(9001+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6104*0.60
23301 (C)	dead	(9001+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6105*0.60
23302 (C)	dead	(9001+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6106*0.60
23303 (C)	dead	(9001+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6107*0.60
23304 (C)	dead	(9001+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6108*0.60
23305 (C)	dead	(9001+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6101*0.60
23306 (C)	dead	(9001+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6102*0.60
23307 (C)	dead	(9001+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6103*0.60
23308 (C)	dead	(9001+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6104*0.60
23309 (C)	dead	(9001+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6105*0.60
23310 (C)	dead	(9001+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6106*0.60
23311 (C)	dead	(9001+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6107*0.60
23312 (C)	dead	(9001+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6108*0.60
23313 (C)	dead	(9001+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6101*0.60
23314 (C)	dead	(9001+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6102*0.60
23315 (C)	dead	(9001+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6103*0.60
23316 (C)	dead	(9001+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6104*0.60
23317 (C)	dead	(9001+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6105*0.60
23318 (C)	dead	(9001+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6106*0.60
23319 (C)	dead	(9001+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6107*0.60
23320 (C)	dead	(9001+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6108*0.60
23321 (C)	dead	(9001+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6101*0.60
23322 (C)	dead	(9001+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6102*0.60
23323 (C)	dead	(9001+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6103*0.60
23324 (C)	dead	(9001+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6104*0.60
23325 (C)	dead	(9001+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6105*0.60
23326 (C)	dead	(9001+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6106*0.60
23327 (C)	dead	(9001+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6107*0.60
23328 (C)	dead	(9001+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6108*0.60
23329 (C)	dead	(9001+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6101*0.60
23330 (C)	dead	(9001+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6102*0.60
23331 (C)	dead	(9001+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6103*0.60
23332 (C)	dead	(9001+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6104*0.60
23333 (C)	dead	(9001+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6105*0.60
23334 (C)	dead	(9001+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6106*0.60
23335 (C)	dead	(9001+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6107*0.60
23336 (C)	dead	(9001+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6108*0.60
23337 (C)	dead	(9001+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6101*0.60
23338 (C)	dead	(9001+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6102*0.60
23339 (C)	dead	(9001+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6103*0.60
23340 (C)	dead	(9001+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6104*0.60
23341 (C)	dead	(9001+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6105*0.60
23342 (C)	dead	(9001+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6106*0.60
23343 (C)	dead	(9001+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6107*0.60
23344 (C)	dead	(9001+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6108*0.60
23345 (C)	dead	(9001+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6101*0.60
23346 (C)	dead	(9001+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6102*0.60
23347 (C)	dead	(9001+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6103*0.60

Combinations	Case nature	Definition
23348 (C)	dead	(9001+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6104*0.60
23349 (C)	dead	(9001+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6105*0.60
23350 (C)	dead	(9001+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6106*0.60
23351 (C)	dead	(9001+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6107*0.60
23352 (C)	dead	(9001+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6108*0.60
23353 (C)	dead	(9001+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6101*0.60
23354 (C)	dead	(9001+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6102*0.60
23355 (C)	dead	(9001+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6103*0.60
23356 (C)	dead	(9001+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6104*0.60
23357 (C)	dead	(9001+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6105*0.60
23358 (C)	dead	(9001+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6106*0.60
23359 (C)	dead	(9001+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6107*0.60
23360 (C)	dead	(9001+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6108*0.60
23361 (C)	dead	(9001+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6101*0.60
23362 (C)	dead	(9001+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6102*0.60
23363 (C)	dead	(9001+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6103*0.60
23364 (C)	dead	(9001+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6104*0.60
23365 (C)	dead	(9001+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6105*0.60
23366 (C)	dead	(9001+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6106*0.60
23367 (C)	dead	(9001+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6107*0.60
23368 (C)	dead	(9001+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6108*0.60
23369 (C)	dead	(9001+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6101*0.60
23370 (C)	dead	(9001+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6102*0.60
23371 (C)	dead	(9001+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6103*0.60
23372 (C)	dead	(9001+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6104*0.60
23373 (C)	dead	(9001+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6105*0.60
23374 (C)	dead	(9001+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6106*0.60
23375 (C)	dead	(9001+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6107*0.60
23376 (C)	dead	(9001+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6108*0.60
23377 (C)	dead	(9001+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6101*0.60
23378 (C)	dead	(9001+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6102*0.60
23379 (C)	dead	(9001+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6103*0.60
23380 (C)	dead	(9001+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6104*0.60
23381 (C)	dead	(9001+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6105*0.60
23382 (C)	dead	(9001+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6106*0.60
23383 (C)	dead	(9001+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6107*0.60
23384 (C)	dead	(9001+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6108*0.60
23385 (C)	dead	(9001+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6101*0.60
23386 (C)	dead	(9001+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6102*0.60
23387 (C)	dead	(9001+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6103*0.60
23388 (C)	dead	(9001+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6104*0.60
23389 (C)	dead	(9001+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6105*0.60
23390 (C)	dead	(9001+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6106*0.60
23391 (C)	dead	(9001+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6107*0.60
23392 (C)	dead	(9001+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6108*0.60
23393 (C)	dead	(9001+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6101*0.60
23394 (C)	dead	(9001+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6102*0.60
23395 (C)	dead	(9001+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6103*0.60
23396 (C)	dead	(9001+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6104*0.60
23397 (C)	dead	(9001+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6105*0.60
23398 (C)	dead	(9001+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6106*0.60
23399 (C)	dead	(9001+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6107*0.60

Combinations	Case nature	Definition
23400 (C)	dead	(9001+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6108*0.60
23401 (C)	dead	(9001+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6101*0.60
23402 (C)	dead	(9001+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6102*0.60
23403 (C)	dead	(9001+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6103*0.60
23404 (C)	dead	(9001+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6104*0.60
23405 (C)	dead	(9001+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6105*0.60
23406 (C)	dead	(9001+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6106*0.60
23407 (C)	dead	(9001+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6107*0.60
23408 (C)	dead	(9001+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6108*0.60
23409 (C)	dead	(9001+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6101*0.60
23410 (C)	dead	(9001+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6102*0.60
23411 (C)	dead	(9001+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6103*0.60
23412 (C)	dead	(9001+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6104*0.60
23413 (C)	dead	(9001+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6105*0.60
23414 (C)	dead	(9001+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6106*0.60
23415 (C)	dead	(9001+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6107*0.60
23416 (C)	dead	(9001+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6108*0.60
23417 (C)	dead	(9001+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6101*0.60
23418 (C)	dead	(9001+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6102*0.60
23419 (C)	dead	(9001+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6103*0.60
23420 (C)	dead	(9001+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6104*0.60
23421 (C)	dead	(9001+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6105*0.60
23422 (C)	dead	(9001+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6106*0.60
23423 (C)	dead	(9001+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6107*0.60
23424 (C)	dead	(9001+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6108*0.60
23425 (C)	dead	(9001+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6101*0.60
23426 (C)	dead	(9001+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6102*0.60
23427 (C)	dead	(9001+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6103*0.60
23428 (C)	dead	(9001+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6104*0.60
23429 (C)	dead	(9001+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6105*0.60
23430 (C)	dead	(9001+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6106*0.60
23431 (C)	dead	(9001+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6107*0.60
23432 (C)	dead	(9001+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6108*0.60
23433 (C)	dead	(9001+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6101*0.60
23434 (C)	dead	(9001+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6102*0.60
23435 (C)	dead	(9001+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6103*0.60
23436 (C)	dead	(9001+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6104*0.60
23437 (C)	dead	(9001+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6105*0.60
23438 (C)	dead	(9001+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6106*0.60
23439 (C)	dead	(9001+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6107*0.60
23440 (C)	dead	(9001+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6108*0.60
23441 (C)	dead	(9001+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6101*0.60
23442 (C)	dead	(9001+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6102*0.60
23443 (C)	dead	(9001+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6103*0.60
23444 (C)	dead	(9001+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6104*0.60
23445 (C)	dead	(9001+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6105*0.60
23446 (C)	dead	(9001+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6106*0.60
23447 (C)	dead	(9001+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6107*0.60
23448 (C)	dead	(9001+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6108*0.60
23449 (C)	dead	(9001+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6101*0.60
23450 (C)	dead	(9001+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6102*0.60
23451 (C)	dead	(9001+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6103*0.60

Combinations	Case nature	Definition
23452 (C)	dead	(9001+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6104*0.60
23453 (C)	dead	(9001+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6105*0.60
23454 (C)	dead	(9001+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6106*0.60
23455 (C)	dead	(9001+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6107*0.60
23456 (C)	dead	(9001+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6108*0.60
23457 (C)	dead	(9001+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6101*0.60
23458 (C)	dead	(9001+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6102*0.60
23459 (C)	dead	(9001+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6103*0.60
23460 (C)	dead	(9001+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6104*0.60
23461 (C)	dead	(9001+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6105*0.60
23462 (C)	dead	(9001+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6106*0.60
23463 (C)	dead	(9001+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6107*0.60
23464 (C)	dead	(9001+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6108*0.60
23465 (C)	dead	(9001+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6101*0.60
23466 (C)	dead	(9001+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6102*0.60
23467 (C)	dead	(9001+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6103*0.60
23468 (C)	dead	(9001+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6104*0.60
23469 (C)	dead	(9001+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6105*0.60
23470 (C)	dead	(9001+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6106*0.60
23471 (C)	dead	(9001+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6107*0.60
23472 (C)	dead	(9001+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6108*0.60
23473 (C)	dead	(9001+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6101*0.60
23474 (C)	dead	(9001+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6102*0.60
23475 (C)	dead	(9001+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6103*0.60
23476 (C)	dead	(9001+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6104*0.60
23477 (C)	dead	(9001+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6105*0.60
23478 (C)	dead	(9001+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6106*0.60
23479 (C)	dead	(9001+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6107*0.60
23480 (C)	dead	(9001+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6108*0.60
23481 (C)	dead	(9001+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6101*0.60
23482 (C)	dead	(9001+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6102*0.60
23483 (C)	dead	(9001+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6103*0.60
23484 (C)	dead	(9001+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6104*0.60
23485 (C)	dead	(9001+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6105*0.60
23486 (C)	dead	(9001+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6106*0.60
23487 (C)	dead	(9001+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6107*0.60
23488 (C)	dead	(9001+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6108*0.60
23489 (C)	dead	(9001+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6101*0.60
23490 (C)	dead	(9001+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6102*0.60
23491 (C)	dead	(9001+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6103*0.60
23492 (C)	dead	(9001+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6104*0.60
23493 (C)	dead	(9001+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6105*0.60
23494 (C)	dead	(9001+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6106*0.60
23495 (C)	dead	(9001+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6107*0.60
23496 (C)	dead	(9001+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6108*0.60
23497 (C)	dead	(9001+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6101*0.60
23498 (C)	dead	(9001+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6102*0.60
23499 (C)	dead	(9001+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6103*0.60
23500 (C)	dead	(9001+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6104*0.60
23501 (C)	dead	(9001+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6105*0.60
23502 (C)	dead	(9001+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6106*0.60
23503 (C)	dead	(9001+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
23504 (C)	dead	(9001+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6108*0.60
23505 (C)	dead	(9001+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6101*0.60
23506 (C)	dead	(9001+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6102*0.60
23507 (C)	dead	(9001+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6103*0.60
23508 (C)	dead	(9001+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6104*0.60
23509 (C)	dead	(9001+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6105*0.60
23510 (C)	dead	(9001+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6106*0.60
23511 (C)	dead	(9001+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6107*0.60
23512 (C)	dead	(9001+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6108*0.60
23513 (C)	dead	(9001+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6101*0.60
23514 (C)	dead	(9001+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6102*0.60
23515 (C)	dead	(9001+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6103*0.60
23516 (C)	dead	(9001+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6104*0.60
23517 (C)	dead	(9001+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6105*0.60
23518 (C)	dead	(9001+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6106*0.60
23519 (C)	dead	(9001+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6107*0.60
23520 (C)	dead	(9001+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6108*0.60
23521 (C)	dead	(9001+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6101*0.60
23522 (C)	dead	(9001+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6102*0.60
23523 (C)	dead	(9001+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6103*0.60
23524 (C)	dead	(9001+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6104*0.60
23525 (C)	dead	(9001+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6105*0.60
23526 (C)	dead	(9001+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6106*0.60
23527 (C)	dead	(9001+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6107*0.60
23528 (C)	dead	(9001+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6108*0.60
23529 (C)	dead	(9001+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6101*0.60
23530 (C)	dead	(9001+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6102*0.60
23531 (C)	dead	(9001+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6103*0.60
23532 (C)	dead	(9001+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6104*0.60
23533 (C)	dead	(9001+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6105*0.60
23534 (C)	dead	(9001+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6106*0.60
23535 (C)	dead	(9001+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6107*0.60
23536 (C)	dead	(9001+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6108*0.60
23537 (C)	dead	(9001+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6101*0.60
23538 (C)	dead	(9001+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6102*0.60
23539 (C)	dead	(9001+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6103*0.60
23540 (C)	dead	(9001+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6104*0.60
23541 (C)	dead	(9001+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6105*0.60
23542 (C)	dead	(9001+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6106*0.60
23543 (C)	dead	(9001+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6107*0.60
23544 (C)	dead	(9001+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6108*0.60
23545 (C)	dead	(9001+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6101*0.60
23546 (C)	dead	(9001+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6102*0.60
23547 (C)	dead	(9001+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6103*0.60
23548 (C)	dead	(9001+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6104*0.60
23549 (C)	dead	(9001+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6105*0.60
23550 (C)	dead	(9001+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6106*0.60
23551 (C)	dead	(9001+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6107*0.60
23552 (C)	dead	(9001+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6108*0.60
23553 (C)	dead	(9001+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6101*0.60
23554 (C)	dead	(9001+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6102*0.60
23555 (C)	dead	(9001+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6103*0.60

Combinations	Case nature	Definition
23556 (C)	dead	(9001+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6104*0.60
23557 (C)	dead	(9001+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6105*0.60
23558 (C)	dead	(9001+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6106*0.60
23559 (C)	dead	(9001+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6107*0.60
23560 (C)	dead	(9001+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6108*0.60
23561 (C)	dead	(9001+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6101*0.60
23562 (C)	dead	(9001+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6102*0.60
23563 (C)	dead	(9001+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6103*0.60
23564 (C)	dead	(9001+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6104*0.60
23565 (C)	dead	(9001+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6105*0.60
23566 (C)	dead	(9001+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6106*0.60
23567 (C)	dead	(9001+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6107*0.60
23568 (C)	dead	(9001+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6108*0.60
23569 (C)	dead	(9001+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6101*0.60
23570 (C)	dead	(9001+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6102*0.60
23571 (C)	dead	(9001+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6103*0.60
23572 (C)	dead	(9001+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6104*0.60
23573 (C)	dead	(9001+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6105*0.60
23574 (C)	dead	(9001+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6106*0.60
23575 (C)	dead	(9001+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6107*0.60
23576 (C)	dead	(9001+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6108*0.60
23577 (C)	dead	(9001+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6101*0.60
23578 (C)	dead	(9001+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6102*0.60
23579 (C)	dead	(9001+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6103*0.60
23580 (C)	dead	(9001+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6104*0.60
23581 (C)	dead	(9001+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6105*0.60
23582 (C)	dead	(9001+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6106*0.60
23583 (C)	dead	(9001+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6107*0.60
23584 (C)	dead	(9001+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6108*0.60
23585 (C)	dead	(9002+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6101*0.60
23586 (C)	dead	(9002+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6102*0.60
23587 (C)	dead	(9002+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6103*0.60
23588 (C)	dead	(9002+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6104*0.60
23589 (C)	dead	(9002+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6105*0.60
23590 (C)	dead	(9002+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6106*0.60
23591 (C)	dead	(9002+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6107*0.60
23592 (C)	dead	(9002+5000)*1.00+4000*0.40+5001*0.75+4100*0.20+6108*0.60
23593 (C)	dead	(9002+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6101*0.60
23594 (C)	dead	(9002+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6102*0.60
23595 (C)	dead	(9002+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6103*0.60
23596 (C)	dead	(9002+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6104*0.60
23597 (C)	dead	(9002+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6105*0.60
23598 (C)	dead	(9002+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6106*0.60
23599 (C)	dead	(9002+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6107*0.60
23600 (C)	dead	(9002+5000)*1.00+4000*0.40+5002*0.75+4100*0.20+6108*0.60
23601 (C)	dead	(9002+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6101*0.60
23602 (C)	dead	(9002+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6102*0.60
23603 (C)	dead	(9002+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6103*0.60
23604 (C)	dead	(9002+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6104*0.60
23605 (C)	dead	(9002+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6105*0.60
23606 (C)	dead	(9002+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6106*0.60
23607 (C)	dead	(9002+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
23608 (C)	dead	(9002+5000)*1.00+4000*0.40+5003*0.75+4100*0.20+6108*0.60
23609 (C)	dead	(9002+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6101*0.60
23610 (C)	dead	(9002+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6102*0.60
23611 (C)	dead	(9002+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6103*0.60
23612 (C)	dead	(9002+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6104*0.60
23613 (C)	dead	(9002+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6105*0.60
23614 (C)	dead	(9002+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6106*0.60
23615 (C)	dead	(9002+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6107*0.60
23616 (C)	dead	(9002+5000)*1.00+4000*0.40+5004*0.75+4100*0.20+6108*0.60
23617 (C)	dead	(9002+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6101*0.60
23618 (C)	dead	(9002+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6102*0.60
23619 (C)	dead	(9002+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6103*0.60
23620 (C)	dead	(9002+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6104*0.60
23621 (C)	dead	(9002+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6105*0.60
23622 (C)	dead	(9002+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6106*0.60
23623 (C)	dead	(9002+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6107*0.60
23624 (C)	dead	(9002+5000)*1.00+4000*0.40+5005*0.75+4100*0.20+6108*0.60
23625 (C)	dead	(9002+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6101*0.60
23626 (C)	dead	(9002+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6102*0.60
23627 (C)	dead	(9002+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6103*0.60
23628 (C)	dead	(9002+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6104*0.60
23629 (C)	dead	(9002+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6105*0.60
23630 (C)	dead	(9002+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6106*0.60
23631 (C)	dead	(9002+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6107*0.60
23632 (C)	dead	(9002+5000)*1.00+4000*0.40+5006*0.75+4100*0.20+6108*0.60
23633 (C)	dead	(9002+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6101*0.60
23634 (C)	dead	(9002+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6102*0.60
23635 (C)	dead	(9002+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6103*0.60
23636 (C)	dead	(9002+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6104*0.60
23637 (C)	dead	(9002+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6105*0.60
23638 (C)	dead	(9002+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6106*0.60
23639 (C)	dead	(9002+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6107*0.60
23640 (C)	dead	(9002+5000)*1.00+4000*0.40+5007*0.75+4100*0.20+6108*0.60
23641 (C)	dead	(9002+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6101*0.60
23642 (C)	dead	(9002+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6102*0.60
23643 (C)	dead	(9002+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6103*0.60
23644 (C)	dead	(9002+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6104*0.60
23645 (C)	dead	(9002+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6105*0.60
23646 (C)	dead	(9002+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6106*0.60
23647 (C)	dead	(9002+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6107*0.60
23648 (C)	dead	(9002+5000)*1.00+4001*0.40+5001*0.75+4101*0.20+6108*0.60
23649 (C)	dead	(9002+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6101*0.60
23650 (C)	dead	(9002+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6102*0.60
23651 (C)	dead	(9002+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6103*0.60
23652 (C)	dead	(9002+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6104*0.60
23653 (C)	dead	(9002+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6105*0.60
23654 (C)	dead	(9002+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6106*0.60
23655 (C)	dead	(9002+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6107*0.60
23656 (C)	dead	(9002+5000)*1.00+4001*0.40+5002*0.75+4101*0.20+6108*0.60
23657 (C)	dead	(9002+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6101*0.60
23658 (C)	dead	(9002+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6102*0.60
23659 (C)	dead	(9002+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6103*0.60

Combinations	Case nature	Definition
23660 (C)	dead	(9002+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6104*0.60
23661 (C)	dead	(9002+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6105*0.60
23662 (C)	dead	(9002+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6106*0.60
23663 (C)	dead	(9002+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6107*0.60
23664 (C)	dead	(9002+5000)*1.00+4001*0.40+5003*0.75+4101*0.20+6108*0.60
23665 (C)	dead	(9002+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6101*0.60
23666 (C)	dead	(9002+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6102*0.60
23667 (C)	dead	(9002+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6103*0.60
23668 (C)	dead	(9002+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6104*0.60
23669 (C)	dead	(9002+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6105*0.60
23670 (C)	dead	(9002+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6106*0.60
23671 (C)	dead	(9002+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6107*0.60
23672 (C)	dead	(9002+5000)*1.00+4001*0.40+5004*0.75+4101*0.20+6108*0.60
23673 (C)	dead	(9002+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6101*0.60
23674 (C)	dead	(9002+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6102*0.60
23675 (C)	dead	(9002+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6103*0.60
23676 (C)	dead	(9002+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6104*0.60
23677 (C)	dead	(9002+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6105*0.60
23678 (C)	dead	(9002+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6106*0.60
23679 (C)	dead	(9002+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6107*0.60
23680 (C)	dead	(9002+5000)*1.00+4001*0.40+5005*0.75+4101*0.20+6108*0.60
23681 (C)	dead	(9002+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6101*0.60
23682 (C)	dead	(9002+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6102*0.60
23683 (C)	dead	(9002+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6103*0.60
23684 (C)	dead	(9002+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6104*0.60
23685 (C)	dead	(9002+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6105*0.60
23686 (C)	dead	(9002+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6106*0.60
23687 (C)	dead	(9002+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6107*0.60
23688 (C)	dead	(9002+5000)*1.00+4001*0.40+5006*0.75+4101*0.20+6108*0.60
23689 (C)	dead	(9002+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6101*0.60
23690 (C)	dead	(9002+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6102*0.60
23691 (C)	dead	(9002+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6103*0.60
23692 (C)	dead	(9002+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6104*0.60
23693 (C)	dead	(9002+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6105*0.60
23694 (C)	dead	(9002+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6106*0.60
23695 (C)	dead	(9002+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6107*0.60
23696 (C)	dead	(9002+5000)*1.00+4001*0.40+5007*0.75+4101*0.20+6108*0.60
23697 (C)	dead	(9002+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6101*0.60
23698 (C)	dead	(9002+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6102*0.60
23699 (C)	dead	(9002+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6103*0.60
23700 (C)	dead	(9002+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6104*0.60
23701 (C)	dead	(9002+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6105*0.60
23702 (C)	dead	(9002+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6106*0.60
23703 (C)	dead	(9002+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6107*0.60
23704 (C)	dead	(9002+5000)*1.00+4002*0.40+5001*0.75+4102*0.20+6108*0.60
23705 (C)	dead	(9002+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6101*0.60
23706 (C)	dead	(9002+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6102*0.60
23707 (C)	dead	(9002+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6103*0.60
23708 (C)	dead	(9002+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6104*0.60
23709 (C)	dead	(9002+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6105*0.60
23710 (C)	dead	(9002+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6106*0.60
23711 (C)	dead	(9002+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
23712 (C)	dead	(9002+5000)*1.00+4002*0.40+5002*0.75+4102*0.20+6108*0.60
23713 (C)	dead	(9002+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6101*0.60
23714 (C)	dead	(9002+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6102*0.60
23715 (C)	dead	(9002+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6103*0.60
23716 (C)	dead	(9002+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6104*0.60
23717 (C)	dead	(9002+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6105*0.60
23718 (C)	dead	(9002+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6106*0.60
23719 (C)	dead	(9002+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6107*0.60
23720 (C)	dead	(9002+5000)*1.00+4002*0.40+5003*0.75+4102*0.20+6108*0.60
23721 (C)	dead	(9002+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6101*0.60
23722 (C)	dead	(9002+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6102*0.60
23723 (C)	dead	(9002+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6103*0.60
23724 (C)	dead	(9002+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6104*0.60
23725 (C)	dead	(9002+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6105*0.60
23726 (C)	dead	(9002+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6106*0.60
23727 (C)	dead	(9002+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6107*0.60
23728 (C)	dead	(9002+5000)*1.00+4002*0.40+5004*0.75+4102*0.20+6108*0.60
23729 (C)	dead	(9002+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6101*0.60
23730 (C)	dead	(9002+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6102*0.60
23731 (C)	dead	(9002+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6103*0.60
23732 (C)	dead	(9002+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6104*0.60
23733 (C)	dead	(9002+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6105*0.60
23734 (C)	dead	(9002+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6106*0.60
23735 (C)	dead	(9002+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6107*0.60
23736 (C)	dead	(9002+5000)*1.00+4002*0.40+5005*0.75+4102*0.20+6108*0.60
23737 (C)	dead	(9002+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6101*0.60
23738 (C)	dead	(9002+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6102*0.60
23739 (C)	dead	(9002+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6103*0.60
23740 (C)	dead	(9002+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6104*0.60
23741 (C)	dead	(9002+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6105*0.60
23742 (C)	dead	(9002+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6106*0.60
23743 (C)	dead	(9002+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6107*0.60
23744 (C)	dead	(9002+5000)*1.00+4002*0.40+5006*0.75+4102*0.20+6108*0.60
23745 (C)	dead	(9002+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6101*0.60
23746 (C)	dead	(9002+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6102*0.60
23747 (C)	dead	(9002+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6103*0.60
23748 (C)	dead	(9002+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6104*0.60
23749 (C)	dead	(9002+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6105*0.60
23750 (C)	dead	(9002+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6106*0.60
23751 (C)	dead	(9002+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6107*0.60
23752 (C)	dead	(9002+5000)*1.00+4002*0.40+5007*0.75+4102*0.20+6108*0.60
23753 (C)	dead	(9002+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6101*0.60
23754 (C)	dead	(9002+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6102*0.60
23755 (C)	dead	(9002+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6103*0.60
23756 (C)	dead	(9002+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6104*0.60
23757 (C)	dead	(9002+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6105*0.60
23758 (C)	dead	(9002+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6106*0.60
23759 (C)	dead	(9002+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6107*0.60
23760 (C)	dead	(9002+5000)*1.00+4003*0.40+5001*0.75+4103*0.20+6108*0.60
23761 (C)	dead	(9002+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6101*0.60
23762 (C)	dead	(9002+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6102*0.60
23763 (C)	dead	(9002+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6103*0.60

Combinations	Case nature	Definition
23764 (C)	dead	(9002+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6104*0.60
23765 (C)	dead	(9002+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6105*0.60
23766 (C)	dead	(9002+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6106*0.60
23767 (C)	dead	(9002+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6107*0.60
23768 (C)	dead	(9002+5000)*1.00+4003*0.40+5002*0.75+4103*0.20+6108*0.60
23769 (C)	dead	(9002+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6101*0.60
23770 (C)	dead	(9002+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6102*0.60
23771 (C)	dead	(9002+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6103*0.60
23772 (C)	dead	(9002+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6104*0.60
23773 (C)	dead	(9002+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6105*0.60
23774 (C)	dead	(9002+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6106*0.60
23775 (C)	dead	(9002+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6107*0.60
23776 (C)	dead	(9002+5000)*1.00+4003*0.40+5003*0.75+4103*0.20+6108*0.60
23777 (C)	dead	(9002+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6101*0.60
23778 (C)	dead	(9002+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6102*0.60
23779 (C)	dead	(9002+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6103*0.60
23780 (C)	dead	(9002+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6104*0.60
23781 (C)	dead	(9002+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6105*0.60
23782 (C)	dead	(9002+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6106*0.60
23783 (C)	dead	(9002+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6107*0.60
23784 (C)	dead	(9002+5000)*1.00+4003*0.40+5004*0.75+4103*0.20+6108*0.60
23785 (C)	dead	(9002+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6101*0.60
23786 (C)	dead	(9002+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6102*0.60
23787 (C)	dead	(9002+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6103*0.60
23788 (C)	dead	(9002+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6104*0.60
23789 (C)	dead	(9002+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6105*0.60
23790 (C)	dead	(9002+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6106*0.60
23791 (C)	dead	(9002+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6107*0.60
23792 (C)	dead	(9002+5000)*1.00+4003*0.40+5005*0.75+4103*0.20+6108*0.60
23793 (C)	dead	(9002+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6101*0.60
23794 (C)	dead	(9002+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6102*0.60
23795 (C)	dead	(9002+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6103*0.60
23796 (C)	dead	(9002+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6104*0.60
23797 (C)	dead	(9002+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6105*0.60
23798 (C)	dead	(9002+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6106*0.60
23799 (C)	dead	(9002+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6107*0.60
23800 (C)	dead	(9002+5000)*1.00+4003*0.40+5006*0.75+4103*0.20+6108*0.60
23801 (C)	dead	(9002+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6101*0.60
23802 (C)	dead	(9002+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6102*0.60
23803 (C)	dead	(9002+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6103*0.60
23804 (C)	dead	(9002+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6104*0.60
23805 (C)	dead	(9002+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6105*0.60
23806 (C)	dead	(9002+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6106*0.60
23807 (C)	dead	(9002+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6107*0.60
23808 (C)	dead	(9002+5000)*1.00+4003*0.40+5007*0.75+4103*0.20+6108*0.60
23809 (C)	dead	(9002+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6101*0.60
23810 (C)	dead	(9002+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6102*0.60
23811 (C)	dead	(9002+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6103*0.60
23812 (C)	dead	(9002+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6104*0.60
23813 (C)	dead	(9002+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6105*0.60
23814 (C)	dead	(9002+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6106*0.60
23815 (C)	dead	(9002+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6107*0.60

Combinations	Case nature	Definition
23816 (C)	dead	(9002+5000)*1.00+4004*0.40+5001*0.75+4104*0.20+6108*0.60
23817 (C)	dead	(9002+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6101*0.60
23818 (C)	dead	(9002+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6102*0.60
23819 (C)	dead	(9002+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6103*0.60
23820 (C)	dead	(9002+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6104*0.60
23821 (C)	dead	(9002+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6105*0.60
23822 (C)	dead	(9002+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6106*0.60
23823 (C)	dead	(9002+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6107*0.60
23824 (C)	dead	(9002+5000)*1.00+4004*0.40+5002*0.75+4104*0.20+6108*0.60
23825 (C)	dead	(9002+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6101*0.60
23826 (C)	dead	(9002+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6102*0.60
23827 (C)	dead	(9002+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6103*0.60
23828 (C)	dead	(9002+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6104*0.60
23829 (C)	dead	(9002+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6105*0.60
23830 (C)	dead	(9002+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6106*0.60
23831 (C)	dead	(9002+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6107*0.60
23832 (C)	dead	(9002+5000)*1.00+4004*0.40+5003*0.75+4104*0.20+6108*0.60
23833 (C)	dead	(9002+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6101*0.60
23834 (C)	dead	(9002+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6102*0.60
23835 (C)	dead	(9002+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6103*0.60
23836 (C)	dead	(9002+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6104*0.60
23837 (C)	dead	(9002+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6105*0.60
23838 (C)	dead	(9002+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6106*0.60
23839 (C)	dead	(9002+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6107*0.60
23840 (C)	dead	(9002+5000)*1.00+4004*0.40+5004*0.75+4104*0.20+6108*0.60
23841 (C)	dead	(9002+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6101*0.60
23842 (C)	dead	(9002+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6102*0.60
23843 (C)	dead	(9002+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6103*0.60
23844 (C)	dead	(9002+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6104*0.60
23845 (C)	dead	(9002+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6105*0.60
23846 (C)	dead	(9002+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6106*0.60
23847 (C)	dead	(9002+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6107*0.60
23848 (C)	dead	(9002+5000)*1.00+4004*0.40+5005*0.75+4104*0.20+6108*0.60
23849 (C)	dead	(9002+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6101*0.60
23850 (C)	dead	(9002+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6102*0.60
23851 (C)	dead	(9002+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6103*0.60
23852 (C)	dead	(9002+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6104*0.60
23853 (C)	dead	(9002+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6105*0.60
23854 (C)	dead	(9002+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6106*0.60
23855 (C)	dead	(9002+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6107*0.60
23856 (C)	dead	(9002+5000)*1.00+4004*0.40+5006*0.75+4104*0.20+6108*0.60
23857 (C)	dead	(9002+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6101*0.60
23858 (C)	dead	(9002+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6102*0.60
23859 (C)	dead	(9002+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6103*0.60
23860 (C)	dead	(9002+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6104*0.60
23861 (C)	dead	(9002+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6105*0.60
23862 (C)	dead	(9002+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6106*0.60
23863 (C)	dead	(9002+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6107*0.60
23864 (C)	dead	(9002+5000)*1.00+4004*0.40+5007*0.75+4104*0.20+6108*0.60
23865 (C)	dead	(9002+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6101*0.60
23866 (C)	dead	(9002+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6102*0.60
23867 (C)	dead	(9002+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6103*0.60

Combinations	Case nature	Definition
23868 (C)	dead	(9002+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6104*0.60
23869 (C)	dead	(9002+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6105*0.60
23870 (C)	dead	(9002+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6106*0.60
23871 (C)	dead	(9002+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6107*0.60
23872 (C)	dead	(9002+5000)*1.00+4005*0.40+5001*0.75+4105*0.20+6108*0.60
23873 (C)	dead	(9002+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6101*0.60
23874 (C)	dead	(9002+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6102*0.60
23875 (C)	dead	(9002+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6103*0.60
23876 (C)	dead	(9002+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6104*0.60
23877 (C)	dead	(9002+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6105*0.60
23878 (C)	dead	(9002+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6106*0.60
23879 (C)	dead	(9002+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6107*0.60
23880 (C)	dead	(9002+5000)*1.00+4005*0.40+5002*0.75+4105*0.20+6108*0.60
23881 (C)	dead	(9002+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6101*0.60
23882 (C)	dead	(9002+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6102*0.60
23883 (C)	dead	(9002+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6103*0.60
23884 (C)	dead	(9002+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6104*0.60
23885 (C)	dead	(9002+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6105*0.60
23886 (C)	dead	(9002+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6106*0.60
23887 (C)	dead	(9002+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6107*0.60
23888 (C)	dead	(9002+5000)*1.00+4005*0.40+5003*0.75+4105*0.20+6108*0.60
23889 (C)	dead	(9002+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6101*0.60
23890 (C)	dead	(9002+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6102*0.60
23891 (C)	dead	(9002+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6103*0.60
23892 (C)	dead	(9002+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6104*0.60
23893 (C)	dead	(9002+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6105*0.60
23894 (C)	dead	(9002+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6106*0.60
23895 (C)	dead	(9002+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6107*0.60
23896 (C)	dead	(9002+5000)*1.00+4005*0.40+5004*0.75+4105*0.20+6108*0.60
23897 (C)	dead	(9002+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6101*0.60
23898 (C)	dead	(9002+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6102*0.60
23899 (C)	dead	(9002+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6103*0.60
23900 (C)	dead	(9002+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6104*0.60
23901 (C)	dead	(9002+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6105*0.60
23902 (C)	dead	(9002+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6106*0.60
23903 (C)	dead	(9002+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6107*0.60
23904 (C)	dead	(9002+5000)*1.00+4005*0.40+5005*0.75+4105*0.20+6108*0.60
23905 (C)	dead	(9002+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6101*0.60
23906 (C)	dead	(9002+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6102*0.60
23907 (C)	dead	(9002+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6103*0.60
23908 (C)	dead	(9002+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6104*0.60
23909 (C)	dead	(9002+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6105*0.60
23910 (C)	dead	(9002+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6106*0.60
23911 (C)	dead	(9002+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6107*0.60
23912 (C)	dead	(9002+5000)*1.00+4005*0.40+5006*0.75+4105*0.20+6108*0.60
23913 (C)	dead	(9002+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6101*0.60
23914 (C)	dead	(9002+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6102*0.60
23915 (C)	dead	(9002+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6103*0.60
23916 (C)	dead	(9002+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6104*0.60
23917 (C)	dead	(9002+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6105*0.60
23918 (C)	dead	(9002+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6106*0.60
23919 (C)	dead	(9002+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
23920 (C)	dead	(9002+5000)*1.00+4005*0.40+5007*0.75+4105*0.20+6108*0.60
23921 (C)	dead	(9002+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6101*0.60
23922 (C)	dead	(9002+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6102*0.60
23923 (C)	dead	(9002+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6103*0.60
23924 (C)	dead	(9002+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6104*0.60
23925 (C)	dead	(9002+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6105*0.60
23926 (C)	dead	(9002+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6106*0.60
23927 (C)	dead	(9002+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6107*0.60
23928 (C)	dead	(9002+5000)*1.00+4006*0.40+5001*0.75+4106*0.20+6108*0.60
23929 (C)	dead	(9002+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6101*0.60
23930 (C)	dead	(9002+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6102*0.60
23931 (C)	dead	(9002+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6103*0.60
23932 (C)	dead	(9002+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6104*0.60
23933 (C)	dead	(9002+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6105*0.60
23934 (C)	dead	(9002+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6106*0.60
23935 (C)	dead	(9002+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6107*0.60
23936 (C)	dead	(9002+5000)*1.00+4006*0.40+5002*0.75+4106*0.20+6108*0.60
23937 (C)	dead	(9002+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6101*0.60
23938 (C)	dead	(9002+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6102*0.60
23939 (C)	dead	(9002+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6103*0.60
23940 (C)	dead	(9002+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6104*0.60
23941 (C)	dead	(9002+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6105*0.60
23942 (C)	dead	(9002+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6106*0.60
23943 (C)	dead	(9002+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6107*0.60
23944 (C)	dead	(9002+5000)*1.00+4006*0.40+5003*0.75+4106*0.20+6108*0.60
23945 (C)	dead	(9002+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6101*0.60
23946 (C)	dead	(9002+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6102*0.60
23947 (C)	dead	(9002+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6103*0.60
23948 (C)	dead	(9002+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6104*0.60
23949 (C)	dead	(9002+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6105*0.60
23950 (C)	dead	(9002+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6106*0.60
23951 (C)	dead	(9002+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6107*0.60
23952 (C)	dead	(9002+5000)*1.00+4006*0.40+5004*0.75+4106*0.20+6108*0.60
23953 (C)	dead	(9002+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6101*0.60
23954 (C)	dead	(9002+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6102*0.60
23955 (C)	dead	(9002+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6103*0.60
23956 (C)	dead	(9002+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6104*0.60
23957 (C)	dead	(9002+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6105*0.60
23958 (C)	dead	(9002+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6106*0.60
23959 (C)	dead	(9002+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6107*0.60
23960 (C)	dead	(9002+5000)*1.00+4006*0.40+5005*0.75+4106*0.20+6108*0.60
23961 (C)	dead	(9002+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6101*0.60
23962 (C)	dead	(9002+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6102*0.60
23963 (C)	dead	(9002+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6103*0.60
23964 (C)	dead	(9002+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6104*0.60
23965 (C)	dead	(9002+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6105*0.60
23966 (C)	dead	(9002+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6106*0.60
23967 (C)	dead	(9002+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6107*0.60
23968 (C)	dead	(9002+5000)*1.00+4006*0.40+5006*0.75+4106*0.20+6108*0.60
23969 (C)	dead	(9002+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6101*0.60
23970 (C)	dead	(9002+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6102*0.60
23971 (C)	dead	(9002+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6103*0.60

Combinations	Case nature	Definition
23972 (C)	dead	(9002+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6104*0.60
23973 (C)	dead	(9002+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6105*0.60
23974 (C)	dead	(9002+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6106*0.60
23975 (C)	dead	(9002+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6107*0.60
23976 (C)	dead	(9002+5000)*1.00+4006*0.40+5007*0.75+4106*0.20+6108*0.60
23977 (C)	dead	(9002+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6101*0.60
23978 (C)	dead	(9002+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6102*0.60
23979 (C)	dead	(9002+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6103*0.60
23980 (C)	dead	(9002+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6104*0.60
23981 (C)	dead	(9002+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6105*0.60
23982 (C)	dead	(9002+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6106*0.60
23983 (C)	dead	(9002+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6107*0.60
23984 (C)	dead	(9002+5000)*1.00+4007*0.40+5001*0.75+4107*0.20+6108*0.60
23985 (C)	dead	(9002+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6101*0.60
23986 (C)	dead	(9002+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6102*0.60
23987 (C)	dead	(9002+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6103*0.60
23988 (C)	dead	(9002+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6104*0.60
23989 (C)	dead	(9002+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6105*0.60
23990 (C)	dead	(9002+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6106*0.60
23991 (C)	dead	(9002+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6107*0.60
23992 (C)	dead	(9002+5000)*1.00+4007*0.40+5002*0.75+4107*0.20+6108*0.60
23993 (C)	dead	(9002+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6101*0.60
23994 (C)	dead	(9002+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6102*0.60
23995 (C)	dead	(9002+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6103*0.60
23996 (C)	dead	(9002+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6104*0.60
23997 (C)	dead	(9002+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6105*0.60
23998 (C)	dead	(9002+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6106*0.60
23999 (C)	dead	(9002+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6107*0.60
24000 (C)	dead	(9002+5000)*1.00+4007*0.40+5003*0.75+4107*0.20+6108*0.60
24001 (C)	dead	(9002+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6101*0.60
24002 (C)	dead	(9002+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6102*0.60
24003 (C)	dead	(9002+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6103*0.60
24004 (C)	dead	(9002+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6104*0.60
24005 (C)	dead	(9002+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6105*0.60
24006 (C)	dead	(9002+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6106*0.60
24007 (C)	dead	(9002+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6107*0.60
24008 (C)	dead	(9002+5000)*1.00+4007*0.40+5004*0.75+4107*0.20+6108*0.60
24009 (C)	dead	(9002+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6101*0.60
24010 (C)	dead	(9002+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6102*0.60
24011 (C)	dead	(9002+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6103*0.60
24012 (C)	dead	(9002+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6104*0.60
24013 (C)	dead	(9002+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6105*0.60
24014 (C)	dead	(9002+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6106*0.60
24015 (C)	dead	(9002+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6107*0.60
24016 (C)	dead	(9002+5000)*1.00+4007*0.40+5005*0.75+4107*0.20+6108*0.60
24017 (C)	dead	(9002+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6101*0.60
24018 (C)	dead	(9002+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6102*0.60
24019 (C)	dead	(9002+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6103*0.60
24020 (C)	dead	(9002+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6104*0.60
24021 (C)	dead	(9002+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6105*0.60
24022 (C)	dead	(9002+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6106*0.60
24023 (C)	dead	(9002+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6107*0.60

Combinations	Case nature	Definition
24024 (C)	dead	(9002+5000)*1.00+4007*0.40+5006*0.75+4107*0.20+6108*0.60
24025 (C)	dead	(9002+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6101*0.60
24026 (C)	dead	(9002+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6102*0.60
24027 (C)	dead	(9002+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6103*0.60
24028 (C)	dead	(9002+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6104*0.60
24029 (C)	dead	(9002+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6105*0.60
24030 (C)	dead	(9002+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6106*0.60
24031 (C)	dead	(9002+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6107*0.60
24032 (C)	dead	(9002+5000)*1.00+4007*0.40+5007*0.75+4107*0.20+6108*0.60
24033 (C)	dead	(9002+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6101*0.60
24034 (C)	dead	(9002+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6102*0.60
24035 (C)	dead	(9002+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6103*0.60
24036 (C)	dead	(9002+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6104*0.60
24037 (C)	dead	(9002+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6105*0.60
24038 (C)	dead	(9002+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6106*0.60
24039 (C)	dead	(9002+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6107*0.60
24040 (C)	dead	(9002+5000)*1.00+4008*0.40+5001*0.75+4108*0.20+6108*0.60
24041 (C)	dead	(9002+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6101*0.60
24042 (C)	dead	(9002+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6102*0.60
24043 (C)	dead	(9002+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6103*0.60
24044 (C)	dead	(9002+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6104*0.60
24045 (C)	dead	(9002+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6105*0.60
24046 (C)	dead	(9002+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6106*0.60
24047 (C)	dead	(9002+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6107*0.60
24048 (C)	dead	(9002+5000)*1.00+4008*0.40+5002*0.75+4108*0.20+6108*0.60
24049 (C)	dead	(9002+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6101*0.60
24050 (C)	dead	(9002+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6102*0.60
24051 (C)	dead	(9002+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6103*0.60
24052 (C)	dead	(9002+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6104*0.60
24053 (C)	dead	(9002+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6105*0.60
24054 (C)	dead	(9002+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6106*0.60
24055 (C)	dead	(9002+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6107*0.60
24056 (C)	dead	(9002+5000)*1.00+4008*0.40+5003*0.75+4108*0.20+6108*0.60
24057 (C)	dead	(9002+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6101*0.60
24058 (C)	dead	(9002+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6102*0.60
24059 (C)	dead	(9002+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6103*0.60
24060 (C)	dead	(9002+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6104*0.60
24061 (C)	dead	(9002+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6105*0.60
24062 (C)	dead	(9002+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6106*0.60
24063 (C)	dead	(9002+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6107*0.60
24064 (C)	dead	(9002+5000)*1.00+4008*0.40+5004*0.75+4108*0.20+6108*0.60
24065 (C)	dead	(9002+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6101*0.60
24066 (C)	dead	(9002+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6102*0.60
24067 (C)	dead	(9002+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6103*0.60
24068 (C)	dead	(9002+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6104*0.60
24069 (C)	dead	(9002+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6105*0.60
24070 (C)	dead	(9002+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6106*0.60
24071 (C)	dead	(9002+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6107*0.60
24072 (C)	dead	(9002+5000)*1.00+4008*0.40+5005*0.75+4108*0.20+6108*0.60
24073 (C)	dead	(9002+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6101*0.60
24074 (C)	dead	(9002+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6102*0.60
24075 (C)	dead	(9002+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6103*0.60

Combinations	Case nature	Definition
24076 (C)	dead	(9002+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6104*0.60
24077 (C)	dead	(9002+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6105*0.60
24078 (C)	dead	(9002+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6106*0.60
24079 (C)	dead	(9002+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6107*0.60
24080 (C)	dead	(9002+5000)*1.00+4008*0.40+5006*0.75+4108*0.20+6108*0.60
24081 (C)	dead	(9002+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6101*0.60
24082 (C)	dead	(9002+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6102*0.60
24083 (C)	dead	(9002+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6103*0.60
24084 (C)	dead	(9002+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6104*0.60
24085 (C)	dead	(9002+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6105*0.60
24086 (C)	dead	(9002+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6106*0.60
24087 (C)	dead	(9002+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6107*0.60
24088 (C)	dead	(9002+5000)*1.00+4008*0.40+5007*0.75+4108*0.20+6108*0.60
24089 (C)	dead	(9002+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6101*0.60
24090 (C)	dead	(9002+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6102*0.60
24091 (C)	dead	(9002+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6103*0.60
24092 (C)	dead	(9002+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6104*0.60
24093 (C)	dead	(9002+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6105*0.60
24094 (C)	dead	(9002+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6106*0.60
24095 (C)	dead	(9002+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6107*0.60
24096 (C)	dead	(9002+5000)*1.00+4009*0.40+5001*0.75+4109*0.20+6108*0.60
24097 (C)	dead	(9002+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6101*0.60
24098 (C)	dead	(9002+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6102*0.60
24099 (C)	dead	(9002+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6103*0.60
24100 (C)	dead	(9002+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6104*0.60
24101 (C)	dead	(9002+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6105*0.60
24102 (C)	dead	(9002+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6106*0.60
24103 (C)	dead	(9002+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6107*0.60
24104 (C)	dead	(9002+5000)*1.00+4009*0.40+5002*0.75+4109*0.20+6108*0.60
24105 (C)	dead	(9002+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6101*0.60
24106 (C)	dead	(9002+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6102*0.60
24107 (C)	dead	(9002+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6103*0.60
24108 (C)	dead	(9002+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6104*0.60
24109 (C)	dead	(9002+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6105*0.60
24110 (C)	dead	(9002+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6106*0.60
24111 (C)	dead	(9002+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6107*0.60
24112 (C)	dead	(9002+5000)*1.00+4009*0.40+5003*0.75+4109*0.20+6108*0.60
24113 (C)	dead	(9002+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6101*0.60
24114 (C)	dead	(9002+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6102*0.60
24115 (C)	dead	(9002+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6103*0.60
24116 (C)	dead	(9002+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6104*0.60
24117 (C)	dead	(9002+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6105*0.60
24118 (C)	dead	(9002+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6106*0.60
24119 (C)	dead	(9002+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6107*0.60
24120 (C)	dead	(9002+5000)*1.00+4009*0.40+5004*0.75+4109*0.20+6108*0.60
24121 (C)	dead	(9002+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6101*0.60
24122 (C)	dead	(9002+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6102*0.60
24123 (C)	dead	(9002+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6103*0.60
24124 (C)	dead	(9002+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6104*0.60
24125 (C)	dead	(9002+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6105*0.60
24126 (C)	dead	(9002+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6106*0.60
24127 (C)	dead	(9002+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
24128 (C)	dead	(9002+5000)*1.00+4009*0.40+5005*0.75+4109*0.20+6108*0.60
24129 (C)	dead	(9002+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6101*0.60
24130 (C)	dead	(9002+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6102*0.60
24131 (C)	dead	(9002+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6103*0.60
24132 (C)	dead	(9002+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6104*0.60
24133 (C)	dead	(9002+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6105*0.60
24134 (C)	dead	(9002+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6106*0.60
24135 (C)	dead	(9002+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6107*0.60
24136 (C)	dead	(9002+5000)*1.00+4009*0.40+5006*0.75+4109*0.20+6108*0.60
24137 (C)	dead	(9002+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6101*0.60
24138 (C)	dead	(9002+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6102*0.60
24139 (C)	dead	(9002+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6103*0.60
24140 (C)	dead	(9002+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6104*0.60
24141 (C)	dead	(9002+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6105*0.60
24142 (C)	dead	(9002+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6106*0.60
24143 (C)	dead	(9002+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6107*0.60
24144 (C)	dead	(9002+5000)*1.00+4009*0.40+5007*0.75+4109*0.20+6108*0.60
24145 (C)	dead	(9002+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6101*0.60
24146 (C)	dead	(9002+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6102*0.60
24147 (C)	dead	(9002+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6103*0.60
24148 (C)	dead	(9002+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6104*0.60
24149 (C)	dead	(9002+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6105*0.60
24150 (C)	dead	(9002+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6106*0.60
24151 (C)	dead	(9002+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6107*0.60
24152 (C)	dead	(9002+5000)*1.00+4010*0.40+5001*0.75+4110*0.20+6108*0.60
24153 (C)	dead	(9002+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6101*0.60
24154 (C)	dead	(9002+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6102*0.60
24155 (C)	dead	(9002+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6103*0.60
24156 (C)	dead	(9002+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6104*0.60
24157 (C)	dead	(9002+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6105*0.60
24158 (C)	dead	(9002+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6106*0.60
24159 (C)	dead	(9002+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6107*0.60
24160 (C)	dead	(9002+5000)*1.00+4010*0.40+5002*0.75+4110*0.20+6108*0.60
24161 (C)	dead	(9002+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6101*0.60
24162 (C)	dead	(9002+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6102*0.60
24163 (C)	dead	(9002+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6103*0.60
24164 (C)	dead	(9002+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6104*0.60
24165 (C)	dead	(9002+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6105*0.60
24166 (C)	dead	(9002+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6106*0.60
24167 (C)	dead	(9002+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6107*0.60
24168 (C)	dead	(9002+5000)*1.00+4010*0.40+5003*0.75+4110*0.20+6108*0.60
24169 (C)	dead	(9002+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6101*0.60
24170 (C)	dead	(9002+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6102*0.60
24171 (C)	dead	(9002+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6103*0.60
24172 (C)	dead	(9002+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6104*0.60
24173 (C)	dead	(9002+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6105*0.60
24174 (C)	dead	(9002+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6106*0.60
24175 (C)	dead	(9002+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6107*0.60
24176 (C)	dead	(9002+5000)*1.00+4010*0.40+5004*0.75+4110*0.20+6108*0.60
24177 (C)	dead	(9002+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6101*0.60
24178 (C)	dead	(9002+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6102*0.60
24179 (C)	dead	(9002+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6103*0.60

Combinations	Case nature	Definition
24180 (C)	dead	(9002+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6104*0.60
24181 (C)	dead	(9002+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6105*0.60
24182 (C)	dead	(9002+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6106*0.60
24183 (C)	dead	(9002+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6107*0.60
24184 (C)	dead	(9002+5000)*1.00+4010*0.40+5005*0.75+4110*0.20+6108*0.60
24185 (C)	dead	(9002+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6101*0.60
24186 (C)	dead	(9002+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6102*0.60
24187 (C)	dead	(9002+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6103*0.60
24188 (C)	dead	(9002+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6104*0.60
24189 (C)	dead	(9002+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6105*0.60
24190 (C)	dead	(9002+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6106*0.60
24191 (C)	dead	(9002+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6107*0.60
24192 (C)	dead	(9002+5000)*1.00+4010*0.40+5006*0.75+4110*0.20+6108*0.60
24193 (C)	dead	(9002+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6101*0.60
24194 (C)	dead	(9002+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6102*0.60
24195 (C)	dead	(9002+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6103*0.60
24196 (C)	dead	(9002+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6104*0.60
24197 (C)	dead	(9002+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6105*0.60
24198 (C)	dead	(9002+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6106*0.60
24199 (C)	dead	(9002+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6107*0.60
24200 (C)	dead	(9002+5000)*1.00+4010*0.40+5007*0.75+4110*0.20+6108*0.60
24201 (C)	dead	(9002+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6101*0.60
24202 (C)	dead	(9002+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6102*0.60
24203 (C)	dead	(9002+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6103*0.60
24204 (C)	dead	(9002+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6104*0.60
24205 (C)	dead	(9002+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6105*0.60
24206 (C)	dead	(9002+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6106*0.60
24207 (C)	dead	(9002+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6107*0.60
24208 (C)	dead	(9002+5000)*1.00+4011*0.40+5001*0.75+4111*0.20+6108*0.60
24209 (C)	dead	(9002+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6101*0.60
24210 (C)	dead	(9002+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6102*0.60
24211 (C)	dead	(9002+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6103*0.60
24212 (C)	dead	(9002+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6104*0.60
24213 (C)	dead	(9002+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6105*0.60
24214 (C)	dead	(9002+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6106*0.60
24215 (C)	dead	(9002+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6107*0.60
24216 (C)	dead	(9002+5000)*1.00+4011*0.40+5002*0.75+4111*0.20+6108*0.60
24217 (C)	dead	(9002+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6101*0.60
24218 (C)	dead	(9002+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6102*0.60
24219 (C)	dead	(9002+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6103*0.60
24220 (C)	dead	(9002+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6104*0.60
24221 (C)	dead	(9002+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6105*0.60
24222 (C)	dead	(9002+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6106*0.60
24223 (C)	dead	(9002+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6107*0.60
24224 (C)	dead	(9002+5000)*1.00+4011*0.40+5003*0.75+4111*0.20+6108*0.60
24225 (C)	dead	(9002+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6101*0.60
24226 (C)	dead	(9002+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6102*0.60
24227 (C)	dead	(9002+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6103*0.60
24228 (C)	dead	(9002+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6104*0.60
24229 (C)	dead	(9002+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6105*0.60
24230 (C)	dead	(9002+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6106*0.60
24231 (C)	dead	(9002+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6107*0.60

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
24232 (C)	dead	(9002+5000)*1.00+4011*0.40+5004*0.75+4111*0.20+6108*0.60
24233 (C)	dead	(9002+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6101*0.60
24234 (C)	dead	(9002+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6102*0.60
24235 (C)	dead	(9002+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6103*0.60
24236 (C)	dead	(9002+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6104*0.60
24237 (C)	dead	(9002+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6105*0.60
24238 (C)	dead	(9002+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6106*0.60
24239 (C)	dead	(9002+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6107*0.60
24240 (C)	dead	(9002+5000)*1.00+4011*0.40+5005*0.75+4111*0.20+6108*0.60
24241 (C)	dead	(9002+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6101*0.60
24242 (C)	dead	(9002+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6102*0.60
24243 (C)	dead	(9002+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6103*0.60
24244 (C)	dead	(9002+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6104*0.60
24245 (C)	dead	(9002+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6105*0.60
24246 (C)	dead	(9002+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6106*0.60
24247 (C)	dead	(9002+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6107*0.60
24248 (C)	dead	(9002+5000)*1.00+4011*0.40+5006*0.75+4111*0.20+6108*0.60
24249 (C)	dead	(9002+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6101*0.60
24250 (C)	dead	(9002+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6102*0.60
24251 (C)	dead	(9002+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6103*0.60
24252 (C)	dead	(9002+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6104*0.60
24253 (C)	dead	(9002+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6105*0.60
24254 (C)	dead	(9002+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6106*0.60
24255 (C)	dead	(9002+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6107*0.60
24256 (C)	dead	(9002+5000)*1.00+4011*0.40+5007*0.75+4111*0.20+6108*0.60
24257 (C)	dead	(9002+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6101*0.60
24258 (C)	dead	(9002+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6102*0.60
24259 (C)	dead	(9002+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6103*0.60
24260 (C)	dead	(9002+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6104*0.60
24261 (C)	dead	(9002+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6105*0.60
24262 (C)	dead	(9002+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6106*0.60
24263 (C)	dead	(9002+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6107*0.60
24264 (C)	dead	(9002+5000)*1.00+4012*0.40+5001*0.75+4112*0.20+6108*0.60
24265 (C)	dead	(9002+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6101*0.60
24266 (C)	dead	(9002+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6102*0.60
24267 (C)	dead	(9002+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6103*0.60
24268 (C)	dead	(9002+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6104*0.60
24269 (C)	dead	(9002+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6105*0.60
24270 (C)	dead	(9002+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6106*0.60
24271 (C)	dead	(9002+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6107*0.60
24272 (C)	dead	(9002+5000)*1.00+4012*0.40+5002*0.75+4112*0.20+6108*0.60
24273 (C)	dead	(9002+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6101*0.60
24274 (C)	dead	(9002+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6102*0.60
24275 (C)	dead	(9002+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6103*0.60
24276 (C)	dead	(9002+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6104*0.60
24277 (C)	dead	(9002+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6105*0.60
24278 (C)	dead	(9002+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6106*0.60
24279 (C)	dead	(9002+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6107*0.60
24280 (C)	dead	(9002+5000)*1.00+4012*0.40+5003*0.75+4112*0.20+6108*0.60
24281 (C)	dead	(9002+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6101*0.60
24282 (C)	dead	(9002+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6102*0.60
24283 (C)	dead	(9002+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6103*0.60

Combinations	Case nature	Definition
24284 (C)	dead	(9002+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6104*0.60
24285 (C)	dead	(9002+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6105*0.60
24286 (C)	dead	(9002+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6106*0.60
24287 (C)	dead	(9002+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6107*0.60
24288 (C)	dead	(9002+5000)*1.00+4012*0.40+5004*0.75+4112*0.20+6108*0.60
24289 (C)	dead	(9002+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6101*0.60
24290 (C)	dead	(9002+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6102*0.60
24291 (C)	dead	(9002+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6103*0.60
24292 (C)	dead	(9002+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6104*0.60
24293 (C)	dead	(9002+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6105*0.60
24294 (C)	dead	(9002+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6106*0.60
24295 (C)	dead	(9002+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6107*0.60
24296 (C)	dead	(9002+5000)*1.00+4012*0.40+5005*0.75+4112*0.20+6108*0.60
24297 (C)	dead	(9002+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6101*0.60
24298 (C)	dead	(9002+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6102*0.60
24299 (C)	dead	(9002+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6103*0.60
24300 (C)	dead	(9002+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6104*0.60
24301 (C)	dead	(9002+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6105*0.60
24302 (C)	dead	(9002+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6106*0.60
24303 (C)	dead	(9002+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6107*0.60
24304 (C)	dead	(9002+5000)*1.00+4012*0.40+5006*0.75+4112*0.20+6108*0.60
24305 (C)	dead	(9002+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6101*0.60
24306 (C)	dead	(9002+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6102*0.60
24307 (C)	dead	(9002+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6103*0.60
24308 (C)	dead	(9002+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6104*0.60
24309 (C)	dead	(9002+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6105*0.60
24310 (C)	dead	(9002+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6106*0.60
24311 (C)	dead	(9002+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6107*0.60
24312 (C)	dead	(9002+5000)*1.00+4012*0.40+5007*0.75+4112*0.20+6108*0.60
24313 (C)	dead	(9002+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6101*0.60
24314 (C)	dead	(9002+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6102*0.60
24315 (C)	dead	(9002+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6103*0.60
24316 (C)	dead	(9002+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6104*0.60
24317 (C)	dead	(9002+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6105*0.60
24318 (C)	dead	(9002+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6106*0.60
24319 (C)	dead	(9002+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6107*0.60
24320 (C)	dead	(9002+5000)*1.00+4013*0.40+5001*0.75+4113*0.20+6108*0.60
24321 (C)	dead	(9002+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6101*0.60
24322 (C)	dead	(9002+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6102*0.60
24323 (C)	dead	(9002+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6103*0.60
24324 (C)	dead	(9002+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6104*0.60
24325 (C)	dead	(9002+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6105*0.60
24326 (C)	dead	(9002+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6106*0.60
24327 (C)	dead	(9002+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6107*0.60
24328 (C)	dead	(9002+5000)*1.00+4013*0.40+5002*0.75+4113*0.20+6108*0.60
24329 (C)	dead	(9002+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6101*0.60
24330 (C)	dead	(9002+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6102*0.60
24331 (C)	dead	(9002+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6103*0.60
24332 (C)	dead	(9002+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6104*0.60
24333 (C)	dead	(9002+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6105*0.60
24334 (C)	dead	(9002+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6106*0.60
24335 (C)	dead	(9002+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6107*0.60

Combinations	Case nature	Definition
24336 (C)	dead	(9002+5000)*1.00+4013*0.40+5003*0.75+4113*0.20+6108*0.60
24337 (C)	dead	(9002+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6101*0.60
24338 (C)	dead	(9002+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6102*0.60
24339 (C)	dead	(9002+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6103*0.60
24340 (C)	dead	(9002+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6104*0.60
24341 (C)	dead	(9002+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6105*0.60
24342 (C)	dead	(9002+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6106*0.60
24343 (C)	dead	(9002+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6107*0.60
24344 (C)	dead	(9002+5000)*1.00+4013*0.40+5004*0.75+4113*0.20+6108*0.60
24345 (C)	dead	(9002+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6101*0.60
24346 (C)	dead	(9002+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6102*0.60
24347 (C)	dead	(9002+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6103*0.60
24348 (C)	dead	(9002+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6104*0.60
24349 (C)	dead	(9002+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6105*0.60
24350 (C)	dead	(9002+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6106*0.60
24351 (C)	dead	(9002+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6107*0.60
24352 (C)	dead	(9002+5000)*1.00+4013*0.40+5005*0.75+4113*0.20+6108*0.60
24353 (C)	dead	(9002+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6101*0.60
24354 (C)	dead	(9002+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6102*0.60
24355 (C)	dead	(9002+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6103*0.60
24356 (C)	dead	(9002+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6104*0.60
24357 (C)	dead	(9002+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6105*0.60
24358 (C)	dead	(9002+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6106*0.60
24359 (C)	dead	(9002+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6107*0.60
24360 (C)	dead	(9002+5000)*1.00+4013*0.40+5006*0.75+4113*0.20+6108*0.60
24361 (C)	dead	(9002+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6101*0.60
24362 (C)	dead	(9002+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6102*0.60
24363 (C)	dead	(9002+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6103*0.60
24364 (C)	dead	(9002+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6104*0.60
24365 (C)	dead	(9002+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6105*0.60
24366 (C)	dead	(9002+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6106*0.60
24367 (C)	dead	(9002+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6107*0.60
24368 (C)	dead	(9002+5000)*1.00+4013*0.40+5007*0.75+4113*0.20+6108*0.60
24369 (C)	dead	(9002+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6101*0.60
24370 (C)	dead	(9002+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6102*0.60
24371 (C)	dead	(9002+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6103*0.60
24372 (C)	dead	(9002+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6104*0.60
24373 (C)	dead	(9002+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6105*0.60
24374 (C)	dead	(9002+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6106*0.60
24375 (C)	dead	(9002+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6107*0.60
24376 (C)	dead	(9002+5000)*1.00+4014*0.40+5001*0.75+4114*0.20+6108*0.60
24377 (C)	dead	(9002+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6101*0.60
24378 (C)	dead	(9002+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6102*0.60
24379 (C)	dead	(9002+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6103*0.60
24380 (C)	dead	(9002+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6104*0.60
24381 (C)	dead	(9002+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6105*0.60
24382 (C)	dead	(9002+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6106*0.60
24383 (C)	dead	(9002+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6107*0.60
24384 (C)	dead	(9002+5000)*1.00+4014*0.40+5002*0.75+4114*0.20+6108*0.60
24385 (C)	dead	(9002+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6101*0.60
24386 (C)	dead	(9002+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6102*0.60
24387 (C)	dead	(9002+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6103*0.60

Combinations	Case nature	Definition
24388 (C)	dead	(9002+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6104*0.60
24389 (C)	dead	(9002+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6105*0.60
24390 (C)	dead	(9002+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6106*0.60
24391 (C)	dead	(9002+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6107*0.60
24392 (C)	dead	(9002+5000)*1.00+4014*0.40+5003*0.75+4114*0.20+6108*0.60
24393 (C)	dead	(9002+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6101*0.60
24394 (C)	dead	(9002+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6102*0.60
24395 (C)	dead	(9002+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6103*0.60
24396 (C)	dead	(9002+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6104*0.60
24397 (C)	dead	(9002+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6105*0.60
24398 (C)	dead	(9002+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6106*0.60
24399 (C)	dead	(9002+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6107*0.60
24400 (C)	dead	(9002+5000)*1.00+4014*0.40+5004*0.75+4114*0.20+6108*0.60
24401 (C)	dead	(9002+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6101*0.60
24402 (C)	dead	(9002+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6102*0.60
24403 (C)	dead	(9002+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6103*0.60
24404 (C)	dead	(9002+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6104*0.60
24405 (C)	dead	(9002+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6105*0.60
24406 (C)	dead	(9002+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6106*0.60
24407 (C)	dead	(9002+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6107*0.60
24408 (C)	dead	(9002+5000)*1.00+4014*0.40+5005*0.75+4114*0.20+6108*0.60
24409 (C)	dead	(9002+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6101*0.60
24410 (C)	dead	(9002+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6102*0.60
24411 (C)	dead	(9002+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6103*0.60
24412 (C)	dead	(9002+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6104*0.60
24413 (C)	dead	(9002+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6105*0.60
24414 (C)	dead	(9002+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6106*0.60
24415 (C)	dead	(9002+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6107*0.60
24416 (C)	dead	(9002+5000)*1.00+4014*0.40+5006*0.75+4114*0.20+6108*0.60
24417 (C)	dead	(9002+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6101*0.60
24418 (C)	dead	(9002+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6102*0.60
24419 (C)	dead	(9002+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6103*0.60
24420 (C)	dead	(9002+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6104*0.60
24421 (C)	dead	(9002+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6105*0.60
24422 (C)	dead	(9002+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6106*0.60
24423 (C)	dead	(9002+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6107*0.60
24424 (C)	dead	(9002+5000)*1.00+4014*0.40+5007*0.75+4114*0.20+6108*0.60
24425 (C)	dead	(9002+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6101*0.60
24426 (C)	dead	(9002+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6102*0.60
24427 (C)	dead	(9002+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6103*0.60
24428 (C)	dead	(9002+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6104*0.60
24429 (C)	dead	(9002+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6105*0.60
24430 (C)	dead	(9002+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6106*0.60
24431 (C)	dead	(9002+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6107*0.60
24432 (C)	dead	(9002+5000)*1.00+4015*0.40+5001*0.75+4115*0.20+6108*0.60
24433 (C)	dead	(9002+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6101*0.60
24434 (C)	dead	(9002+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6102*0.60
24435 (C)	dead	(9002+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6103*0.60
24436 (C)	dead	(9002+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6104*0.60
24437 (C)	dead	(9002+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6105*0.60
24438 (C)	dead	(9002+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6106*0.60
24439 (C)	dead	(9002+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6107*0.60

Combinations	Case nature	Definition
24440 (C)	dead	(9002+5000)*1.00+4015*0.40+5002*0.75+4115*0.20+6108*0.60
24441 (C)	dead	(9002+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6101*0.60
24442 (C)	dead	(9002+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6102*0.60
24443 (C)	dead	(9002+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6103*0.60
24444 (C)	dead	(9002+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6104*0.60
24445 (C)	dead	(9002+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6105*0.60
24446 (C)	dead	(9002+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6106*0.60
24447 (C)	dead	(9002+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6107*0.60
24448 (C)	dead	(9002+5000)*1.00+4015*0.40+5003*0.75+4115*0.20+6108*0.60
24449 (C)	dead	(9002+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6101*0.60
24450 (C)	dead	(9002+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6102*0.60
24451 (C)	dead	(9002+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6103*0.60
24452 (C)	dead	(9002+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6104*0.60
24453 (C)	dead	(9002+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6105*0.60
24454 (C)	dead	(9002+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6106*0.60
24455 (C)	dead	(9002+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6107*0.60
24456 (C)	dead	(9002+5000)*1.00+4015*0.40+5004*0.75+4115*0.20+6108*0.60
24457 (C)	dead	(9002+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6101*0.60
24458 (C)	dead	(9002+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6102*0.60
24459 (C)	dead	(9002+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6103*0.60
24460 (C)	dead	(9002+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6104*0.60
24461 (C)	dead	(9002+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6105*0.60
24462 (C)	dead	(9002+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6106*0.60
24463 (C)	dead	(9002+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6107*0.60
24464 (C)	dead	(9002+5000)*1.00+4015*0.40+5005*0.75+4115*0.20+6108*0.60
24465 (C)	dead	(9002+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6101*0.60
24466 (C)	dead	(9002+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6102*0.60
24467 (C)	dead	(9002+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6103*0.60
24468 (C)	dead	(9002+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6104*0.60
24469 (C)	dead	(9002+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6105*0.60
24470 (C)	dead	(9002+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6106*0.60
24471 (C)	dead	(9002+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6107*0.60
24472 (C)	dead	(9002+5000)*1.00+4015*0.40+5006*0.75+4115*0.20+6108*0.60
24473 (C)	dead	(9002+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6101*0.60
24474 (C)	dead	(9002+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6102*0.60
24475 (C)	dead	(9002+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6103*0.60
24476 (C)	dead	(9002+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6104*0.60
24477 (C)	dead	(9002+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6105*0.60
24478 (C)	dead	(9002+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6106*0.60
24479 (C)	dead	(9002+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6107*0.60
24480 (C)	dead	(9002+5000)*1.00+4015*0.40+5007*0.75+4115*0.20+6108*0.60
24481 (C)	dead	(9001+6101)*1.00+4000*0.40+5001*0.75+4100*0.20
24482 (C)	dead	(9001+6102)*1.00+4000*0.40+5001*0.75+4100*0.20
24483 (C)	dead	(9001+6103)*1.00+4000*0.40+5001*0.75+4100*0.20
24484 (C)	dead	(9001+6104)*1.00+4000*0.40+5001*0.75+4100*0.20
24485 (C)	dead	(9001+6105)*1.00+4000*0.40+5001*0.75+4100*0.20
24486 (C)	dead	(9001+6106)*1.00+4000*0.40+5001*0.75+4100*0.20
24487 (C)	dead	(9001+6107)*1.00+4000*0.40+5001*0.75+4100*0.20
24488 (C)	dead	(9001+6108)*1.00+4000*0.40+5001*0.75+4100*0.20
24489 (C)	dead	(9001+6101)*1.00+4000*0.40+5002*0.75+4100*0.20
24490 (C)	dead	(9001+6102)*1.00+4000*0.40+5002*0.75+4100*0.20
24491 (C)	dead	(9001+6103)*1.00+4000*0.40+5002*0.75+4100*0.20

Combinations	Case nature	Definition
24492 (C)	dead	(9001+6104)*1.00+4000*0.40+5002*0.75+4100*0.20
24493 (C)	dead	(9001+6105)*1.00+4000*0.40+5002*0.75+4100*0.20
24494 (C)	dead	(9001+6106)*1.00+4000*0.40+5002*0.75+4100*0.20
24495 (C)	dead	(9001+6107)*1.00+4000*0.40+5002*0.75+4100*0.20
24496 (C)	dead	(9001+6108)*1.00+4000*0.40+5002*0.75+4100*0.20
24497 (C)	dead	(9001+6101)*1.00+4000*0.40+5003*0.75+4100*0.20
24498 (C)	dead	(9001+6102)*1.00+4000*0.40+5003*0.75+4100*0.20
24499 (C)	dead	(9001+6103)*1.00+4000*0.40+5003*0.75+4100*0.20
24500 (C)	dead	(9001+6104)*1.00+4000*0.40+5003*0.75+4100*0.20
24501 (C)	dead	(9001+6105)*1.00+4000*0.40+5003*0.75+4100*0.20
24502 (C)	dead	(9001+6106)*1.00+4000*0.40+5003*0.75+4100*0.20
24503 (C)	dead	(9001+6107)*1.00+4000*0.40+5003*0.75+4100*0.20
24504 (C)	dead	(9001+6108)*1.00+4000*0.40+5003*0.75+4100*0.20
24505 (C)	dead	(9001+6101)*1.00+4000*0.40+5004*0.75+4100*0.20
24506 (C)	dead	(9001+6102)*1.00+4000*0.40+5004*0.75+4100*0.20
24507 (C)	dead	(9001+6103)*1.00+4000*0.40+5004*0.75+4100*0.20
24508 (C)	dead	(9001+6104)*1.00+4000*0.40+5004*0.75+4100*0.20
24509 (C)	dead	(9001+6105)*1.00+4000*0.40+5004*0.75+4100*0.20
24510 (C)	dead	(9001+6106)*1.00+4000*0.40+5004*0.75+4100*0.20
24511 (C)	dead	(9001+6107)*1.00+4000*0.40+5004*0.75+4100*0.20
24512 (C)	dead	(9001+6108)*1.00+4000*0.40+5004*0.75+4100*0.20
24513 (C)	dead	(9001+6101)*1.00+4000*0.40+5005*0.75+4100*0.20
24514 (C)	dead	(9001+6102)*1.00+4000*0.40+5005*0.75+4100*0.20
24515 (C)	dead	(9001+6103)*1.00+4000*0.40+5005*0.75+4100*0.20
24516 (C)	dead	(9001+6104)*1.00+4000*0.40+5005*0.75+4100*0.20
24517 (C)	dead	(9001+6105)*1.00+4000*0.40+5005*0.75+4100*0.20
24518 (C)	dead	(9001+6106)*1.00+4000*0.40+5005*0.75+4100*0.20
24519 (C)	dead	(9001+6107)*1.00+4000*0.40+5005*0.75+4100*0.20
24520 (C)	dead	(9001+6108)*1.00+4000*0.40+5005*0.75+4100*0.20
24521 (C)	dead	(9001+6101)*1.00+4000*0.40+5006*0.75+4100*0.20
24522 (C)	dead	(9001+6102)*1.00+4000*0.40+5006*0.75+4100*0.20
24523 (C)	dead	(9001+6103)*1.00+4000*0.40+5006*0.75+4100*0.20
24524 (C)	dead	(9001+6104)*1.00+4000*0.40+5006*0.75+4100*0.20
24525 (C)	dead	(9001+6105)*1.00+4000*0.40+5006*0.75+4100*0.20
24526 (C)	dead	(9001+6106)*1.00+4000*0.40+5006*0.75+4100*0.20
24527 (C)	dead	(9001+6107)*1.00+4000*0.40+5006*0.75+4100*0.20
24528 (C)	dead	(9001+6108)*1.00+4000*0.40+5006*0.75+4100*0.20
24529 (C)	dead	(9001+6101)*1.00+4000*0.40+5007*0.75+4100*0.20
24530 (C)	dead	(9001+6102)*1.00+4000*0.40+5007*0.75+4100*0.20
24531 (C)	dead	(9001+6103)*1.00+4000*0.40+5007*0.75+4100*0.20
24532 (C)	dead	(9001+6104)*1.00+4000*0.40+5007*0.75+4100*0.20
24533 (C)	dead	(9001+6105)*1.00+4000*0.40+5007*0.75+4100*0.20
24534 (C)	dead	(9001+6106)*1.00+4000*0.40+5007*0.75+4100*0.20
24535 (C)	dead	(9001+6107)*1.00+4000*0.40+5007*0.75+4100*0.20
24536 (C)	dead	(9001+6108)*1.00+4000*0.40+5007*0.75+4100*0.20
24537 (C)	dead	(9001+6101)*1.00+4001*0.40+5001*0.75+4101*0.20
24538 (C)	dead	(9001+6102)*1.00+4001*0.40+5001*0.75+4101*0.20
24539 (C)	dead	(9001+6103)*1.00+4001*0.40+5001*0.75+4101*0.20
24540 (C)	dead	(9001+6104)*1.00+4001*0.40+5001*0.75+4101*0.20
24541 (C)	dead	(9001+6105)*1.00+4001*0.40+5001*0.75+4101*0.20
24542 (C)	dead	(9001+6106)*1.00+4001*0.40+5001*0.75+4101*0.20
24543 (C)	dead	(9001+6107)*1.00+4001*0.40+5001*0.75+4101*0.20

Combinations	Case nature	Definition
24544 (C)	dead	(9001+6108)*1.00+4001*0.40+5001*0.75+4101*0.20
24545 (C)	dead	(9001+6101)*1.00+4001*0.40+5002*0.75+4101*0.20
24546 (C)	dead	(9001+6102)*1.00+4001*0.40+5002*0.75+4101*0.20
24547 (C)	dead	(9001+6103)*1.00+4001*0.40+5002*0.75+4101*0.20
24548 (C)	dead	(9001+6104)*1.00+4001*0.40+5002*0.75+4101*0.20
24549 (C)	dead	(9001+6105)*1.00+4001*0.40+5002*0.75+4101*0.20
24550 (C)	dead	(9001+6106)*1.00+4001*0.40+5002*0.75+4101*0.20
24551 (C)	dead	(9001+6107)*1.00+4001*0.40+5002*0.75+4101*0.20
24552 (C)	dead	(9001+6108)*1.00+4001*0.40+5002*0.75+4101*0.20
24553 (C)	dead	(9001+6101)*1.00+4001*0.40+5003*0.75+4101*0.20
24554 (C)	dead	(9001+6102)*1.00+4001*0.40+5003*0.75+4101*0.20
24555 (C)	dead	(9001+6103)*1.00+4001*0.40+5003*0.75+4101*0.20
24556 (C)	dead	(9001+6104)*1.00+4001*0.40+5003*0.75+4101*0.20
24557 (C)	dead	(9001+6105)*1.00+4001*0.40+5003*0.75+4101*0.20
24558 (C)	dead	(9001+6106)*1.00+4001*0.40+5003*0.75+4101*0.20
24559 (C)	dead	(9001+6107)*1.00+4001*0.40+5003*0.75+4101*0.20
24560 (C)	dead	(9001+6108)*1.00+4001*0.40+5003*0.75+4101*0.20
24561 (C)	dead	(9001+6101)*1.00+4001*0.40+5004*0.75+4101*0.20
24562 (C)	dead	(9001+6102)*1.00+4001*0.40+5004*0.75+4101*0.20
24563 (C)	dead	(9001+6103)*1.00+4001*0.40+5004*0.75+4101*0.20
24564 (C)	dead	(9001+6104)*1.00+4001*0.40+5004*0.75+4101*0.20
24565 (C)	dead	(9001+6105)*1.00+4001*0.40+5004*0.75+4101*0.20
24566 (C)	dead	(9001+6106)*1.00+4001*0.40+5004*0.75+4101*0.20
24567 (C)	dead	(9001+6107)*1.00+4001*0.40+5004*0.75+4101*0.20
24568 (C)	dead	(9001+6108)*1.00+4001*0.40+5004*0.75+4101*0.20
24569 (C)	dead	(9001+6101)*1.00+4001*0.40+5005*0.75+4101*0.20
24570 (C)	dead	(9001+6102)*1.00+4001*0.40+5005*0.75+4101*0.20
24571 (C)	dead	(9001+6103)*1.00+4001*0.40+5005*0.75+4101*0.20
24572 (C)	dead	(9001+6104)*1.00+4001*0.40+5005*0.75+4101*0.20
24573 (C)	dead	(9001+6105)*1.00+4001*0.40+5005*0.75+4101*0.20
24574 (C)	dead	(9001+6106)*1.00+4001*0.40+5005*0.75+4101*0.20
24575 (C)	dead	(9001+6107)*1.00+4001*0.40+5005*0.75+4101*0.20
24576 (C)	dead	(9001+6108)*1.00+4001*0.40+5005*0.75+4101*0.20
24577 (C)	dead	(9001+6101)*1.00+4001*0.40+5006*0.75+4101*0.20
24578 (C)	dead	(9001+6102)*1.00+4001*0.40+5006*0.75+4101*0.20
24579 (C)	dead	(9001+6103)*1.00+4001*0.40+5006*0.75+4101*0.20
24580 (C)	dead	(9001+6104)*1.00+4001*0.40+5006*0.75+4101*0.20
24581 (C)	dead	(9001+6105)*1.00+4001*0.40+5006*0.75+4101*0.20
24582 (C)	dead	(9001+6106)*1.00+4001*0.40+5006*0.75+4101*0.20
24583 (C)	dead	(9001+6107)*1.00+4001*0.40+5006*0.75+4101*0.20
24584 (C)	dead	(9001+6108)*1.00+4001*0.40+5006*0.75+4101*0.20
24585 (C)	dead	(9001+6101)*1.00+4001*0.40+5007*0.75+4101*0.20
24586 (C)	dead	(9001+6102)*1.00+4001*0.40+5007*0.75+4101*0.20
24587 (C)	dead	(9001+6103)*1.00+4001*0.40+5007*0.75+4101*0.20
24588 (C)	dead	(9001+6104)*1.00+4001*0.40+5007*0.75+4101*0.20
24589 (C)	dead	(9001+6105)*1.00+4001*0.40+5007*0.75+4101*0.20
24590 (C)	dead	(9001+6106)*1.00+4001*0.40+5007*0.75+4101*0.20
24591 (C)	dead	(9001+6107)*1.00+4001*0.40+5007*0.75+4101*0.20
24592 (C)	dead	(9001+6108)*1.00+4001*0.40+5007*0.75+4101*0.20
24593 (C)	dead	(9001+6101)*1.00+4002*0.40+5001*0.75+4102*0.20
24594 (C)	dead	(9001+6102)*1.00+4002*0.40+5001*0.75+4102*0.20
24595 (C)	dead	(9001+6103)*1.00+4002*0.40+5001*0.75+4102*0.20

Combinations	Case nature	Definition
24596 (C)	dead	(9001+6104)*1.00+4002*0.40+5001*0.75+4102*0.20
24597 (C)	dead	(9001+6105)*1.00+4002*0.40+5001*0.75+4102*0.20
24598 (C)	dead	(9001+6106)*1.00+4002*0.40+5001*0.75+4102*0.20
24599 (C)	dead	(9001+6107)*1.00+4002*0.40+5001*0.75+4102*0.20
24600 (C)	dead	(9001+6108)*1.00+4002*0.40+5001*0.75+4102*0.20
24601 (C)	dead	(9001+6101)*1.00+4002*0.40+5002*0.75+4102*0.20
24602 (C)	dead	(9001+6102)*1.00+4002*0.40+5002*0.75+4102*0.20
24603 (C)	dead	(9001+6103)*1.00+4002*0.40+5002*0.75+4102*0.20
24604 (C)	dead	(9001+6104)*1.00+4002*0.40+5002*0.75+4102*0.20
24605 (C)	dead	(9001+6105)*1.00+4002*0.40+5002*0.75+4102*0.20
24606 (C)	dead	(9001+6106)*1.00+4002*0.40+5002*0.75+4102*0.20
24607 (C)	dead	(9001+6107)*1.00+4002*0.40+5002*0.75+4102*0.20
24608 (C)	dead	(9001+6108)*1.00+4002*0.40+5002*0.75+4102*0.20
24609 (C)	dead	(9001+6101)*1.00+4002*0.40+5003*0.75+4102*0.20
24610 (C)	dead	(9001+6102)*1.00+4002*0.40+5003*0.75+4102*0.20
24611 (C)	dead	(9001+6103)*1.00+4002*0.40+5003*0.75+4102*0.20
24612 (C)	dead	(9001+6104)*1.00+4002*0.40+5003*0.75+4102*0.20
24613 (C)	dead	(9001+6105)*1.00+4002*0.40+5003*0.75+4102*0.20
24614 (C)	dead	(9001+6106)*1.00+4002*0.40+5003*0.75+4102*0.20
24615 (C)	dead	(9001+6107)*1.00+4002*0.40+5003*0.75+4102*0.20
24616 (C)	dead	(9001+6108)*1.00+4002*0.40+5003*0.75+4102*0.20
24617 (C)	dead	(9001+6101)*1.00+4002*0.40+5004*0.75+4102*0.20
24618 (C)	dead	(9001+6102)*1.00+4002*0.40+5004*0.75+4102*0.20
24619 (C)	dead	(9001+6103)*1.00+4002*0.40+5004*0.75+4102*0.20
24620 (C)	dead	(9001+6104)*1.00+4002*0.40+5004*0.75+4102*0.20
24621 (C)	dead	(9001+6105)*1.00+4002*0.40+5004*0.75+4102*0.20
24622 (C)	dead	(9001+6106)*1.00+4002*0.40+5004*0.75+4102*0.20
24623 (C)	dead	(9001+6107)*1.00+4002*0.40+5004*0.75+4102*0.20
24624 (C)	dead	(9001+6108)*1.00+4002*0.40+5004*0.75+4102*0.20
24625 (C)	dead	(9001+6101)*1.00+4002*0.40+5005*0.75+4102*0.20
24626 (C)	dead	(9001+6102)*1.00+4002*0.40+5005*0.75+4102*0.20
24627 (C)	dead	(9001+6103)*1.00+4002*0.40+5005*0.75+4102*0.20
24628 (C)	dead	(9001+6104)*1.00+4002*0.40+5005*0.75+4102*0.20
24629 (C)	dead	(9001+6105)*1.00+4002*0.40+5005*0.75+4102*0.20
24630 (C)	dead	(9001+6106)*1.00+4002*0.40+5005*0.75+4102*0.20
24631 (C)	dead	(9001+6107)*1.00+4002*0.40+5005*0.75+4102*0.20
24632 (C)	dead	(9001+6108)*1.00+4002*0.40+5005*0.75+4102*0.20
24633 (C)	dead	(9001+6101)*1.00+4002*0.40+5006*0.75+4102*0.20
24634 (C)	dead	(9001+6102)*1.00+4002*0.40+5006*0.75+4102*0.20
24635 (C)	dead	(9001+6103)*1.00+4002*0.40+5006*0.75+4102*0.20
24636 (C)	dead	(9001+6104)*1.00+4002*0.40+5006*0.75+4102*0.20
24637 (C)	dead	(9001+6105)*1.00+4002*0.40+5006*0.75+4102*0.20
24638 (C)	dead	(9001+6106)*1.00+4002*0.40+5006*0.75+4102*0.20
24639 (C)	dead	(9001+6107)*1.00+4002*0.40+5006*0.75+4102*0.20
24640 (C)	dead	(9001+6108)*1.00+4002*0.40+5006*0.75+4102*0.20
24641 (C)	dead	(9001+6101)*1.00+4002*0.40+5007*0.75+4102*0.20
24642 (C)	dead	(9001+6102)*1.00+4002*0.40+5007*0.75+4102*0.20
24643 (C)	dead	(9001+6103)*1.00+4002*0.40+5007*0.75+4102*0.20
24644 (C)	dead	(9001+6104)*1.00+4002*0.40+5007*0.75+4102*0.20
24645 (C)	dead	(9001+6105)*1.00+4002*0.40+5007*0.75+4102*0.20
24646 (C)	dead	(9001+6106)*1.00+4002*0.40+5007*0.75+4102*0.20
24647 (C)	dead	(9001+6107)*1.00+4002*0.40+5007*0.75+4102*0.20

Combinations	Case nature	Definition
24648 (C)	dead	(9001+6108)*1.00+4002*0.40+5007*0.75+4102*0.20
24649 (C)	dead	(9001+6101)*1.00+4003*0.40+5001*0.75+4103*0.20
24650 (C)	dead	(9001+6102)*1.00+4003*0.40+5001*0.75+4103*0.20
24651 (C)	dead	(9001+6103)*1.00+4003*0.40+5001*0.75+4103*0.20
24652 (C)	dead	(9001+6104)*1.00+4003*0.40+5001*0.75+4103*0.20
24653 (C)	dead	(9001+6105)*1.00+4003*0.40+5001*0.75+4103*0.20
24654 (C)	dead	(9001+6106)*1.00+4003*0.40+5001*0.75+4103*0.20
24655 (C)	dead	(9001+6107)*1.00+4003*0.40+5001*0.75+4103*0.20
24656 (C)	dead	(9001+6108)*1.00+4003*0.40+5001*0.75+4103*0.20
24657 (C)	dead	(9001+6101)*1.00+4003*0.40+5002*0.75+4103*0.20
24658 (C)	dead	(9001+6102)*1.00+4003*0.40+5002*0.75+4103*0.20
24659 (C)	dead	(9001+6103)*1.00+4003*0.40+5002*0.75+4103*0.20
24660 (C)	dead	(9001+6104)*1.00+4003*0.40+5002*0.75+4103*0.20
24661 (C)	dead	(9001+6105)*1.00+4003*0.40+5002*0.75+4103*0.20
24662 (C)	dead	(9001+6106)*1.00+4003*0.40+5002*0.75+4103*0.20
24663 (C)	dead	(9001+6107)*1.00+4003*0.40+5002*0.75+4103*0.20
24664 (C)	dead	(9001+6108)*1.00+4003*0.40+5002*0.75+4103*0.20
24665 (C)	dead	(9001+6101)*1.00+4003*0.40+5003*0.75+4103*0.20
24666 (C)	dead	(9001+6102)*1.00+4003*0.40+5003*0.75+4103*0.20
24667 (C)	dead	(9001+6103)*1.00+4003*0.40+5003*0.75+4103*0.20
24668 (C)	dead	(9001+6104)*1.00+4003*0.40+5003*0.75+4103*0.20
24669 (C)	dead	(9001+6105)*1.00+4003*0.40+5003*0.75+4103*0.20
24670 (C)	dead	(9001+6106)*1.00+4003*0.40+5003*0.75+4103*0.20
24671 (C)	dead	(9001+6107)*1.00+4003*0.40+5003*0.75+4103*0.20
24672 (C)	dead	(9001+6108)*1.00+4003*0.40+5003*0.75+4103*0.20
24673 (C)	dead	(9001+6101)*1.00+4003*0.40+5004*0.75+4103*0.20
24674 (C)	dead	(9001+6102)*1.00+4003*0.40+5004*0.75+4103*0.20
24675 (C)	dead	(9001+6103)*1.00+4003*0.40+5004*0.75+4103*0.20
24676 (C)	dead	(9001+6104)*1.00+4003*0.40+5004*0.75+4103*0.20
24677 (C)	dead	(9001+6105)*1.00+4003*0.40+5004*0.75+4103*0.20
24678 (C)	dead	(9001+6106)*1.00+4003*0.40+5004*0.75+4103*0.20
24679 (C)	dead	(9001+6107)*1.00+4003*0.40+5004*0.75+4103*0.20
24680 (C)	dead	(9001+6108)*1.00+4003*0.40+5004*0.75+4103*0.20
24681 (C)	dead	(9001+6101)*1.00+4003*0.40+5005*0.75+4103*0.20
24682 (C)	dead	(9001+6102)*1.00+4003*0.40+5005*0.75+4103*0.20
24683 (C)	dead	(9001+6103)*1.00+4003*0.40+5005*0.75+4103*0.20
24684 (C)	dead	(9001+6104)*1.00+4003*0.40+5005*0.75+4103*0.20
24685 (C)	dead	(9001+6105)*1.00+4003*0.40+5005*0.75+4103*0.20
24686 (C)	dead	(9001+6106)*1.00+4003*0.40+5005*0.75+4103*0.20
24687 (C)	dead	(9001+6107)*1.00+4003*0.40+5005*0.75+4103*0.20
24688 (C)	dead	(9001+6108)*1.00+4003*0.40+5005*0.75+4103*0.20
24689 (C)	dead	(9001+6101)*1.00+4003*0.40+5006*0.75+4103*0.20
24690 (C)	dead	(9001+6102)*1.00+4003*0.40+5006*0.75+4103*0.20
24691 (C)	dead	(9001+6103)*1.00+4003*0.40+5006*0.75+4103*0.20
24692 (C)	dead	(9001+6104)*1.00+4003*0.40+5006*0.75+4103*0.20
24693 (C)	dead	(9001+6105)*1.00+4003*0.40+5006*0.75+4103*0.20
24694 (C)	dead	(9001+6106)*1.00+4003*0.40+5006*0.75+4103*0.20
24695 (C)	dead	(9001+6107)*1.00+4003*0.40+5006*0.75+4103*0.20
24696 (C)	dead	(9001+6108)*1.00+4003*0.40+5006*0.75+4103*0.20
24697 (C)	dead	(9001+6101)*1.00+4003*0.40+5007*0.75+4103*0.20
24698 (C)	dead	(9001+6102)*1.00+4003*0.40+5007*0.75+4103*0.20
24699 (C)	dead	(9001+6103)*1.00+4003*0.40+5007*0.75+4103*0.20

Combinations	Case nature	Definition
24700 (C)	dead	(9001+6104)*1.00+4003*0.40+5007*0.75+4103*0.20
24701 (C)	dead	(9001+6105)*1.00+4003*0.40+5007*0.75+4103*0.20
24702 (C)	dead	(9001+6106)*1.00+4003*0.40+5007*0.75+4103*0.20
24703 (C)	dead	(9001+6107)*1.00+4003*0.40+5007*0.75+4103*0.20
24704 (C)	dead	(9001+6108)*1.00+4003*0.40+5007*0.75+4103*0.20
24705 (C)	dead	(9001+6101)*1.00+4004*0.40+5001*0.75+4104*0.20
24706 (C)	dead	(9001+6102)*1.00+4004*0.40+5001*0.75+4104*0.20
24707 (C)	dead	(9001+6103)*1.00+4004*0.40+5001*0.75+4104*0.20
24708 (C)	dead	(9001+6104)*1.00+4004*0.40+5001*0.75+4104*0.20
24709 (C)	dead	(9001+6105)*1.00+4004*0.40+5001*0.75+4104*0.20
24710 (C)	dead	(9001+6106)*1.00+4004*0.40+5001*0.75+4104*0.20
24711 (C)	dead	(9001+6107)*1.00+4004*0.40+5001*0.75+4104*0.20
24712 (C)	dead	(9001+6108)*1.00+4004*0.40+5001*0.75+4104*0.20
24713 (C)	dead	(9001+6101)*1.00+4004*0.40+5002*0.75+4104*0.20
24714 (C)	dead	(9001+6102)*1.00+4004*0.40+5002*0.75+4104*0.20
24715 (C)	dead	(9001+6103)*1.00+4004*0.40+5002*0.75+4104*0.20
24716 (C)	dead	(9001+6104)*1.00+4004*0.40+5002*0.75+4104*0.20
24717 (C)	dead	(9001+6105)*1.00+4004*0.40+5002*0.75+4104*0.20
24718 (C)	dead	(9001+6106)*1.00+4004*0.40+5002*0.75+4104*0.20
24719 (C)	dead	(9001+6107)*1.00+4004*0.40+5002*0.75+4104*0.20
24720 (C)	dead	(9001+6108)*1.00+4004*0.40+5002*0.75+4104*0.20
24721 (C)	dead	(9001+6101)*1.00+4004*0.40+5003*0.75+4104*0.20
24722 (C)	dead	(9001+6102)*1.00+4004*0.40+5003*0.75+4104*0.20
24723 (C)	dead	(9001+6103)*1.00+4004*0.40+5003*0.75+4104*0.20
24724 (C)	dead	(9001+6104)*1.00+4004*0.40+5003*0.75+4104*0.20
24725 (C)	dead	(9001+6105)*1.00+4004*0.40+5003*0.75+4104*0.20
24726 (C)	dead	(9001+6106)*1.00+4004*0.40+5003*0.75+4104*0.20
24727 (C)	dead	(9001+6107)*1.00+4004*0.40+5003*0.75+4104*0.20
24728 (C)	dead	(9001+6108)*1.00+4004*0.40+5003*0.75+4104*0.20
24729 (C)	dead	(9001+6101)*1.00+4004*0.40+5004*0.75+4104*0.20
24730 (C)	dead	(9001+6102)*1.00+4004*0.40+5004*0.75+4104*0.20
24731 (C)	dead	(9001+6103)*1.00+4004*0.40+5004*0.75+4104*0.20
24732 (C)	dead	(9001+6104)*1.00+4004*0.40+5004*0.75+4104*0.20
24733 (C)	dead	(9001+6105)*1.00+4004*0.40+5004*0.75+4104*0.20
24734 (C)	dead	(9001+6106)*1.00+4004*0.40+5004*0.75+4104*0.20
24735 (C)	dead	(9001+6107)*1.00+4004*0.40+5004*0.75+4104*0.20
24736 (C)	dead	(9001+6108)*1.00+4004*0.40+5004*0.75+4104*0.20
24737 (C)	dead	(9001+6101)*1.00+4004*0.40+5005*0.75+4104*0.20
24738 (C)	dead	(9001+6102)*1.00+4004*0.40+5005*0.75+4104*0.20
24739 (C)	dead	(9001+6103)*1.00+4004*0.40+5005*0.75+4104*0.20
24740 (C)	dead	(9001+6104)*1.00+4004*0.40+5005*0.75+4104*0.20
24741 (C)	dead	(9001+6105)*1.00+4004*0.40+5005*0.75+4104*0.20
24742 (C)	dead	(9001+6106)*1.00+4004*0.40+5005*0.75+4104*0.20
24743 (C)	dead	(9001+6107)*1.00+4004*0.40+5005*0.75+4104*0.20
24744 (C)	dead	(9001+6108)*1.00+4004*0.40+5005*0.75+4104*0.20
24745 (C)	dead	(9001+6101)*1.00+4004*0.40+5006*0.75+4104*0.20
24746 (C)	dead	(9001+6102)*1.00+4004*0.40+5006*0.75+4104*0.20
24747 (C)	dead	(9001+6103)*1.00+4004*0.40+5006*0.75+4104*0.20
24748 (C)	dead	(9001+6104)*1.00+4004*0.40+5006*0.75+4104*0.20
24749 (C)	dead	(9001+6105)*1.00+4004*0.40+5006*0.75+4104*0.20
24750 (C)	dead	(9001+6106)*1.00+4004*0.40+5006*0.75+4104*0.20
24751 (C)	dead	(9001+6107)*1.00+4004*0.40+5006*0.75+4104*0.20

Combinations	Case nature	Definition
24752 (C)	dead	(9001+6108)*1.00+4004*0.40+5006*0.75+4104*0.20
24753 (C)	dead	(9001+6101)*1.00+4004*0.40+5007*0.75+4104*0.20
24754 (C)	dead	(9001+6102)*1.00+4004*0.40+5007*0.75+4104*0.20
24755 (C)	dead	(9001+6103)*1.00+4004*0.40+5007*0.75+4104*0.20
24756 (C)	dead	(9001+6104)*1.00+4004*0.40+5007*0.75+4104*0.20
24757 (C)	dead	(9001+6105)*1.00+4004*0.40+5007*0.75+4104*0.20
24758 (C)	dead	(9001+6106)*1.00+4004*0.40+5007*0.75+4104*0.20
24759 (C)	dead	(9001+6107)*1.00+4004*0.40+5007*0.75+4104*0.20
24760 (C)	dead	(9001+6108)*1.00+4004*0.40+5007*0.75+4104*0.20
24761 (C)	dead	(9001+6101)*1.00+4005*0.40+5001*0.75+4105*0.20
24762 (C)	dead	(9001+6102)*1.00+4005*0.40+5001*0.75+4105*0.20
24763 (C)	dead	(9001+6103)*1.00+4005*0.40+5001*0.75+4105*0.20
24764 (C)	dead	(9001+6104)*1.00+4005*0.40+5001*0.75+4105*0.20
24765 (C)	dead	(9001+6105)*1.00+4005*0.40+5001*0.75+4105*0.20
24766 (C)	dead	(9001+6106)*1.00+4005*0.40+5001*0.75+4105*0.20
24767 (C)	dead	(9001+6107)*1.00+4005*0.40+5001*0.75+4105*0.20
24768 (C)	dead	(9001+6108)*1.00+4005*0.40+5001*0.75+4105*0.20
24769 (C)	dead	(9001+6101)*1.00+4005*0.40+5002*0.75+4105*0.20
24770 (C)	dead	(9001+6102)*1.00+4005*0.40+5002*0.75+4105*0.20
24771 (C)	dead	(9001+6103)*1.00+4005*0.40+5002*0.75+4105*0.20
24772 (C)	dead	(9001+6104)*1.00+4005*0.40+5002*0.75+4105*0.20
24773 (C)	dead	(9001+6105)*1.00+4005*0.40+5002*0.75+4105*0.20
24774 (C)	dead	(9001+6106)*1.00+4005*0.40+5002*0.75+4105*0.20
24775 (C)	dead	(9001+6107)*1.00+4005*0.40+5002*0.75+4105*0.20
24776 (C)	dead	(9001+6108)*1.00+4005*0.40+5002*0.75+4105*0.20
24777 (C)	dead	(9001+6101)*1.00+4005*0.40+5003*0.75+4105*0.20
24778 (C)	dead	(9001+6102)*1.00+4005*0.40+5003*0.75+4105*0.20
24779 (C)	dead	(9001+6103)*1.00+4005*0.40+5003*0.75+4105*0.20
24780 (C)	dead	(9001+6104)*1.00+4005*0.40+5003*0.75+4105*0.20
24781 (C)	dead	(9001+6105)*1.00+4005*0.40+5003*0.75+4105*0.20
24782 (C)	dead	(9001+6106)*1.00+4005*0.40+5003*0.75+4105*0.20
24783 (C)	dead	(9001+6107)*1.00+4005*0.40+5003*0.75+4105*0.20
24784 (C)	dead	(9001+6108)*1.00+4005*0.40+5003*0.75+4105*0.20
24785 (C)	dead	(9001+6101)*1.00+4005*0.40+5004*0.75+4105*0.20
24786 (C)	dead	(9001+6102)*1.00+4005*0.40+5004*0.75+4105*0.20
24787 (C)	dead	(9001+6103)*1.00+4005*0.40+5004*0.75+4105*0.20
24788 (C)	dead	(9001+6104)*1.00+4005*0.40+5004*0.75+4105*0.20
24789 (C)	dead	(9001+6105)*1.00+4005*0.40+5004*0.75+4105*0.20
24790 (C)	dead	(9001+6106)*1.00+4005*0.40+5004*0.75+4105*0.20
24791 (C)	dead	(9001+6107)*1.00+4005*0.40+5004*0.75+4105*0.20
24792 (C)	dead	(9001+6108)*1.00+4005*0.40+5004*0.75+4105*0.20
24793 (C)	dead	(9001+6101)*1.00+4005*0.40+5005*0.75+4105*0.20
24794 (C)	dead	(9001+6102)*1.00+4005*0.40+5005*0.75+4105*0.20
24795 (C)	dead	(9001+6103)*1.00+4005*0.40+5005*0.75+4105*0.20
24796 (C)	dead	(9001+6104)*1.00+4005*0.40+5005*0.75+4105*0.20
24797 (C)	dead	(9001+6105)*1.00+4005*0.40+5005*0.75+4105*0.20
24798 (C)	dead	(9001+6106)*1.00+4005*0.40+5005*0.75+4105*0.20
24799 (C)	dead	(9001+6107)*1.00+4005*0.40+5005*0.75+4105*0.20
24800 (C)	dead	(9001+6108)*1.00+4005*0.40+5005*0.75+4105*0.20
24801 (C)	dead	(9001+6101)*1.00+4005*0.40+5006*0.75+4105*0.20
24802 (C)	dead	(9001+6102)*1.00+4005*0.40+5006*0.75+4105*0.20
24803 (C)	dead	(9001+6103)*1.00+4005*0.40+5006*0.75+4105*0.20

Combinations	Case nature	Definition
24804 (C)	dead	(9001+6104)*1.00+4005*0.40+5006*0.75+4105*0.20
24805 (C)	dead	(9001+6105)*1.00+4005*0.40+5006*0.75+4105*0.20
24806 (C)	dead	(9001+6106)*1.00+4005*0.40+5006*0.75+4105*0.20
24807 (C)	dead	(9001+6107)*1.00+4005*0.40+5006*0.75+4105*0.20
24808 (C)	dead	(9001+6108)*1.00+4005*0.40+5006*0.75+4105*0.20
24809 (C)	dead	(9001+6101)*1.00+4005*0.40+5007*0.75+4105*0.20
24810 (C)	dead	(9001+6102)*1.00+4005*0.40+5007*0.75+4105*0.20
24811 (C)	dead	(9001+6103)*1.00+4005*0.40+5007*0.75+4105*0.20
24812 (C)	dead	(9001+6104)*1.00+4005*0.40+5007*0.75+4105*0.20
24813 (C)	dead	(9001+6105)*1.00+4005*0.40+5007*0.75+4105*0.20
24814 (C)	dead	(9001+6106)*1.00+4005*0.40+5007*0.75+4105*0.20
24815 (C)	dead	(9001+6107)*1.00+4005*0.40+5007*0.75+4105*0.20
24816 (C)	dead	(9001+6108)*1.00+4005*0.40+5007*0.75+4105*0.20
24817 (C)	dead	(9001+6101)*1.00+4006*0.40+5001*0.75+4106*0.20
24818 (C)	dead	(9001+6102)*1.00+4006*0.40+5001*0.75+4106*0.20
24819 (C)	dead	(9001+6103)*1.00+4006*0.40+5001*0.75+4106*0.20
24820 (C)	dead	(9001+6104)*1.00+4006*0.40+5001*0.75+4106*0.20
24821 (C)	dead	(9001+6105)*1.00+4006*0.40+5001*0.75+4106*0.20
24822 (C)	dead	(9001+6106)*1.00+4006*0.40+5001*0.75+4106*0.20
24823 (C)	dead	(9001+6107)*1.00+4006*0.40+5001*0.75+4106*0.20
24824 (C)	dead	(9001+6108)*1.00+4006*0.40+5001*0.75+4106*0.20
24825 (C)	dead	(9001+6101)*1.00+4006*0.40+5002*0.75+4106*0.20
24826 (C)	dead	(9001+6102)*1.00+4006*0.40+5002*0.75+4106*0.20
24827 (C)	dead	(9001+6103)*1.00+4006*0.40+5002*0.75+4106*0.20
24828 (C)	dead	(9001+6104)*1.00+4006*0.40+5002*0.75+4106*0.20
24829 (C)	dead	(9001+6105)*1.00+4006*0.40+5002*0.75+4106*0.20
24830 (C)	dead	(9001+6106)*1.00+4006*0.40+5002*0.75+4106*0.20
24831 (C)	dead	(9001+6107)*1.00+4006*0.40+5002*0.75+4106*0.20
24832 (C)	dead	(9001+6108)*1.00+4006*0.40+5002*0.75+4106*0.20
24833 (C)	dead	(9001+6101)*1.00+4006*0.40+5003*0.75+4106*0.20
24834 (C)	dead	(9001+6102)*1.00+4006*0.40+5003*0.75+4106*0.20
24835 (C)	dead	(9001+6103)*1.00+4006*0.40+5003*0.75+4106*0.20
24836 (C)	dead	(9001+6104)*1.00+4006*0.40+5003*0.75+4106*0.20
24837 (C)	dead	(9001+6105)*1.00+4006*0.40+5003*0.75+4106*0.20
24838 (C)	dead	(9001+6106)*1.00+4006*0.40+5003*0.75+4106*0.20
24839 (C)	dead	(9001+6107)*1.00+4006*0.40+5003*0.75+4106*0.20
24840 (C)	dead	(9001+6108)*1.00+4006*0.40+5003*0.75+4106*0.20
24841 (C)	dead	(9001+6101)*1.00+4006*0.40+5004*0.75+4106*0.20
24842 (C)	dead	(9001+6102)*1.00+4006*0.40+5004*0.75+4106*0.20
24843 (C)	dead	(9001+6103)*1.00+4006*0.40+5004*0.75+4106*0.20
24844 (C)	dead	(9001+6104)*1.00+4006*0.40+5004*0.75+4106*0.20
24845 (C)	dead	(9001+6105)*1.00+4006*0.40+5004*0.75+4106*0.20
24846 (C)	dead	(9001+6106)*1.00+4006*0.40+5004*0.75+4106*0.20
24847 (C)	dead	(9001+6107)*1.00+4006*0.40+5004*0.75+4106*0.20
24848 (C)	dead	(9001+6108)*1.00+4006*0.40+5004*0.75+4106*0.20
24849 (C)	dead	(9001+6101)*1.00+4006*0.40+5005*0.75+4106*0.20
24850 (C)	dead	(9001+6102)*1.00+4006*0.40+5005*0.75+4106*0.20
24851 (C)	dead	(9001+6103)*1.00+4006*0.40+5005*0.75+4106*0.20
24852 (C)	dead	(9001+6104)*1.00+4006*0.40+5005*0.75+4106*0.20
24853 (C)	dead	(9001+6105)*1.00+4006*0.40+5005*0.75+4106*0.20
24854 (C)	dead	(9001+6106)*1.00+4006*0.40+5005*0.75+4106*0.20
24855 (C)	dead	(9001+6107)*1.00+4006*0.40+5005*0.75+4106*0.20

Combinations	Case nature	Definition
24856 (C)	dead	(9001+6108)*1.00+4006*0.40+5005*0.75+4106*0.20
24857 (C)	dead	(9001+6101)*1.00+4006*0.40+5006*0.75+4106*0.20
24858 (C)	dead	(9001+6102)*1.00+4006*0.40+5006*0.75+4106*0.20
24859 (C)	dead	(9001+6103)*1.00+4006*0.40+5006*0.75+4106*0.20
24860 (C)	dead	(9001+6104)*1.00+4006*0.40+5006*0.75+4106*0.20
24861 (C)	dead	(9001+6105)*1.00+4006*0.40+5006*0.75+4106*0.20
24862 (C)	dead	(9001+6106)*1.00+4006*0.40+5006*0.75+4106*0.20
24863 (C)	dead	(9001+6107)*1.00+4006*0.40+5006*0.75+4106*0.20
24864 (C)	dead	(9001+6108)*1.00+4006*0.40+5006*0.75+4106*0.20
24865 (C)	dead	(9001+6101)*1.00+4006*0.40+5007*0.75+4106*0.20
24866 (C)	dead	(9001+6102)*1.00+4006*0.40+5007*0.75+4106*0.20
24867 (C)	dead	(9001+6103)*1.00+4006*0.40+5007*0.75+4106*0.20
24868 (C)	dead	(9001+6104)*1.00+4006*0.40+5007*0.75+4106*0.20
24869 (C)	dead	(9001+6105)*1.00+4006*0.40+5007*0.75+4106*0.20
24870 (C)	dead	(9001+6106)*1.00+4006*0.40+5007*0.75+4106*0.20
24871 (C)	dead	(9001+6107)*1.00+4006*0.40+5007*0.75+4106*0.20
24872 (C)	dead	(9001+6108)*1.00+4006*0.40+5007*0.75+4106*0.20
24873 (C)	dead	(9001+6101)*1.00+4007*0.40+5001*0.75+4107*0.20
24874 (C)	dead	(9001+6102)*1.00+4007*0.40+5001*0.75+4107*0.20
24875 (C)	dead	(9001+6103)*1.00+4007*0.40+5001*0.75+4107*0.20
24876 (C)	dead	(9001+6104)*1.00+4007*0.40+5001*0.75+4107*0.20
24877 (C)	dead	(9001+6105)*1.00+4007*0.40+5001*0.75+4107*0.20
24878 (C)	dead	(9001+6106)*1.00+4007*0.40+5001*0.75+4107*0.20
24879 (C)	dead	(9001+6107)*1.00+4007*0.40+5001*0.75+4107*0.20
24880 (C)	dead	(9001+6108)*1.00+4007*0.40+5001*0.75+4107*0.20
24881 (C)	dead	(9001+6101)*1.00+4007*0.40+5002*0.75+4107*0.20
24882 (C)	dead	(9001+6102)*1.00+4007*0.40+5002*0.75+4107*0.20
24883 (C)	dead	(9001+6103)*1.00+4007*0.40+5002*0.75+4107*0.20
24884 (C)	dead	(9001+6104)*1.00+4007*0.40+5002*0.75+4107*0.20
24885 (C)	dead	(9001+6105)*1.00+4007*0.40+5002*0.75+4107*0.20
24886 (C)	dead	(9001+6106)*1.00+4007*0.40+5002*0.75+4107*0.20
24887 (C)	dead	(9001+6107)*1.00+4007*0.40+5002*0.75+4107*0.20
24888 (C)	dead	(9001+6108)*1.00+4007*0.40+5002*0.75+4107*0.20
24889 (C)	dead	(9001+6101)*1.00+4007*0.40+5003*0.75+4107*0.20
24890 (C)	dead	(9001+6102)*1.00+4007*0.40+5003*0.75+4107*0.20
24891 (C)	dead	(9001+6103)*1.00+4007*0.40+5003*0.75+4107*0.20
24892 (C)	dead	(9001+6104)*1.00+4007*0.40+5003*0.75+4107*0.20
24893 (C)	dead	(9001+6105)*1.00+4007*0.40+5003*0.75+4107*0.20
24894 (C)	dead	(9001+6106)*1.00+4007*0.40+5003*0.75+4107*0.20
24895 (C)	dead	(9001+6107)*1.00+4007*0.40+5003*0.75+4107*0.20
24896 (C)	dead	(9001+6108)*1.00+4007*0.40+5003*0.75+4107*0.20
24897 (C)	dead	(9001+6101)*1.00+4007*0.40+5004*0.75+4107*0.20
24898 (C)	dead	(9001+6102)*1.00+4007*0.40+5004*0.75+4107*0.20
24899 (C)	dead	(9001+6103)*1.00+4007*0.40+5004*0.75+4107*0.20
24900 (C)	dead	(9001+6104)*1.00+4007*0.40+5004*0.75+4107*0.20
24901 (C)	dead	(9001+6105)*1.00+4007*0.40+5004*0.75+4107*0.20
24902 (C)	dead	(9001+6106)*1.00+4007*0.40+5004*0.75+4107*0.20
24903 (C)	dead	(9001+6107)*1.00+4007*0.40+5004*0.75+4107*0.20
24904 (C)	dead	(9001+6108)*1.00+4007*0.40+5004*0.75+4107*0.20
24905 (C)	dead	(9001+6101)*1.00+4007*0.40+5005*0.75+4107*0.20
24906 (C)	dead	(9001+6102)*1.00+4007*0.40+5005*0.75+4107*0.20
24907 (C)	dead	(9001+6103)*1.00+4007*0.40+5005*0.75+4107*0.20

Combinations	Case nature	Definition
24908 (C)	dead	(9001+6104)*1.00+4007*0.40+5005*0.75+4107*0.20
24909 (C)	dead	(9001+6105)*1.00+4007*0.40+5005*0.75+4107*0.20
24910 (C)	dead	(9001+6106)*1.00+4007*0.40+5005*0.75+4107*0.20
24911 (C)	dead	(9001+6107)*1.00+4007*0.40+5005*0.75+4107*0.20
24912 (C)	dead	(9001+6108)*1.00+4007*0.40+5005*0.75+4107*0.20
24913 (C)	dead	(9001+6101)*1.00+4007*0.40+5006*0.75+4107*0.20
24914 (C)	dead	(9001+6102)*1.00+4007*0.40+5006*0.75+4107*0.20
24915 (C)	dead	(9001+6103)*1.00+4007*0.40+5006*0.75+4107*0.20
24916 (C)	dead	(9001+6104)*1.00+4007*0.40+5006*0.75+4107*0.20
24917 (C)	dead	(9001+6105)*1.00+4007*0.40+5006*0.75+4107*0.20
24918 (C)	dead	(9001+6106)*1.00+4007*0.40+5006*0.75+4107*0.20
24919 (C)	dead	(9001+6107)*1.00+4007*0.40+5006*0.75+4107*0.20
24920 (C)	dead	(9001+6108)*1.00+4007*0.40+5006*0.75+4107*0.20
24921 (C)	dead	(9001+6101)*1.00+4007*0.40+5007*0.75+4107*0.20
24922 (C)	dead	(9001+6102)*1.00+4007*0.40+5007*0.75+4107*0.20
24923 (C)	dead	(9001+6103)*1.00+4007*0.40+5007*0.75+4107*0.20
24924 (C)	dead	(9001+6104)*1.00+4007*0.40+5007*0.75+4107*0.20
24925 (C)	dead	(9001+6105)*1.00+4007*0.40+5007*0.75+4107*0.20
24926 (C)	dead	(9001+6106)*1.00+4007*0.40+5007*0.75+4107*0.20
24927 (C)	dead	(9001+6107)*1.00+4007*0.40+5007*0.75+4107*0.20
24928 (C)	dead	(9001+6108)*1.00+4007*0.40+5007*0.75+4107*0.20
24929 (C)	dead	(9001+6101)*1.00+4008*0.40+5001*0.75+4108*0.20
24930 (C)	dead	(9001+6102)*1.00+4008*0.40+5001*0.75+4108*0.20
24931 (C)	dead	(9001+6103)*1.00+4008*0.40+5001*0.75+4108*0.20
24932 (C)	dead	(9001+6104)*1.00+4008*0.40+5001*0.75+4108*0.20
24933 (C)	dead	(9001+6105)*1.00+4008*0.40+5001*0.75+4108*0.20
24934 (C)	dead	(9001+6106)*1.00+4008*0.40+5001*0.75+4108*0.20
24935 (C)	dead	(9001+6107)*1.00+4008*0.40+5001*0.75+4108*0.20
24936 (C)	dead	(9001+6108)*1.00+4008*0.40+5001*0.75+4108*0.20
24937 (C)	dead	(9001+6101)*1.00+4008*0.40+5002*0.75+4108*0.20
24938 (C)	dead	(9001+6102)*1.00+4008*0.40+5002*0.75+4108*0.20
24939 (C)	dead	(9001+6103)*1.00+4008*0.40+5002*0.75+4108*0.20
24940 (C)	dead	(9001+6104)*1.00+4008*0.40+5002*0.75+4108*0.20
24941 (C)	dead	(9001+6105)*1.00+4008*0.40+5002*0.75+4108*0.20
24942 (C)	dead	(9001+6106)*1.00+4008*0.40+5002*0.75+4108*0.20
24943 (C)	dead	(9001+6107)*1.00+4008*0.40+5002*0.75+4108*0.20
24944 (C)	dead	(9001+6108)*1.00+4008*0.40+5002*0.75+4108*0.20
24945 (C)	dead	(9001+6101)*1.00+4008*0.40+5003*0.75+4108*0.20
24946 (C)	dead	(9001+6102)*1.00+4008*0.40+5003*0.75+4108*0.20
24947 (C)	dead	(9001+6103)*1.00+4008*0.40+5003*0.75+4108*0.20
24948 (C)	dead	(9001+6104)*1.00+4008*0.40+5003*0.75+4108*0.20
24949 (C)	dead	(9001+6105)*1.00+4008*0.40+5003*0.75+4108*0.20
24950 (C)	dead	(9001+6106)*1.00+4008*0.40+5003*0.75+4108*0.20
24951 (C)	dead	(9001+6107)*1.00+4008*0.40+5003*0.75+4108*0.20
24952 (C)	dead	(9001+6108)*1.00+4008*0.40+5003*0.75+4108*0.20
24953 (C)	dead	(9001+6101)*1.00+4008*0.40+5004*0.75+4108*0.20
24954 (C)	dead	(9001+6102)*1.00+4008*0.40+5004*0.75+4108*0.20
24955 (C)	dead	(9001+6103)*1.00+4008*0.40+5004*0.75+4108*0.20
24956 (C)	dead	(9001+6104)*1.00+4008*0.40+5004*0.75+4108*0.20
24957 (C)	dead	(9001+6105)*1.00+4008*0.40+5004*0.75+4108*0.20
24958 (C)	dead	(9001+6106)*1.00+4008*0.40+5004*0.75+4108*0.20
24959 (C)	dead	(9001+6107)*1.00+4008*0.40+5004*0.75+4108*0.20

Combinations	Case nature	Definition
24960 (C)	dead	(9001+6108)*1.00+4008*0.40+5004*0.75+4108*0.20
24961 (C)	dead	(9001+6101)*1.00+4008*0.40+5005*0.75+4108*0.20
24962 (C)	dead	(9001+6102)*1.00+4008*0.40+5005*0.75+4108*0.20
24963 (C)	dead	(9001+6103)*1.00+4008*0.40+5005*0.75+4108*0.20
24964 (C)	dead	(9001+6104)*1.00+4008*0.40+5005*0.75+4108*0.20
24965 (C)	dead	(9001+6105)*1.00+4008*0.40+5005*0.75+4108*0.20
24966 (C)	dead	(9001+6106)*1.00+4008*0.40+5005*0.75+4108*0.20
24967 (C)	dead	(9001+6107)*1.00+4008*0.40+5005*0.75+4108*0.20
24968 (C)	dead	(9001+6108)*1.00+4008*0.40+5005*0.75+4108*0.20
24969 (C)	dead	(9001+6101)*1.00+4008*0.40+5006*0.75+4108*0.20
24970 (C)	dead	(9001+6102)*1.00+4008*0.40+5006*0.75+4108*0.20
24971 (C)	dead	(9001+6103)*1.00+4008*0.40+5006*0.75+4108*0.20
24972 (C)	dead	(9001+6104)*1.00+4008*0.40+5006*0.75+4108*0.20
24973 (C)	dead	(9001+6105)*1.00+4008*0.40+5006*0.75+4108*0.20
24974 (C)	dead	(9001+6106)*1.00+4008*0.40+5006*0.75+4108*0.20
24975 (C)	dead	(9001+6107)*1.00+4008*0.40+5006*0.75+4108*0.20
24976 (C)	dead	(9001+6108)*1.00+4008*0.40+5006*0.75+4108*0.20
24977 (C)	dead	(9001+6101)*1.00+4008*0.40+5007*0.75+4108*0.20
24978 (C)	dead	(9001+6102)*1.00+4008*0.40+5007*0.75+4108*0.20
24979 (C)	dead	(9001+6103)*1.00+4008*0.40+5007*0.75+4108*0.20
24980 (C)	dead	(9001+6104)*1.00+4008*0.40+5007*0.75+4108*0.20
24981 (C)	dead	(9001+6105)*1.00+4008*0.40+5007*0.75+4108*0.20
24982 (C)	dead	(9001+6106)*1.00+4008*0.40+5007*0.75+4108*0.20
24983 (C)	dead	(9001+6107)*1.00+4008*0.40+5007*0.75+4108*0.20
24984 (C)	dead	(9001+6108)*1.00+4008*0.40+5007*0.75+4108*0.20
24985 (C)	dead	(9001+6101)*1.00+4009*0.40+5001*0.75+4109*0.20
24986 (C)	dead	(9001+6102)*1.00+4009*0.40+5001*0.75+4109*0.20
24987 (C)	dead	(9001+6103)*1.00+4009*0.40+5001*0.75+4109*0.20
24988 (C)	dead	(9001+6104)*1.00+4009*0.40+5001*0.75+4109*0.20
24989 (C)	dead	(9001+6105)*1.00+4009*0.40+5001*0.75+4109*0.20
24990 (C)	dead	(9001+6106)*1.00+4009*0.40+5001*0.75+4109*0.20
24991 (C)	dead	(9001+6107)*1.00+4009*0.40+5001*0.75+4109*0.20
24992 (C)	dead	(9001+6108)*1.00+4009*0.40+5001*0.75+4109*0.20
24993 (C)	dead	(9001+6101)*1.00+4009*0.40+5002*0.75+4109*0.20
24994 (C)	dead	(9001+6102)*1.00+4009*0.40+5002*0.75+4109*0.20
24995 (C)	dead	(9001+6103)*1.00+4009*0.40+5002*0.75+4109*0.20
24996 (C)	dead	(9001+6104)*1.00+4009*0.40+5002*0.75+4109*0.20
24997 (C)	dead	(9001+6105)*1.00+4009*0.40+5002*0.75+4109*0.20
24998 (C)	dead	(9001+6106)*1.00+4009*0.40+5002*0.75+4109*0.20
24999 (C)	dead	(9001+6107)*1.00+4009*0.40+5002*0.75+4109*0.20
25000 (C)	dead	(9001+6108)*1.00+4009*0.40+5002*0.75+4109*0.20
25001 (C)	dead	(9001+6101)*1.00+4009*0.40+5003*0.75+4109*0.20
25002 (C)	dead	(9001+6102)*1.00+4009*0.40+5003*0.75+4109*0.20
25003 (C)	dead	(9001+6103)*1.00+4009*0.40+5003*0.75+4109*0.20
25004 (C)	dead	(9001+6104)*1.00+4009*0.40+5003*0.75+4109*0.20
25005 (C)	dead	(9001+6105)*1.00+4009*0.40+5003*0.75+4109*0.20
25006 (C)	dead	(9001+6106)*1.00+4009*0.40+5003*0.75+4109*0.20
25007 (C)	dead	(9001+6107)*1.00+4009*0.40+5003*0.75+4109*0.20
25008 (C)	dead	(9001+6108)*1.00+4009*0.40+5003*0.75+4109*0.20
25009 (C)	dead	(9001+6101)*1.00+4009*0.40+5004*0.75+4109*0.20
25010 (C)	dead	(9001+6102)*1.00+4009*0.40+5004*0.75+4109*0.20
25011 (C)	dead	(9001+6103)*1.00+4009*0.40+5004*0.75+4109*0.20

Combinations	Case nature	Definition
25012 (C)	dead	(9001+6104)*1.00+4009*0.40+5004*0.75+4109*0.20
25013 (C)	dead	(9001+6105)*1.00+4009*0.40+5004*0.75+4109*0.20
25014 (C)	dead	(9001+6106)*1.00+4009*0.40+5004*0.75+4109*0.20
25015 (C)	dead	(9001+6107)*1.00+4009*0.40+5004*0.75+4109*0.20
25016 (C)	dead	(9001+6108)*1.00+4009*0.40+5004*0.75+4109*0.20
25017 (C)	dead	(9001+6101)*1.00+4009*0.40+5005*0.75+4109*0.20
25018 (C)	dead	(9001+6102)*1.00+4009*0.40+5005*0.75+4109*0.20
25019 (C)	dead	(9001+6103)*1.00+4009*0.40+5005*0.75+4109*0.20
25020 (C)	dead	(9001+6104)*1.00+4009*0.40+5005*0.75+4109*0.20
25021 (C)	dead	(9001+6105)*1.00+4009*0.40+5005*0.75+4109*0.20
25022 (C)	dead	(9001+6106)*1.00+4009*0.40+5005*0.75+4109*0.20
25023 (C)	dead	(9001+6107)*1.00+4009*0.40+5005*0.75+4109*0.20
25024 (C)	dead	(9001+6108)*1.00+4009*0.40+5005*0.75+4109*0.20
25025 (C)	dead	(9001+6101)*1.00+4009*0.40+5006*0.75+4109*0.20
25026 (C)	dead	(9001+6102)*1.00+4009*0.40+5006*0.75+4109*0.20
25027 (C)	dead	(9001+6103)*1.00+4009*0.40+5006*0.75+4109*0.20
25028 (C)	dead	(9001+6104)*1.00+4009*0.40+5006*0.75+4109*0.20
25029 (C)	dead	(9001+6105)*1.00+4009*0.40+5006*0.75+4109*0.20
25030 (C)	dead	(9001+6106)*1.00+4009*0.40+5006*0.75+4109*0.20
25031 (C)	dead	(9001+6107)*1.00+4009*0.40+5006*0.75+4109*0.20
25032 (C)	dead	(9001+6108)*1.00+4009*0.40+5006*0.75+4109*0.20
25033 (C)	dead	(9001+6101)*1.00+4009*0.40+5007*0.75+4109*0.20
25034 (C)	dead	(9001+6102)*1.00+4009*0.40+5007*0.75+4109*0.20
25035 (C)	dead	(9001+6103)*1.00+4009*0.40+5007*0.75+4109*0.20
25036 (C)	dead	(9001+6104)*1.00+4009*0.40+5007*0.75+4109*0.20
25037 (C)	dead	(9001+6105)*1.00+4009*0.40+5007*0.75+4109*0.20
25038 (C)	dead	(9001+6106)*1.00+4009*0.40+5007*0.75+4109*0.20
25039 (C)	dead	(9001+6107)*1.00+4009*0.40+5007*0.75+4109*0.20
25040 (C)	dead	(9001+6108)*1.00+4009*0.40+5007*0.75+4109*0.20
25041 (C)	dead	(9001+6101)*1.00+4010*0.40+5001*0.75+4110*0.20
25042 (C)	dead	(9001+6102)*1.00+4010*0.40+5001*0.75+4110*0.20
25043 (C)	dead	(9001+6103)*1.00+4010*0.40+5001*0.75+4110*0.20
25044 (C)	dead	(9001+6104)*1.00+4010*0.40+5001*0.75+4110*0.20
25045 (C)	dead	(9001+6105)*1.00+4010*0.40+5001*0.75+4110*0.20
25046 (C)	dead	(9001+6106)*1.00+4010*0.40+5001*0.75+4110*0.20
25047 (C)	dead	(9001+6107)*1.00+4010*0.40+5001*0.75+4110*0.20
25048 (C)	dead	(9001+6108)*1.00+4010*0.40+5001*0.75+4110*0.20
25049 (C)	dead	(9001+6101)*1.00+4010*0.40+5002*0.75+4110*0.20
25050 (C)	dead	(9001+6102)*1.00+4010*0.40+5002*0.75+4110*0.20
25051 (C)	dead	(9001+6103)*1.00+4010*0.40+5002*0.75+4110*0.20
25052 (C)	dead	(9001+6104)*1.00+4010*0.40+5002*0.75+4110*0.20
25053 (C)	dead	(9001+6105)*1.00+4010*0.40+5002*0.75+4110*0.20
25054 (C)	dead	(9001+6106)*1.00+4010*0.40+5002*0.75+4110*0.20
25055 (C)	dead	(9001+6107)*1.00+4010*0.40+5002*0.75+4110*0.20
25056 (C)	dead	(9001+6108)*1.00+4010*0.40+5002*0.75+4110*0.20
25057 (C)	dead	(9001+6101)*1.00+4010*0.40+5003*0.75+4110*0.20
25058 (C)	dead	(9001+6102)*1.00+4010*0.40+5003*0.75+4110*0.20
25059 (C)	dead	(9001+6103)*1.00+4010*0.40+5003*0.75+4110*0.20
25060 (C)	dead	(9001+6104)*1.00+4010*0.40+5003*0.75+4110*0.20
25061 (C)	dead	(9001+6105)*1.00+4010*0.40+5003*0.75+4110*0.20
25062 (C)	dead	(9001+6106)*1.00+4010*0.40+5003*0.75+4110*0.20
25063 (C)	dead	(9001+6107)*1.00+4010*0.40+5003*0.75+4110*0.20

Combinations	Case nature	Definition
25064 (C)	dead	(9001+6108)*1.00+4010*0.40+5003*0.75+4110*0.20
25065 (C)	dead	(9001+6101)*1.00+4010*0.40+5004*0.75+4110*0.20
25066 (C)	dead	(9001+6102)*1.00+4010*0.40+5004*0.75+4110*0.20
25067 (C)	dead	(9001+6103)*1.00+4010*0.40+5004*0.75+4110*0.20
25068 (C)	dead	(9001+6104)*1.00+4010*0.40+5004*0.75+4110*0.20
25069 (C)	dead	(9001+6105)*1.00+4010*0.40+5004*0.75+4110*0.20
25070 (C)	dead	(9001+6106)*1.00+4010*0.40+5004*0.75+4110*0.20
25071 (C)	dead	(9001+6107)*1.00+4010*0.40+5004*0.75+4110*0.20
25072 (C)	dead	(9001+6108)*1.00+4010*0.40+5004*0.75+4110*0.20
25073 (C)	dead	(9001+6101)*1.00+4010*0.40+5005*0.75+4110*0.20
25074 (C)	dead	(9001+6102)*1.00+4010*0.40+5005*0.75+4110*0.20
25075 (C)	dead	(9001+6103)*1.00+4010*0.40+5005*0.75+4110*0.20
25076 (C)	dead	(9001+6104)*1.00+4010*0.40+5005*0.75+4110*0.20
25077 (C)	dead	(9001+6105)*1.00+4010*0.40+5005*0.75+4110*0.20
25078 (C)	dead	(9001+6106)*1.00+4010*0.40+5005*0.75+4110*0.20
25079 (C)	dead	(9001+6107)*1.00+4010*0.40+5005*0.75+4110*0.20
25080 (C)	dead	(9001+6108)*1.00+4010*0.40+5005*0.75+4110*0.20
25081 (C)	dead	(9001+6101)*1.00+4010*0.40+5006*0.75+4110*0.20
25082 (C)	dead	(9001+6102)*1.00+4010*0.40+5006*0.75+4110*0.20
25083 (C)	dead	(9001+6103)*1.00+4010*0.40+5006*0.75+4110*0.20
25084 (C)	dead	(9001+6104)*1.00+4010*0.40+5006*0.75+4110*0.20
25085 (C)	dead	(9001+6105)*1.00+4010*0.40+5006*0.75+4110*0.20
25086 (C)	dead	(9001+6106)*1.00+4010*0.40+5006*0.75+4110*0.20
25087 (C)	dead	(9001+6107)*1.00+4010*0.40+5006*0.75+4110*0.20
25088 (C)	dead	(9001+6108)*1.00+4010*0.40+5006*0.75+4110*0.20
25089 (C)	dead	(9001+6101)*1.00+4010*0.40+5007*0.75+4110*0.20
25090 (C)	dead	(9001+6102)*1.00+4010*0.40+5007*0.75+4110*0.20
25091 (C)	dead	(9001+6103)*1.00+4010*0.40+5007*0.75+4110*0.20
25092 (C)	dead	(9001+6104)*1.00+4010*0.40+5007*0.75+4110*0.20
25093 (C)	dead	(9001+6105)*1.00+4010*0.40+5007*0.75+4110*0.20
25094 (C)	dead	(9001+6106)*1.00+4010*0.40+5007*0.75+4110*0.20
25095 (C)	dead	(9001+6107)*1.00+4010*0.40+5007*0.75+4110*0.20
25096 (C)	dead	(9001+6108)*1.00+4010*0.40+5007*0.75+4110*0.20
25097 (C)	dead	(9001+6101)*1.00+4011*0.40+5001*0.75+4111*0.20
25098 (C)	dead	(9001+6102)*1.00+4011*0.40+5001*0.75+4111*0.20
25099 (C)	dead	(9001+6103)*1.00+4011*0.40+5001*0.75+4111*0.20
25100 (C)	dead	(9001+6104)*1.00+4011*0.40+5001*0.75+4111*0.20
25101 (C)	dead	(9001+6105)*1.00+4011*0.40+5001*0.75+4111*0.20
25102 (C)	dead	(9001+6106)*1.00+4011*0.40+5001*0.75+4111*0.20
25103 (C)	dead	(9001+6107)*1.00+4011*0.40+5001*0.75+4111*0.20
25104 (C)	dead	(9001+6108)*1.00+4011*0.40+5001*0.75+4111*0.20
25105 (C)	dead	(9001+6101)*1.00+4011*0.40+5002*0.75+4111*0.20
25106 (C)	dead	(9001+6102)*1.00+4011*0.40+5002*0.75+4111*0.20
25107 (C)	dead	(9001+6103)*1.00+4011*0.40+5002*0.75+4111*0.20
25108 (C)	dead	(9001+6104)*1.00+4011*0.40+5002*0.75+4111*0.20
25109 (C)	dead	(9001+6105)*1.00+4011*0.40+5002*0.75+4111*0.20
25110 (C)	dead	(9001+6106)*1.00+4011*0.40+5002*0.75+4111*0.20
25111 (C)	dead	(9001+6107)*1.00+4011*0.40+5002*0.75+4111*0.20
25112 (C)	dead	(9001+6108)*1.00+4011*0.40+5002*0.75+4111*0.20
25113 (C)	dead	(9001+6101)*1.00+4011*0.40+5003*0.75+4111*0.20
25114 (C)	dead	(9001+6102)*1.00+4011*0.40+5003*0.75+4111*0.20
25115 (C)	dead	(9001+6103)*1.00+4011*0.40+5003*0.75+4111*0.20

Combinations	Case nature	Definition
25116 (C)	dead	(9001+6104)*1.00+4011*0.40+5003*0.75+4111*0.20
25117 (C)	dead	(9001+6105)*1.00+4011*0.40+5003*0.75+4111*0.20
25118 (C)	dead	(9001+6106)*1.00+4011*0.40+5003*0.75+4111*0.20
25119 (C)	dead	(9001+6107)*1.00+4011*0.40+5003*0.75+4111*0.20
25120 (C)	dead	(9001+6108)*1.00+4011*0.40+5003*0.75+4111*0.20
25121 (C)	dead	(9001+6101)*1.00+4011*0.40+5004*0.75+4111*0.20
25122 (C)	dead	(9001+6102)*1.00+4011*0.40+5004*0.75+4111*0.20
25123 (C)	dead	(9001+6103)*1.00+4011*0.40+5004*0.75+4111*0.20
25124 (C)	dead	(9001+6104)*1.00+4011*0.40+5004*0.75+4111*0.20
25125 (C)	dead	(9001+6105)*1.00+4011*0.40+5004*0.75+4111*0.20
25126 (C)	dead	(9001+6106)*1.00+4011*0.40+5004*0.75+4111*0.20
25127 (C)	dead	(9001+6107)*1.00+4011*0.40+5004*0.75+4111*0.20
25128 (C)	dead	(9001+6108)*1.00+4011*0.40+5004*0.75+4111*0.20
25129 (C)	dead	(9001+6101)*1.00+4011*0.40+5005*0.75+4111*0.20
25130 (C)	dead	(9001+6102)*1.00+4011*0.40+5005*0.75+4111*0.20
25131 (C)	dead	(9001+6103)*1.00+4011*0.40+5005*0.75+4111*0.20
25132 (C)	dead	(9001+6104)*1.00+4011*0.40+5005*0.75+4111*0.20
25133 (C)	dead	(9001+6105)*1.00+4011*0.40+5005*0.75+4111*0.20
25134 (C)	dead	(9001+6106)*1.00+4011*0.40+5005*0.75+4111*0.20
25135 (C)	dead	(9001+6107)*1.00+4011*0.40+5005*0.75+4111*0.20
25136 (C)	dead	(9001+6108)*1.00+4011*0.40+5005*0.75+4111*0.20
25137 (C)	dead	(9001+6101)*1.00+4011*0.40+5006*0.75+4111*0.20
25138 (C)	dead	(9001+6102)*1.00+4011*0.40+5006*0.75+4111*0.20
25139 (C)	dead	(9001+6103)*1.00+4011*0.40+5006*0.75+4111*0.20
25140 (C)	dead	(9001+6104)*1.00+4011*0.40+5006*0.75+4111*0.20
25141 (C)	dead	(9001+6105)*1.00+4011*0.40+5006*0.75+4111*0.20
25142 (C)	dead	(9001+6106)*1.00+4011*0.40+5006*0.75+4111*0.20
25143 (C)	dead	(9001+6107)*1.00+4011*0.40+5006*0.75+4111*0.20
25144 (C)	dead	(9001+6108)*1.00+4011*0.40+5006*0.75+4111*0.20
25145 (C)	dead	(9001+6101)*1.00+4011*0.40+5007*0.75+4111*0.20
25146 (C)	dead	(9001+6102)*1.00+4011*0.40+5007*0.75+4111*0.20
25147 (C)	dead	(9001+6103)*1.00+4011*0.40+5007*0.75+4111*0.20
25148 (C)	dead	(9001+6104)*1.00+4011*0.40+5007*0.75+4111*0.20
25149 (C)	dead	(9001+6105)*1.00+4011*0.40+5007*0.75+4111*0.20
25150 (C)	dead	(9001+6106)*1.00+4011*0.40+5007*0.75+4111*0.20
25151 (C)	dead	(9001+6107)*1.00+4011*0.40+5007*0.75+4111*0.20
25152 (C)	dead	(9001+6108)*1.00+4011*0.40+5007*0.75+4111*0.20
25153 (C)	dead	(9001+6101)*1.00+4012*0.40+5001*0.75+4112*0.20
25154 (C)	dead	(9001+6102)*1.00+4012*0.40+5001*0.75+4112*0.20
25155 (C)	dead	(9001+6103)*1.00+4012*0.40+5001*0.75+4112*0.20
25156 (C)	dead	(9001+6104)*1.00+4012*0.40+5001*0.75+4112*0.20
25157 (C)	dead	(9001+6105)*1.00+4012*0.40+5001*0.75+4112*0.20
25158 (C)	dead	(9001+6106)*1.00+4012*0.40+5001*0.75+4112*0.20
25159 (C)	dead	(9001+6107)*1.00+4012*0.40+5001*0.75+4112*0.20
25160 (C)	dead	(9001+6108)*1.00+4012*0.40+5001*0.75+4112*0.20
25161 (C)	dead	(9001+6101)*1.00+4012*0.40+5002*0.75+4112*0.20
25162 (C)	dead	(9001+6102)*1.00+4012*0.40+5002*0.75+4112*0.20
25163 (C)	dead	(9001+6103)*1.00+4012*0.40+5002*0.75+4112*0.20
25164 (C)	dead	(9001+6104)*1.00+4012*0.40+5002*0.75+4112*0.20
25165 (C)	dead	(9001+6105)*1.00+4012*0.40+5002*0.75+4112*0.20
25166 (C)	dead	(9001+6106)*1.00+4012*0.40+5002*0.75+4112*0.20
25167 (C)	dead	(9001+6107)*1.00+4012*0.40+5002*0.75+4112*0.20

Combinations	Case nature	Definition
25168 (C)	dead	(9001+6108)*1.00+4012*0.40+5002*0.75+4112*0.20
25169 (C)	dead	(9001+6101)*1.00+4012*0.40+5003*0.75+4112*0.20
25170 (C)	dead	(9001+6102)*1.00+4012*0.40+5003*0.75+4112*0.20
25171 (C)	dead	(9001+6103)*1.00+4012*0.40+5003*0.75+4112*0.20
25172 (C)	dead	(9001+6104)*1.00+4012*0.40+5003*0.75+4112*0.20
25173 (C)	dead	(9001+6105)*1.00+4012*0.40+5003*0.75+4112*0.20
25174 (C)	dead	(9001+6106)*1.00+4012*0.40+5003*0.75+4112*0.20
25175 (C)	dead	(9001+6107)*1.00+4012*0.40+5003*0.75+4112*0.20
25176 (C)	dead	(9001+6108)*1.00+4012*0.40+5003*0.75+4112*0.20
25177 (C)	dead	(9001+6101)*1.00+4012*0.40+5004*0.75+4112*0.20
25178 (C)	dead	(9001+6102)*1.00+4012*0.40+5004*0.75+4112*0.20
25179 (C)	dead	(9001+6103)*1.00+4012*0.40+5004*0.75+4112*0.20
25180 (C)	dead	(9001+6104)*1.00+4012*0.40+5004*0.75+4112*0.20
25181 (C)	dead	(9001+6105)*1.00+4012*0.40+5004*0.75+4112*0.20
25182 (C)	dead	(9001+6106)*1.00+4012*0.40+5004*0.75+4112*0.20
25183 (C)	dead	(9001+6107)*1.00+4012*0.40+5004*0.75+4112*0.20
25184 (C)	dead	(9001+6108)*1.00+4012*0.40+5004*0.75+4112*0.20
25185 (C)	dead	(9001+6101)*1.00+4012*0.40+5005*0.75+4112*0.20
25186 (C)	dead	(9001+6102)*1.00+4012*0.40+5005*0.75+4112*0.20
25187 (C)	dead	(9001+6103)*1.00+4012*0.40+5005*0.75+4112*0.20
25188 (C)	dead	(9001+6104)*1.00+4012*0.40+5005*0.75+4112*0.20
25189 (C)	dead	(9001+6105)*1.00+4012*0.40+5005*0.75+4112*0.20
25190 (C)	dead	(9001+6106)*1.00+4012*0.40+5005*0.75+4112*0.20
25191 (C)	dead	(9001+6107)*1.00+4012*0.40+5005*0.75+4112*0.20
25192 (C)	dead	(9001+6108)*1.00+4012*0.40+5005*0.75+4112*0.20
25193 (C)	dead	(9001+6101)*1.00+4012*0.40+5006*0.75+4112*0.20
25194 (C)	dead	(9001+6102)*1.00+4012*0.40+5006*0.75+4112*0.20
25195 (C)	dead	(9001+6103)*1.00+4012*0.40+5006*0.75+4112*0.20
25196 (C)	dead	(9001+6104)*1.00+4012*0.40+5006*0.75+4112*0.20
25197 (C)	dead	(9001+6105)*1.00+4012*0.40+5006*0.75+4112*0.20
25198 (C)	dead	(9001+6106)*1.00+4012*0.40+5006*0.75+4112*0.20
25199 (C)	dead	(9001+6107)*1.00+4012*0.40+5006*0.75+4112*0.20
25200 (C)	dead	(9001+6108)*1.00+4012*0.40+5006*0.75+4112*0.20
25201 (C)	dead	(9001+6101)*1.00+4012*0.40+5007*0.75+4112*0.20
25202 (C)	dead	(9001+6102)*1.00+4012*0.40+5007*0.75+4112*0.20
25203 (C)	dead	(9001+6103)*1.00+4012*0.40+5007*0.75+4112*0.20
25204 (C)	dead	(9001+6104)*1.00+4012*0.40+5007*0.75+4112*0.20
25205 (C)	dead	(9001+6105)*1.00+4012*0.40+5007*0.75+4112*0.20
25206 (C)	dead	(9001+6106)*1.00+4012*0.40+5007*0.75+4112*0.20
25207 (C)	dead	(9001+6107)*1.00+4012*0.40+5007*0.75+4112*0.20
25208 (C)	dead	(9001+6108)*1.00+4012*0.40+5007*0.75+4112*0.20
25209 (C)	dead	(9001+6101)*1.00+4013*0.40+5001*0.75+4113*0.20
25210 (C)	dead	(9001+6102)*1.00+4013*0.40+5001*0.75+4113*0.20
25211 (C)	dead	(9001+6103)*1.00+4013*0.40+5001*0.75+4113*0.20
25212 (C)	dead	(9001+6104)*1.00+4013*0.40+5001*0.75+4113*0.20
25213 (C)	dead	(9001+6105)*1.00+4013*0.40+5001*0.75+4113*0.20
25214 (C)	dead	(9001+6106)*1.00+4013*0.40+5001*0.75+4113*0.20
25215 (C)	dead	(9001+6107)*1.00+4013*0.40+5001*0.75+4113*0.20
25216 (C)	dead	(9001+6108)*1.00+4013*0.40+5001*0.75+4113*0.20
25217 (C)	dead	(9001+6101)*1.00+4013*0.40+5002*0.75+4113*0.20
25218 (C)	dead	(9001+6102)*1.00+4013*0.40+5002*0.75+4113*0.20
25219 (C)	dead	(9001+6103)*1.00+4013*0.40+5002*0.75+4113*0.20

Combinations	Case nature	Definition
25220 (C)	dead	(9001+6104)*1.00+4013*0.40+5002*0.75+4113*0.20
25221 (C)	dead	(9001+6105)*1.00+4013*0.40+5002*0.75+4113*0.20
25222 (C)	dead	(9001+6106)*1.00+4013*0.40+5002*0.75+4113*0.20
25223 (C)	dead	(9001+6107)*1.00+4013*0.40+5002*0.75+4113*0.20
25224 (C)	dead	(9001+6108)*1.00+4013*0.40+5002*0.75+4113*0.20
25225 (C)	dead	(9001+6101)*1.00+4013*0.40+5003*0.75+4113*0.20
25226 (C)	dead	(9001+6102)*1.00+4013*0.40+5003*0.75+4113*0.20
25227 (C)	dead	(9001+6103)*1.00+4013*0.40+5003*0.75+4113*0.20
25228 (C)	dead	(9001+6104)*1.00+4013*0.40+5003*0.75+4113*0.20
25229 (C)	dead	(9001+6105)*1.00+4013*0.40+5003*0.75+4113*0.20
25230 (C)	dead	(9001+6106)*1.00+4013*0.40+5003*0.75+4113*0.20
25231 (C)	dead	(9001+6107)*1.00+4013*0.40+5003*0.75+4113*0.20
25232 (C)	dead	(9001+6108)*1.00+4013*0.40+5003*0.75+4113*0.20
25233 (C)	dead	(9001+6101)*1.00+4013*0.40+5004*0.75+4113*0.20
25234 (C)	dead	(9001+6102)*1.00+4013*0.40+5004*0.75+4113*0.20
25235 (C)	dead	(9001+6103)*1.00+4013*0.40+5004*0.75+4113*0.20
25236 (C)	dead	(9001+6104)*1.00+4013*0.40+5004*0.75+4113*0.20
25237 (C)	dead	(9001+6105)*1.00+4013*0.40+5004*0.75+4113*0.20
25238 (C)	dead	(9001+6106)*1.00+4013*0.40+5004*0.75+4113*0.20
25239 (C)	dead	(9001+6107)*1.00+4013*0.40+5004*0.75+4113*0.20
25240 (C)	dead	(9001+6108)*1.00+4013*0.40+5004*0.75+4113*0.20
25241 (C)	dead	(9001+6101)*1.00+4013*0.40+5005*0.75+4113*0.20
25242 (C)	dead	(9001+6102)*1.00+4013*0.40+5005*0.75+4113*0.20
25243 (C)	dead	(9001+6103)*1.00+4013*0.40+5005*0.75+4113*0.20
25244 (C)	dead	(9001+6104)*1.00+4013*0.40+5005*0.75+4113*0.20
25245 (C)	dead	(9001+6105)*1.00+4013*0.40+5005*0.75+4113*0.20
25246 (C)	dead	(9001+6106)*1.00+4013*0.40+5005*0.75+4113*0.20
25247 (C)	dead	(9001+6107)*1.00+4013*0.40+5005*0.75+4113*0.20
25248 (C)	dead	(9001+6108)*1.00+4013*0.40+5005*0.75+4113*0.20
25249 (C)	dead	(9001+6101)*1.00+4013*0.40+5006*0.75+4113*0.20
25250 (C)	dead	(9001+6102)*1.00+4013*0.40+5006*0.75+4113*0.20
25251 (C)	dead	(9001+6103)*1.00+4013*0.40+5006*0.75+4113*0.20
25252 (C)	dead	(9001+6104)*1.00+4013*0.40+5006*0.75+4113*0.20
25253 (C)	dead	(9001+6105)*1.00+4013*0.40+5006*0.75+4113*0.20
25254 (C)	dead	(9001+6106)*1.00+4013*0.40+5006*0.75+4113*0.20
25255 (C)	dead	(9001+6107)*1.00+4013*0.40+5006*0.75+4113*0.20
25256 (C)	dead	(9001+6108)*1.00+4013*0.40+5006*0.75+4113*0.20
25257 (C)	dead	(9001+6101)*1.00+4013*0.40+5007*0.75+4113*0.20
25258 (C)	dead	(9001+6102)*1.00+4013*0.40+5007*0.75+4113*0.20
25259 (C)	dead	(9001+6103)*1.00+4013*0.40+5007*0.75+4113*0.20
25260 (C)	dead	(9001+6104)*1.00+4013*0.40+5007*0.75+4113*0.20
25261 (C)	dead	(9001+6105)*1.00+4013*0.40+5007*0.75+4113*0.20
25262 (C)	dead	(9001+6106)*1.00+4013*0.40+5007*0.75+4113*0.20
25263 (C)	dead	(9001+6107)*1.00+4013*0.40+5007*0.75+4113*0.20
25264 (C)	dead	(9001+6108)*1.00+4013*0.40+5007*0.75+4113*0.20
25265 (C)	dead	(9001+6101)*1.00+4014*0.40+5001*0.75+4114*0.20
25266 (C)	dead	(9001+6102)*1.00+4014*0.40+5001*0.75+4114*0.20
25267 (C)	dead	(9001+6103)*1.00+4014*0.40+5001*0.75+4114*0.20
25268 (C)	dead	(9001+6104)*1.00+4014*0.40+5001*0.75+4114*0.20
25269 (C)	dead	(9001+6105)*1.00+4014*0.40+5001*0.75+4114*0.20
25270 (C)	dead	(9001+6106)*1.00+4014*0.40+5001*0.75+4114*0.20
25271 (C)	dead	(9001+6107)*1.00+4014*0.40+5001*0.75+4114*0.20

Combinations	Case nature	Definition
25272 (C)	dead	(9001+6108)*1.00+4014*0.40+5001*0.75+4114*0.20
25273 (C)	dead	(9001+6101)*1.00+4014*0.40+5002*0.75+4114*0.20
25274 (C)	dead	(9001+6102)*1.00+4014*0.40+5002*0.75+4114*0.20
25275 (C)	dead	(9001+6103)*1.00+4014*0.40+5002*0.75+4114*0.20
25276 (C)	dead	(9001+6104)*1.00+4014*0.40+5002*0.75+4114*0.20
25277 (C)	dead	(9001+6105)*1.00+4014*0.40+5002*0.75+4114*0.20
25278 (C)	dead	(9001+6106)*1.00+4014*0.40+5002*0.75+4114*0.20
25279 (C)	dead	(9001+6107)*1.00+4014*0.40+5002*0.75+4114*0.20
25280 (C)	dead	(9001+6108)*1.00+4014*0.40+5002*0.75+4114*0.20
25281 (C)	dead	(9001+6101)*1.00+4014*0.40+5003*0.75+4114*0.20
25282 (C)	dead	(9001+6102)*1.00+4014*0.40+5003*0.75+4114*0.20
25283 (C)	dead	(9001+6103)*1.00+4014*0.40+5003*0.75+4114*0.20
25284 (C)	dead	(9001+6104)*1.00+4014*0.40+5003*0.75+4114*0.20
25285 (C)	dead	(9001+6105)*1.00+4014*0.40+5003*0.75+4114*0.20
25286 (C)	dead	(9001+6106)*1.00+4014*0.40+5003*0.75+4114*0.20
25287 (C)	dead	(9001+6107)*1.00+4014*0.40+5003*0.75+4114*0.20
25288 (C)	dead	(9001+6108)*1.00+4014*0.40+5003*0.75+4114*0.20
25289 (C)	dead	(9001+6101)*1.00+4014*0.40+5004*0.75+4114*0.20
25290 (C)	dead	(9001+6102)*1.00+4014*0.40+5004*0.75+4114*0.20
25291 (C)	dead	(9001+6103)*1.00+4014*0.40+5004*0.75+4114*0.20
25292 (C)	dead	(9001+6104)*1.00+4014*0.40+5004*0.75+4114*0.20
25293 (C)	dead	(9001+6105)*1.00+4014*0.40+5004*0.75+4114*0.20
25294 (C)	dead	(9001+6106)*1.00+4014*0.40+5004*0.75+4114*0.20
25295 (C)	dead	(9001+6107)*1.00+4014*0.40+5004*0.75+4114*0.20
25296 (C)	dead	(9001+6108)*1.00+4014*0.40+5004*0.75+4114*0.20
25297 (C)	dead	(9001+6101)*1.00+4014*0.40+5005*0.75+4114*0.20
25298 (C)	dead	(9001+6102)*1.00+4014*0.40+5005*0.75+4114*0.20
25299 (C)	dead	(9001+6103)*1.00+4014*0.40+5005*0.75+4114*0.20
25300 (C)	dead	(9001+6104)*1.00+4014*0.40+5005*0.75+4114*0.20
25301 (C)	dead	(9001+6105)*1.00+4014*0.40+5005*0.75+4114*0.20
25302 (C)	dead	(9001+6106)*1.00+4014*0.40+5005*0.75+4114*0.20
25303 (C)	dead	(9001+6107)*1.00+4014*0.40+5005*0.75+4114*0.20
25304 (C)	dead	(9001+6108)*1.00+4014*0.40+5005*0.75+4114*0.20
25305 (C)	dead	(9001+6101)*1.00+4014*0.40+5006*0.75+4114*0.20
25306 (C)	dead	(9001+6102)*1.00+4014*0.40+5006*0.75+4114*0.20
25307 (C)	dead	(9001+6103)*1.00+4014*0.40+5006*0.75+4114*0.20
25308 (C)	dead	(9001+6104)*1.00+4014*0.40+5006*0.75+4114*0.20
25309 (C)	dead	(9001+6105)*1.00+4014*0.40+5006*0.75+4114*0.20
25310 (C)	dead	(9001+6106)*1.00+4014*0.40+5006*0.75+4114*0.20
25311 (C)	dead	(9001+6107)*1.00+4014*0.40+5006*0.75+4114*0.20
25312 (C)	dead	(9001+6108)*1.00+4014*0.40+5006*0.75+4114*0.20
25313 (C)	dead	(9001+6101)*1.00+4014*0.40+5007*0.75+4114*0.20
25314 (C)	dead	(9001+6102)*1.00+4014*0.40+5007*0.75+4114*0.20
25315 (C)	dead	(9001+6103)*1.00+4014*0.40+5007*0.75+4114*0.20
25316 (C)	dead	(9001+6104)*1.00+4014*0.40+5007*0.75+4114*0.20
25317 (C)	dead	(9001+6105)*1.00+4014*0.40+5007*0.75+4114*0.20
25318 (C)	dead	(9001+6106)*1.00+4014*0.40+5007*0.75+4114*0.20
25319 (C)	dead	(9001+6107)*1.00+4014*0.40+5007*0.75+4114*0.20
25320 (C)	dead	(9001+6108)*1.00+4014*0.40+5007*0.75+4114*0.20
25321 (C)	dead	(9001+6101)*1.00+4015*0.40+5001*0.75+4115*0.20
25322 (C)	dead	(9001+6102)*1.00+4015*0.40+5001*0.75+4115*0.20
25323 (C)	dead	(9001+6103)*1.00+4015*0.40+5001*0.75+4115*0.20

Combinations	Case nature	Definition
25324 (C)	dead	(9001+6104)*1.00+4015*0.40+5001*0.75+4115*0.20
25325 (C)	dead	(9001+6105)*1.00+4015*0.40+5001*0.75+4115*0.20
25326 (C)	dead	(9001+6106)*1.00+4015*0.40+5001*0.75+4115*0.20
25327 (C)	dead	(9001+6107)*1.00+4015*0.40+5001*0.75+4115*0.20
25328 (C)	dead	(9001+6108)*1.00+4015*0.40+5001*0.75+4115*0.20
25329 (C)	dead	(9001+6101)*1.00+4015*0.40+5002*0.75+4115*0.20
25330 (C)	dead	(9001+6102)*1.00+4015*0.40+5002*0.75+4115*0.20
25331 (C)	dead	(9001+6103)*1.00+4015*0.40+5002*0.75+4115*0.20
25332 (C)	dead	(9001+6104)*1.00+4015*0.40+5002*0.75+4115*0.20
25333 (C)	dead	(9001+6105)*1.00+4015*0.40+5002*0.75+4115*0.20
25334 (C)	dead	(9001+6106)*1.00+4015*0.40+5002*0.75+4115*0.20
25335 (C)	dead	(9001+6107)*1.00+4015*0.40+5002*0.75+4115*0.20
25336 (C)	dead	(9001+6108)*1.00+4015*0.40+5002*0.75+4115*0.20
25337 (C)	dead	(9001+6101)*1.00+4015*0.40+5003*0.75+4115*0.20
25338 (C)	dead	(9001+6102)*1.00+4015*0.40+5003*0.75+4115*0.20
25339 (C)	dead	(9001+6103)*1.00+4015*0.40+5003*0.75+4115*0.20
25340 (C)	dead	(9001+6104)*1.00+4015*0.40+5003*0.75+4115*0.20
25341 (C)	dead	(9001+6105)*1.00+4015*0.40+5003*0.75+4115*0.20
25342 (C)	dead	(9001+6106)*1.00+4015*0.40+5003*0.75+4115*0.20
25343 (C)	dead	(9001+6107)*1.00+4015*0.40+5003*0.75+4115*0.20
25344 (C)	dead	(9001+6108)*1.00+4015*0.40+5003*0.75+4115*0.20
25345 (C)	dead	(9001+6101)*1.00+4015*0.40+5004*0.75+4115*0.20
25346 (C)	dead	(9001+6102)*1.00+4015*0.40+5004*0.75+4115*0.20
25347 (C)	dead	(9001+6103)*1.00+4015*0.40+5004*0.75+4115*0.20
25348 (C)	dead	(9001+6104)*1.00+4015*0.40+5004*0.75+4115*0.20
25349 (C)	dead	(9001+6105)*1.00+4015*0.40+5004*0.75+4115*0.20
25350 (C)	dead	(9001+6106)*1.00+4015*0.40+5004*0.75+4115*0.20
25351 (C)	dead	(9001+6107)*1.00+4015*0.40+5004*0.75+4115*0.20
25352 (C)	dead	(9001+6108)*1.00+4015*0.40+5004*0.75+4115*0.20
25353 (C)	dead	(9001+6101)*1.00+4015*0.40+5005*0.75+4115*0.20
25354 (C)	dead	(9001+6102)*1.00+4015*0.40+5005*0.75+4115*0.20
25355 (C)	dead	(9001+6103)*1.00+4015*0.40+5005*0.75+4115*0.20
25356 (C)	dead	(9001+6104)*1.00+4015*0.40+5005*0.75+4115*0.20
25357 (C)	dead	(9001+6105)*1.00+4015*0.40+5005*0.75+4115*0.20
25358 (C)	dead	(9001+6106)*1.00+4015*0.40+5005*0.75+4115*0.20
25359 (C)	dead	(9001+6107)*1.00+4015*0.40+5005*0.75+4115*0.20
25360 (C)	dead	(9001+6108)*1.00+4015*0.40+5005*0.75+4115*0.20
25361 (C)	dead	(9001+6101)*1.00+4015*0.40+5006*0.75+4115*0.20
25362 (C)	dead	(9001+6102)*1.00+4015*0.40+5006*0.75+4115*0.20
25363 (C)	dead	(9001+6103)*1.00+4015*0.40+5006*0.75+4115*0.20
25364 (C)	dead	(9001+6104)*1.00+4015*0.40+5006*0.75+4115*0.20
25365 (C)	dead	(9001+6105)*1.00+4015*0.40+5006*0.75+4115*0.20
25366 (C)	dead	(9001+6106)*1.00+4015*0.40+5006*0.75+4115*0.20
25367 (C)	dead	(9001+6107)*1.00+4015*0.40+5006*0.75+4115*0.20
25368 (C)	dead	(9001+6108)*1.00+4015*0.40+5006*0.75+4115*0.20
25369 (C)	dead	(9001+6101)*1.00+4015*0.40+5007*0.75+4115*0.20
25370 (C)	dead	(9001+6102)*1.00+4015*0.40+5007*0.75+4115*0.20
25371 (C)	dead	(9001+6103)*1.00+4015*0.40+5007*0.75+4115*0.20
25372 (C)	dead	(9001+6104)*1.00+4015*0.40+5007*0.75+4115*0.20
25373 (C)	dead	(9001+6105)*1.00+4015*0.40+5007*0.75+4115*0.20
25374 (C)	dead	(9001+6106)*1.00+4015*0.40+5007*0.75+4115*0.20
25375 (C)	dead	(9001+6107)*1.00+4015*0.40+5007*0.75+4115*0.20

Combinations	Case nature	Definition
25376 (C)	dead	(9001+6108)*1.00+4015*0.40+5007*0.75+4115*0.20
25377 (C)	dead	(9002+6101)*1.00+4000*0.40+5001*0.75+4100*0.20
25378 (C)	dead	(9002+6102)*1.00+4000*0.40+5001*0.75+4100*0.20
25379 (C)	dead	(9002+6103)*1.00+4000*0.40+5001*0.75+4100*0.20
25380 (C)	dead	(9002+6104)*1.00+4000*0.40+5001*0.75+4100*0.20
25381 (C)	dead	(9002+6105)*1.00+4000*0.40+5001*0.75+4100*0.20
25382 (C)	dead	(9002+6106)*1.00+4000*0.40+5001*0.75+4100*0.20
25383 (C)	dead	(9002+6107)*1.00+4000*0.40+5001*0.75+4100*0.20
25384 (C)	dead	(9002+6108)*1.00+4000*0.40+5001*0.75+4100*0.20
25385 (C)	dead	(9002+6101)*1.00+4000*0.40+5002*0.75+4100*0.20
25386 (C)	dead	(9002+6102)*1.00+4000*0.40+5002*0.75+4100*0.20
25387 (C)	dead	(9002+6103)*1.00+4000*0.40+5002*0.75+4100*0.20
25388 (C)	dead	(9002+6104)*1.00+4000*0.40+5002*0.75+4100*0.20
25389 (C)	dead	(9002+6105)*1.00+4000*0.40+5002*0.75+4100*0.20
25390 (C)	dead	(9002+6106)*1.00+4000*0.40+5002*0.75+4100*0.20
25391 (C)	dead	(9002+6107)*1.00+4000*0.40+5002*0.75+4100*0.20
25392 (C)	dead	(9002+6108)*1.00+4000*0.40+5002*0.75+4100*0.20
25393 (C)	dead	(9002+6101)*1.00+4000*0.40+5003*0.75+4100*0.20
25394 (C)	dead	(9002+6102)*1.00+4000*0.40+5003*0.75+4100*0.20
25395 (C)	dead	(9002+6103)*1.00+4000*0.40+5003*0.75+4100*0.20
25396 (C)	dead	(9002+6104)*1.00+4000*0.40+5003*0.75+4100*0.20
25397 (C)	dead	(9002+6105)*1.00+4000*0.40+5003*0.75+4100*0.20
25398 (C)	dead	(9002+6106)*1.00+4000*0.40+5003*0.75+4100*0.20
25399 (C)	dead	(9002+6107)*1.00+4000*0.40+5003*0.75+4100*0.20
25400 (C)	dead	(9002+6108)*1.00+4000*0.40+5003*0.75+4100*0.20
25401 (C)	dead	(9002+6101)*1.00+4000*0.40+5004*0.75+4100*0.20
25402 (C)	dead	(9002+6102)*1.00+4000*0.40+5004*0.75+4100*0.20
25403 (C)	dead	(9002+6103)*1.00+4000*0.40+5004*0.75+4100*0.20
25404 (C)	dead	(9002+6104)*1.00+4000*0.40+5004*0.75+4100*0.20
25405 (C)	dead	(9002+6105)*1.00+4000*0.40+5004*0.75+4100*0.20
25406 (C)	dead	(9002+6106)*1.00+4000*0.40+5004*0.75+4100*0.20
25407 (C)	dead	(9002+6107)*1.00+4000*0.40+5004*0.75+4100*0.20
25408 (C)	dead	(9002+6108)*1.00+4000*0.40+5004*0.75+4100*0.20
25409 (C)	dead	(9002+6101)*1.00+4000*0.40+5005*0.75+4100*0.20
25410 (C)	dead	(9002+6102)*1.00+4000*0.40+5005*0.75+4100*0.20
25411 (C)	dead	(9002+6103)*1.00+4000*0.40+5005*0.75+4100*0.20
25412 (C)	dead	(9002+6104)*1.00+4000*0.40+5005*0.75+4100*0.20
25413 (C)	dead	(9002+6105)*1.00+4000*0.40+5005*0.75+4100*0.20
25414 (C)	dead	(9002+6106)*1.00+4000*0.40+5005*0.75+4100*0.20
25415 (C)	dead	(9002+6107)*1.00+4000*0.40+5005*0.75+4100*0.20
25416 (C)	dead	(9002+6108)*1.00+4000*0.40+5005*0.75+4100*0.20
25417 (C)	dead	(9002+6101)*1.00+4000*0.40+5006*0.75+4100*0.20
25418 (C)	dead	(9002+6102)*1.00+4000*0.40+5006*0.75+4100*0.20
25419 (C)	dead	(9002+6103)*1.00+4000*0.40+5006*0.75+4100*0.20
25420 (C)	dead	(9002+6104)*1.00+4000*0.40+5006*0.75+4100*0.20
25421 (C)	dead	(9002+6105)*1.00+4000*0.40+5006*0.75+4100*0.20
25422 (C)	dead	(9002+6106)*1.00+4000*0.40+5006*0.75+4100*0.20
25423 (C)	dead	(9002+6107)*1.00+4000*0.40+5006*0.75+4100*0.20
25424 (C)	dead	(9002+6108)*1.00+4000*0.40+5006*0.75+4100*0.20
25425 (C)	dead	(9002+6101)*1.00+4000*0.40+5007*0.75+4100*0.20
25426 (C)	dead	(9002+6102)*1.00+4000*0.40+5007*0.75+4100*0.20
25427 (C)	dead	(9002+6103)*1.00+4000*0.40+5007*0.75+4100*0.20

Combinations	Case nature	Definition
25428 (C)	dead	(9002+6104)*1.00+4000*0.40+5007*0.75+4100*0.20
25429 (C)	dead	(9002+6105)*1.00+4000*0.40+5007*0.75+4100*0.20
25430 (C)	dead	(9002+6106)*1.00+4000*0.40+5007*0.75+4100*0.20
25431 (C)	dead	(9002+6107)*1.00+4000*0.40+5007*0.75+4100*0.20
25432 (C)	dead	(9002+6108)*1.00+4000*0.40+5007*0.75+4100*0.20
25433 (C)	dead	(9002+6101)*1.00+4001*0.40+5001*0.75+4101*0.20
25434 (C)	dead	(9002+6102)*1.00+4001*0.40+5001*0.75+4101*0.20
25435 (C)	dead	(9002+6103)*1.00+4001*0.40+5001*0.75+4101*0.20
25436 (C)	dead	(9002+6104)*1.00+4001*0.40+5001*0.75+4101*0.20
25437 (C)	dead	(9002+6105)*1.00+4001*0.40+5001*0.75+4101*0.20
25438 (C)	dead	(9002+6106)*1.00+4001*0.40+5001*0.75+4101*0.20
25439 (C)	dead	(9002+6107)*1.00+4001*0.40+5001*0.75+4101*0.20
25440 (C)	dead	(9002+6108)*1.00+4001*0.40+5001*0.75+4101*0.20
25441 (C)	dead	(9002+6101)*1.00+4001*0.40+5002*0.75+4101*0.20
25442 (C)	dead	(9002+6102)*1.00+4001*0.40+5002*0.75+4101*0.20
25443 (C)	dead	(9002+6103)*1.00+4001*0.40+5002*0.75+4101*0.20
25444 (C)	dead	(9002+6104)*1.00+4001*0.40+5002*0.75+4101*0.20
25445 (C)	dead	(9002+6105)*1.00+4001*0.40+5002*0.75+4101*0.20
25446 (C)	dead	(9002+6106)*1.00+4001*0.40+5002*0.75+4101*0.20
25447 (C)	dead	(9002+6107)*1.00+4001*0.40+5002*0.75+4101*0.20
25448 (C)	dead	(9002+6108)*1.00+4001*0.40+5002*0.75+4101*0.20
25449 (C)	dead	(9002+6101)*1.00+4001*0.40+5003*0.75+4101*0.20
25450 (C)	dead	(9002+6102)*1.00+4001*0.40+5003*0.75+4101*0.20
25451 (C)	dead	(9002+6103)*1.00+4001*0.40+5003*0.75+4101*0.20
25452 (C)	dead	(9002+6104)*1.00+4001*0.40+5003*0.75+4101*0.20
25453 (C)	dead	(9002+6105)*1.00+4001*0.40+5003*0.75+4101*0.20
25454 (C)	dead	(9002+6106)*1.00+4001*0.40+5003*0.75+4101*0.20
25455 (C)	dead	(9002+6107)*1.00+4001*0.40+5003*0.75+4101*0.20
25456 (C)	dead	(9002+6108)*1.00+4001*0.40+5003*0.75+4101*0.20
25457 (C)	dead	(9002+6101)*1.00+4001*0.40+5004*0.75+4101*0.20
25458 (C)	dead	(9002+6102)*1.00+4001*0.40+5004*0.75+4101*0.20
25459 (C)	dead	(9002+6103)*1.00+4001*0.40+5004*0.75+4101*0.20
25460 (C)	dead	(9002+6104)*1.00+4001*0.40+5004*0.75+4101*0.20
25461 (C)	dead	(9002+6105)*1.00+4001*0.40+5004*0.75+4101*0.20
25462 (C)	dead	(9002+6106)*1.00+4001*0.40+5004*0.75+4101*0.20
25463 (C)	dead	(9002+6107)*1.00+4001*0.40+5004*0.75+4101*0.20
25464 (C)	dead	(9002+6108)*1.00+4001*0.40+5004*0.75+4101*0.20
25465 (C)	dead	(9002+6101)*1.00+4001*0.40+5005*0.75+4101*0.20
25466 (C)	dead	(9002+6102)*1.00+4001*0.40+5005*0.75+4101*0.20
25467 (C)	dead	(9002+6103)*1.00+4001*0.40+5005*0.75+4101*0.20
25468 (C)	dead	(9002+6104)*1.00+4001*0.40+5005*0.75+4101*0.20
25469 (C)	dead	(9002+6105)*1.00+4001*0.40+5005*0.75+4101*0.20
25470 (C)	dead	(9002+6106)*1.00+4001*0.40+5005*0.75+4101*0.20
25471 (C)	dead	(9002+6107)*1.00+4001*0.40+5005*0.75+4101*0.20
25472 (C)	dead	(9002+6108)*1.00+4001*0.40+5005*0.75+4101*0.20
25473 (C)	dead	(9002+6101)*1.00+4001*0.40+5006*0.75+4101*0.20
25474 (C)	dead	(9002+6102)*1.00+4001*0.40+5006*0.75+4101*0.20
25475 (C)	dead	(9002+6103)*1.00+4001*0.40+5006*0.75+4101*0.20
25476 (C)	dead	(9002+6104)*1.00+4001*0.40+5006*0.75+4101*0.20
25477 (C)	dead	(9002+6105)*1.00+4001*0.40+5006*0.75+4101*0.20
25478 (C)	dead	(9002+6106)*1.00+4001*0.40+5006*0.75+4101*0.20
25479 (C)	dead	(9002+6107)*1.00+4001*0.40+5006*0.75+4101*0.20

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
25480 (C)	dead	(9002+6108)*1.00+4001*0.40+5006*0.75+4101*0.20
25481 (C)	dead	(9002+6101)*1.00+4001*0.40+5007*0.75+4101*0.20
25482 (C)	dead	(9002+6102)*1.00+4001*0.40+5007*0.75+4101*0.20
25483 (C)	dead	(9002+6103)*1.00+4001*0.40+5007*0.75+4101*0.20
25484 (C)	dead	(9002+6104)*1.00+4001*0.40+5007*0.75+4101*0.20
25485 (C)	dead	(9002+6105)*1.00+4001*0.40+5007*0.75+4101*0.20
25486 (C)	dead	(9002+6106)*1.00+4001*0.40+5007*0.75+4101*0.20
25487 (C)	dead	(9002+6107)*1.00+4001*0.40+5007*0.75+4101*0.20
25488 (C)	dead	(9002+6108)*1.00+4001*0.40+5007*0.75+4101*0.20
25489 (C)	dead	(9002+6101)*1.00+4002*0.40+5001*0.75+4102*0.20
25490 (C)	dead	(9002+6102)*1.00+4002*0.40+5001*0.75+4102*0.20
25491 (C)	dead	(9002+6103)*1.00+4002*0.40+5001*0.75+4102*0.20
25492 (C)	dead	(9002+6104)*1.00+4002*0.40+5001*0.75+4102*0.20
25493 (C)	dead	(9002+6105)*1.00+4002*0.40+5001*0.75+4102*0.20
25494 (C)	dead	(9002+6106)*1.00+4002*0.40+5001*0.75+4102*0.20
25495 (C)	dead	(9002+6107)*1.00+4002*0.40+5001*0.75+4102*0.20
25496 (C)	dead	(9002+6108)*1.00+4002*0.40+5001*0.75+4102*0.20
25497 (C)	dead	(9002+6101)*1.00+4002*0.40+5002*0.75+4102*0.20
25498 (C)	dead	(9002+6102)*1.00+4002*0.40+5002*0.75+4102*0.20
25499 (C)	dead	(9002+6103)*1.00+4002*0.40+5002*0.75+4102*0.20
25500 (C)	dead	(9002+6104)*1.00+4002*0.40+5002*0.75+4102*0.20
25501 (C)	dead	(9002+6105)*1.00+4002*0.40+5002*0.75+4102*0.20
25502 (C)	dead	(9002+6106)*1.00+4002*0.40+5002*0.75+4102*0.20
25503 (C)	dead	(9002+6107)*1.00+4002*0.40+5002*0.75+4102*0.20
25504 (C)	dead	(9002+6108)*1.00+4002*0.40+5002*0.75+4102*0.20
25505 (C)	dead	(9002+6101)*1.00+4002*0.40+5003*0.75+4102*0.20
25506 (C)	dead	(9002+6102)*1.00+4002*0.40+5003*0.75+4102*0.20
25507 (C)	dead	(9002+6103)*1.00+4002*0.40+5003*0.75+4102*0.20
25508 (C)	dead	(9002+6104)*1.00+4002*0.40+5003*0.75+4102*0.20
25509 (C)	dead	(9002+6105)*1.00+4002*0.40+5003*0.75+4102*0.20
25510 (C)	dead	(9002+6106)*1.00+4002*0.40+5003*0.75+4102*0.20
25511 (C)	dead	(9002+6107)*1.00+4002*0.40+5003*0.75+4102*0.20
25512 (C)	dead	(9002+6108)*1.00+4002*0.40+5003*0.75+4102*0.20
25513 (C)	dead	(9002+6101)*1.00+4002*0.40+5004*0.75+4102*0.20
25514 (C)	dead	(9002+6102)*1.00+4002*0.40+5004*0.75+4102*0.20
25515 (C)	dead	(9002+6103)*1.00+4002*0.40+5004*0.75+4102*0.20
25516 (C)	dead	(9002+6104)*1.00+4002*0.40+5004*0.75+4102*0.20
25517 (C)	dead	(9002+6105)*1.00+4002*0.40+5004*0.75+4102*0.20
25518 (C)	dead	(9002+6106)*1.00+4002*0.40+5004*0.75+4102*0.20
25519 (C)	dead	(9002+6107)*1.00+4002*0.40+5004*0.75+4102*0.20
25520 (C)	dead	(9002+6108)*1.00+4002*0.40+5004*0.75+4102*0.20
25521 (C)	dead	(9002+6101)*1.00+4002*0.40+5005*0.75+4102*0.20
25522 (C)	dead	(9002+6102)*1.00+4002*0.40+5005*0.75+4102*0.20
25523 (C)	dead	(9002+6103)*1.00+4002*0.40+5005*0.75+4102*0.20
25524 (C)	dead	(9002+6104)*1.00+4002*0.40+5005*0.75+4102*0.20
25525 (C)	dead	(9002+6105)*1.00+4002*0.40+5005*0.75+4102*0.20
25526 (C)	dead	(9002+6106)*1.00+4002*0.40+5005*0.75+4102*0.20
25527 (C)	dead	(9002+6107)*1.00+4002*0.40+5005*0.75+4102*0.20
25528 (C)	dead	(9002+6108)*1.00+4002*0.40+5005*0.75+4102*0.20
25529 (C)	dead	(9002+6101)*1.00+4002*0.40+5006*0.75+4102*0.20
25530 (C)	dead	(9002+6102)*1.00+4002*0.40+5006*0.75+4102*0.20
25531 (C)	dead	(9002+6103)*1.00+4002*0.40+5006*0.75+4102*0.20

Combinations	Case nature	Definition
25532 (C)	dead	(9002+6104)*1.00+4002*0.40+5006*0.75+4102*0.20
25533 (C)	dead	(9002+6105)*1.00+4002*0.40+5006*0.75+4102*0.20
25534 (C)	dead	(9002+6106)*1.00+4002*0.40+5006*0.75+4102*0.20
25535 (C)	dead	(9002+6107)*1.00+4002*0.40+5006*0.75+4102*0.20
25536 (C)	dead	(9002+6108)*1.00+4002*0.40+5006*0.75+4102*0.20
25537 (C)	dead	(9002+6101)*1.00+4002*0.40+5007*0.75+4102*0.20
25538 (C)	dead	(9002+6102)*1.00+4002*0.40+5007*0.75+4102*0.20
25539 (C)	dead	(9002+6103)*1.00+4002*0.40+5007*0.75+4102*0.20
25540 (C)	dead	(9002+6104)*1.00+4002*0.40+5007*0.75+4102*0.20
25541 (C)	dead	(9002+6105)*1.00+4002*0.40+5007*0.75+4102*0.20
25542 (C)	dead	(9002+6106)*1.00+4002*0.40+5007*0.75+4102*0.20
25543 (C)	dead	(9002+6107)*1.00+4002*0.40+5007*0.75+4102*0.20
25544 (C)	dead	(9002+6108)*1.00+4002*0.40+5007*0.75+4102*0.20
25545 (C)	dead	(9002+6101)*1.00+4003*0.40+5001*0.75+4103*0.20
25546 (C)	dead	(9002+6102)*1.00+4003*0.40+5001*0.75+4103*0.20
25547 (C)	dead	(9002+6103)*1.00+4003*0.40+5001*0.75+4103*0.20
25548 (C)	dead	(9002+6104)*1.00+4003*0.40+5001*0.75+4103*0.20
25549 (C)	dead	(9002+6105)*1.00+4003*0.40+5001*0.75+4103*0.20
25550 (C)	dead	(9002+6106)*1.00+4003*0.40+5001*0.75+4103*0.20
25551 (C)	dead	(9002+6107)*1.00+4003*0.40+5001*0.75+4103*0.20
25552 (C)	dead	(9002+6108)*1.00+4003*0.40+5001*0.75+4103*0.20
25553 (C)	dead	(9002+6101)*1.00+4003*0.40+5002*0.75+4103*0.20
25554 (C)	dead	(9002+6102)*1.00+4003*0.40+5002*0.75+4103*0.20
25555 (C)	dead	(9002+6103)*1.00+4003*0.40+5002*0.75+4103*0.20
25556 (C)	dead	(9002+6104)*1.00+4003*0.40+5002*0.75+4103*0.20
25557 (C)	dead	(9002+6105)*1.00+4003*0.40+5002*0.75+4103*0.20
25558 (C)	dead	(9002+6106)*1.00+4003*0.40+5002*0.75+4103*0.20
25559 (C)	dead	(9002+6107)*1.00+4003*0.40+5002*0.75+4103*0.20
25560 (C)	dead	(9002+6108)*1.00+4003*0.40+5002*0.75+4103*0.20
25561 (C)	dead	(9002+6101)*1.00+4003*0.40+5003*0.75+4103*0.20
25562 (C)	dead	(9002+6102)*1.00+4003*0.40+5003*0.75+4103*0.20
25563 (C)	dead	(9002+6103)*1.00+4003*0.40+5003*0.75+4103*0.20
25564 (C)	dead	(9002+6104)*1.00+4003*0.40+5003*0.75+4103*0.20
25565 (C)	dead	(9002+6105)*1.00+4003*0.40+5003*0.75+4103*0.20
25566 (C)	dead	(9002+6106)*1.00+4003*0.40+5003*0.75+4103*0.20
25567 (C)	dead	(9002+6107)*1.00+4003*0.40+5003*0.75+4103*0.20
25568 (C)	dead	(9002+6108)*1.00+4003*0.40+5003*0.75+4103*0.20
25569 (C)	dead	(9002+6101)*1.00+4003*0.40+5004*0.75+4103*0.20
25570 (C)	dead	(9002+6102)*1.00+4003*0.40+5004*0.75+4103*0.20
25571 (C)	dead	(9002+6103)*1.00+4003*0.40+5004*0.75+4103*0.20
25572 (C)	dead	(9002+6104)*1.00+4003*0.40+5004*0.75+4103*0.20
25573 (C)	dead	(9002+6105)*1.00+4003*0.40+5004*0.75+4103*0.20
25574 (C)	dead	(9002+6106)*1.00+4003*0.40+5004*0.75+4103*0.20
25575 (C)	dead	(9002+6107)*1.00+4003*0.40+5004*0.75+4103*0.20
25576 (C)	dead	(9002+6108)*1.00+4003*0.40+5004*0.75+4103*0.20
25577 (C)	dead	(9002+6101)*1.00+4003*0.40+5005*0.75+4103*0.20
25578 (C)	dead	(9002+6102)*1.00+4003*0.40+5005*0.75+4103*0.20
25579 (C)	dead	(9002+6103)*1.00+4003*0.40+5005*0.75+4103*0.20
25580 (C)	dead	(9002+6104)*1.00+4003*0.40+5005*0.75+4103*0.20
25581 (C)	dead	(9002+6105)*1.00+4003*0.40+5005*0.75+4103*0.20
25582 (C)	dead	(9002+6106)*1.00+4003*0.40+5005*0.75+4103*0.20
25583 (C)	dead	(9002+6107)*1.00+4003*0.40+5005*0.75+4103*0.20

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
25584 (C)	dead	(9002+6108)*1.00+4003*0.40+5005*0.75+4103*0.20
25585 (C)	dead	(9002+6101)*1.00+4003*0.40+5006*0.75+4103*0.20
25586 (C)	dead	(9002+6102)*1.00+4003*0.40+5006*0.75+4103*0.20
25587 (C)	dead	(9002+6103)*1.00+4003*0.40+5006*0.75+4103*0.20
25588 (C)	dead	(9002+6104)*1.00+4003*0.40+5006*0.75+4103*0.20
25589 (C)	dead	(9002+6105)*1.00+4003*0.40+5006*0.75+4103*0.20
25590 (C)	dead	(9002+6106)*1.00+4003*0.40+5006*0.75+4103*0.20
25591 (C)	dead	(9002+6107)*1.00+4003*0.40+5006*0.75+4103*0.20
25592 (C)	dead	(9002+6108)*1.00+4003*0.40+5006*0.75+4103*0.20
25593 (C)	dead	(9002+6101)*1.00+4003*0.40+5007*0.75+4103*0.20
25594 (C)	dead	(9002+6102)*1.00+4003*0.40+5007*0.75+4103*0.20
25595 (C)	dead	(9002+6103)*1.00+4003*0.40+5007*0.75+4103*0.20
25596 (C)	dead	(9002+6104)*1.00+4003*0.40+5007*0.75+4103*0.20
25597 (C)	dead	(9002+6105)*1.00+4003*0.40+5007*0.75+4103*0.20
25598 (C)	dead	(9002+6106)*1.00+4003*0.40+5007*0.75+4103*0.20
25599 (C)	dead	(9002+6107)*1.00+4003*0.40+5007*0.75+4103*0.20
25600 (C)	dead	(9002+6108)*1.00+4003*0.40+5007*0.75+4103*0.20
25601 (C)	dead	(9002+6101)*1.00+4004*0.40+5001*0.75+4104*0.20
25602 (C)	dead	(9002+6102)*1.00+4004*0.40+5001*0.75+4104*0.20
25603 (C)	dead	(9002+6103)*1.00+4004*0.40+5001*0.75+4104*0.20
25604 (C)	dead	(9002+6104)*1.00+4004*0.40+5001*0.75+4104*0.20
25605 (C)	dead	(9002+6105)*1.00+4004*0.40+5001*0.75+4104*0.20
25606 (C)	dead	(9002+6106)*1.00+4004*0.40+5001*0.75+4104*0.20
25607 (C)	dead	(9002+6107)*1.00+4004*0.40+5001*0.75+4104*0.20
25608 (C)	dead	(9002+6108)*1.00+4004*0.40+5001*0.75+4104*0.20
25609 (C)	dead	(9002+6101)*1.00+4004*0.40+5002*0.75+4104*0.20
25610 (C)	dead	(9002+6102)*1.00+4004*0.40+5002*0.75+4104*0.20
25611 (C)	dead	(9002+6103)*1.00+4004*0.40+5002*0.75+4104*0.20
25612 (C)	dead	(9002+6104)*1.00+4004*0.40+5002*0.75+4104*0.20
25613 (C)	dead	(9002+6105)*1.00+4004*0.40+5002*0.75+4104*0.20
25614 (C)	dead	(9002+6106)*1.00+4004*0.40+5002*0.75+4104*0.20
25615 (C)	dead	(9002+6107)*1.00+4004*0.40+5002*0.75+4104*0.20
25616 (C)	dead	(9002+6108)*1.00+4004*0.40+5002*0.75+4104*0.20
25617 (C)	dead	(9002+6101)*1.00+4004*0.40+5003*0.75+4104*0.20
25618 (C)	dead	(9002+6102)*1.00+4004*0.40+5003*0.75+4104*0.20
25619 (C)	dead	(9002+6103)*1.00+4004*0.40+5003*0.75+4104*0.20
25620 (C)	dead	(9002+6104)*1.00+4004*0.40+5003*0.75+4104*0.20
25621 (C)	dead	(9002+6105)*1.00+4004*0.40+5003*0.75+4104*0.20
25622 (C)	dead	(9002+6106)*1.00+4004*0.40+5003*0.75+4104*0.20
25623 (C)	dead	(9002+6107)*1.00+4004*0.40+5003*0.75+4104*0.20
25624 (C)	dead	(9002+6108)*1.00+4004*0.40+5003*0.75+4104*0.20
25625 (C)	dead	(9002+6101)*1.00+4004*0.40+5004*0.75+4104*0.20
25626 (C)	dead	(9002+6102)*1.00+4004*0.40+5004*0.75+4104*0.20
25627 (C)	dead	(9002+6103)*1.00+4004*0.40+5004*0.75+4104*0.20
25628 (C)	dead	(9002+6104)*1.00+4004*0.40+5004*0.75+4104*0.20
25629 (C)	dead	(9002+6105)*1.00+4004*0.40+5004*0.75+4104*0.20
25630 (C)	dead	(9002+6106)*1.00+4004*0.40+5004*0.75+4104*0.20
25631 (C)	dead	(9002+6107)*1.00+4004*0.40+5004*0.75+4104*0.20
25632 (C)	dead	(9002+6108)*1.00+4004*0.40+5004*0.75+4104*0.20
25633 (C)	dead	(9002+6101)*1.00+4004*0.40+5005*0.75+4104*0.20
25634 (C)	dead	(9002+6102)*1.00+4004*0.40+5005*0.75+4104*0.20
25635 (C)	dead	(9002+6103)*1.00+4004*0.40+5005*0.75+4104*0.20

Combinations	Case nature	Definition
25636 (C)	dead	(9002+6104)*1.00+4004*0.40+5005*0.75+4104*0.20
25637 (C)	dead	(9002+6105)*1.00+4004*0.40+5005*0.75+4104*0.20
25638 (C)	dead	(9002+6106)*1.00+4004*0.40+5005*0.75+4104*0.20
25639 (C)	dead	(9002+6107)*1.00+4004*0.40+5005*0.75+4104*0.20
25640 (C)	dead	(9002+6108)*1.00+4004*0.40+5005*0.75+4104*0.20
25641 (C)	dead	(9002+6101)*1.00+4004*0.40+5006*0.75+4104*0.20
25642 (C)	dead	(9002+6102)*1.00+4004*0.40+5006*0.75+4104*0.20
25643 (C)	dead	(9002+6103)*1.00+4004*0.40+5006*0.75+4104*0.20
25644 (C)	dead	(9002+6104)*1.00+4004*0.40+5006*0.75+4104*0.20
25645 (C)	dead	(9002+6105)*1.00+4004*0.40+5006*0.75+4104*0.20
25646 (C)	dead	(9002+6106)*1.00+4004*0.40+5006*0.75+4104*0.20
25647 (C)	dead	(9002+6107)*1.00+4004*0.40+5006*0.75+4104*0.20
25648 (C)	dead	(9002+6108)*1.00+4004*0.40+5006*0.75+4104*0.20
25649 (C)	dead	(9002+6101)*1.00+4004*0.40+5007*0.75+4104*0.20
25650 (C)	dead	(9002+6102)*1.00+4004*0.40+5007*0.75+4104*0.20
25651 (C)	dead	(9002+6103)*1.00+4004*0.40+5007*0.75+4104*0.20
25652 (C)	dead	(9002+6104)*1.00+4004*0.40+5007*0.75+4104*0.20
25653 (C)	dead	(9002+6105)*1.00+4004*0.40+5007*0.75+4104*0.20
25654 (C)	dead	(9002+6106)*1.00+4004*0.40+5007*0.75+4104*0.20
25655 (C)	dead	(9002+6107)*1.00+4004*0.40+5007*0.75+4104*0.20
25656 (C)	dead	(9002+6108)*1.00+4004*0.40+5007*0.75+4104*0.20
25657 (C)	dead	(9002+6101)*1.00+4005*0.40+5001*0.75+4105*0.20
25658 (C)	dead	(9002+6102)*1.00+4005*0.40+5001*0.75+4105*0.20
25659 (C)	dead	(9002+6103)*1.00+4005*0.40+5001*0.75+4105*0.20
25660 (C)	dead	(9002+6104)*1.00+4005*0.40+5001*0.75+4105*0.20
25661 (C)	dead	(9002+6105)*1.00+4005*0.40+5001*0.75+4105*0.20
25662 (C)	dead	(9002+6106)*1.00+4005*0.40+5001*0.75+4105*0.20
25663 (C)	dead	(9002+6107)*1.00+4005*0.40+5001*0.75+4105*0.20
25664 (C)	dead	(9002+6108)*1.00+4005*0.40+5001*0.75+4105*0.20
25665 (C)	dead	(9002+6101)*1.00+4005*0.40+5002*0.75+4105*0.20
25666 (C)	dead	(9002+6102)*1.00+4005*0.40+5002*0.75+4105*0.20
25667 (C)	dead	(9002+6103)*1.00+4005*0.40+5002*0.75+4105*0.20
25668 (C)	dead	(9002+6104)*1.00+4005*0.40+5002*0.75+4105*0.20
25669 (C)	dead	(9002+6105)*1.00+4005*0.40+5002*0.75+4105*0.20
25670 (C)	dead	(9002+6106)*1.00+4005*0.40+5002*0.75+4105*0.20
25671 (C)	dead	(9002+6107)*1.00+4005*0.40+5002*0.75+4105*0.20
25672 (C)	dead	(9002+6108)*1.00+4005*0.40+5002*0.75+4105*0.20
25673 (C)	dead	(9002+6101)*1.00+4005*0.40+5003*0.75+4105*0.20
25674 (C)	dead	(9002+6102)*1.00+4005*0.40+5003*0.75+4105*0.20
25675 (C)	dead	(9002+6103)*1.00+4005*0.40+5003*0.75+4105*0.20
25676 (C)	dead	(9002+6104)*1.00+4005*0.40+5003*0.75+4105*0.20
25677 (C)	dead	(9002+6105)*1.00+4005*0.40+5003*0.75+4105*0.20
25678 (C)	dead	(9002+6106)*1.00+4005*0.40+5003*0.75+4105*0.20
25679 (C)	dead	(9002+6107)*1.00+4005*0.40+5003*0.75+4105*0.20
25680 (C)	dead	(9002+6108)*1.00+4005*0.40+5003*0.75+4105*0.20
25681 (C)	dead	(9002+6101)*1.00+4005*0.40+5004*0.75+4105*0.20
25682 (C)	dead	(9002+6102)*1.00+4005*0.40+5004*0.75+4105*0.20
25683 (C)	dead	(9002+6103)*1.00+4005*0.40+5004*0.75+4105*0.20
25684 (C)	dead	(9002+6104)*1.00+4005*0.40+5004*0.75+4105*0.20
25685 (C)	dead	(9002+6105)*1.00+4005*0.40+5004*0.75+4105*0.20
25686 (C)	dead	(9002+6106)*1.00+4005*0.40+5004*0.75+4105*0.20
25687 (C)	dead	(9002+6107)*1.00+4005*0.40+5004*0.75+4105*0.20

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
25688 (C)	dead	(9002+6108)*1.00+4005*0.40+5004*0.75+4105*0.20
25689 (C)	dead	(9002+6101)*1.00+4005*0.40+5005*0.75+4105*0.20
25690 (C)	dead	(9002+6102)*1.00+4005*0.40+5005*0.75+4105*0.20
25691 (C)	dead	(9002+6103)*1.00+4005*0.40+5005*0.75+4105*0.20
25692 (C)	dead	(9002+6104)*1.00+4005*0.40+5005*0.75+4105*0.20
25693 (C)	dead	(9002+6105)*1.00+4005*0.40+5005*0.75+4105*0.20
25694 (C)	dead	(9002+6106)*1.00+4005*0.40+5005*0.75+4105*0.20
25695 (C)	dead	(9002+6107)*1.00+4005*0.40+5005*0.75+4105*0.20
25696 (C)	dead	(9002+6108)*1.00+4005*0.40+5005*0.75+4105*0.20
25697 (C)	dead	(9002+6101)*1.00+4005*0.40+5006*0.75+4105*0.20
25698 (C)	dead	(9002+6102)*1.00+4005*0.40+5006*0.75+4105*0.20
25699 (C)	dead	(9002+6103)*1.00+4005*0.40+5006*0.75+4105*0.20
25700 (C)	dead	(9002+6104)*1.00+4005*0.40+5006*0.75+4105*0.20
25701 (C)	dead	(9002+6105)*1.00+4005*0.40+5006*0.75+4105*0.20
25702 (C)	dead	(9002+6106)*1.00+4005*0.40+5006*0.75+4105*0.20
25703 (C)	dead	(9002+6107)*1.00+4005*0.40+5006*0.75+4105*0.20
25704 (C)	dead	(9002+6108)*1.00+4005*0.40+5006*0.75+4105*0.20
25705 (C)	dead	(9002+6101)*1.00+4005*0.40+5007*0.75+4105*0.20
25706 (C)	dead	(9002+6102)*1.00+4005*0.40+5007*0.75+4105*0.20
25707 (C)	dead	(9002+6103)*1.00+4005*0.40+5007*0.75+4105*0.20
25708 (C)	dead	(9002+6104)*1.00+4005*0.40+5007*0.75+4105*0.20
25709 (C)	dead	(9002+6105)*1.00+4005*0.40+5007*0.75+4105*0.20
25710 (C)	dead	(9002+6106)*1.00+4005*0.40+5007*0.75+4105*0.20
25711 (C)	dead	(9002+6107)*1.00+4005*0.40+5007*0.75+4105*0.20
25712 (C)	dead	(9002+6108)*1.00+4005*0.40+5007*0.75+4105*0.20
25713 (C)	dead	(9002+6101)*1.00+4006*0.40+5001*0.75+4106*0.20
25714 (C)	dead	(9002+6102)*1.00+4006*0.40+5001*0.75+4106*0.20
25715 (C)	dead	(9002+6103)*1.00+4006*0.40+5001*0.75+4106*0.20
25716 (C)	dead	(9002+6104)*1.00+4006*0.40+5001*0.75+4106*0.20
25717 (C)	dead	(9002+6105)*1.00+4006*0.40+5001*0.75+4106*0.20
25718 (C)	dead	(9002+6106)*1.00+4006*0.40+5001*0.75+4106*0.20
25719 (C)	dead	(9002+6107)*1.00+4006*0.40+5001*0.75+4106*0.20
25720 (C)	dead	(9002+6108)*1.00+4006*0.40+5001*0.75+4106*0.20
25721 (C)	dead	(9002+6101)*1.00+4006*0.40+5002*0.75+4106*0.20
25722 (C)	dead	(9002+6102)*1.00+4006*0.40+5002*0.75+4106*0.20
25723 (C)	dead	(9002+6103)*1.00+4006*0.40+5002*0.75+4106*0.20
25724 (C)	dead	(9002+6104)*1.00+4006*0.40+5002*0.75+4106*0.20
25725 (C)	dead	(9002+6105)*1.00+4006*0.40+5002*0.75+4106*0.20
25726 (C)	dead	(9002+6106)*1.00+4006*0.40+5002*0.75+4106*0.20
25727 (C)	dead	(9002+6107)*1.00+4006*0.40+5002*0.75+4106*0.20
25728 (C)	dead	(9002+6108)*1.00+4006*0.40+5002*0.75+4106*0.20
25729 (C)	dead	(9002+6101)*1.00+4006*0.40+5003*0.75+4106*0.20
25730 (C)	dead	(9002+6102)*1.00+4006*0.40+5003*0.75+4106*0.20
25731 (C)	dead	(9002+6103)*1.00+4006*0.40+5003*0.75+4106*0.20
25732 (C)	dead	(9002+6104)*1.00+4006*0.40+5003*0.75+4106*0.20
25733 (C)	dead	(9002+6105)*1.00+4006*0.40+5003*0.75+4106*0.20
25734 (C)	dead	(9002+6106)*1.00+4006*0.40+5003*0.75+4106*0.20
25735 (C)	dead	(9002+6107)*1.00+4006*0.40+5003*0.75+4106*0.20
25736 (C)	dead	(9002+6108)*1.00+4006*0.40+5003*0.75+4106*0.20
25737 (C)	dead	(9002+6101)*1.00+4006*0.40+5004*0.75+4106*0.20
25738 (C)	dead	(9002+6102)*1.00+4006*0.40+5004*0.75+4106*0.20
25739 (C)	dead	(9002+6103)*1.00+4006*0.40+5004*0.75+4106*0.20

Combinations	Case nature	Definition
25740 (C)	dead	(9002+6104)*1.00+4006*0.40+5004*0.75+4106*0.20
25741 (C)	dead	(9002+6105)*1.00+4006*0.40+5004*0.75+4106*0.20
25742 (C)	dead	(9002+6106)*1.00+4006*0.40+5004*0.75+4106*0.20
25743 (C)	dead	(9002+6107)*1.00+4006*0.40+5004*0.75+4106*0.20
25744 (C)	dead	(9002+6108)*1.00+4006*0.40+5004*0.75+4106*0.20
25745 (C)	dead	(9002+6101)*1.00+4006*0.40+5005*0.75+4106*0.20
25746 (C)	dead	(9002+6102)*1.00+4006*0.40+5005*0.75+4106*0.20
25747 (C)	dead	(9002+6103)*1.00+4006*0.40+5005*0.75+4106*0.20
25748 (C)	dead	(9002+6104)*1.00+4006*0.40+5005*0.75+4106*0.20
25749 (C)	dead	(9002+6105)*1.00+4006*0.40+5005*0.75+4106*0.20
25750 (C)	dead	(9002+6106)*1.00+4006*0.40+5005*0.75+4106*0.20
25751 (C)	dead	(9002+6107)*1.00+4006*0.40+5005*0.75+4106*0.20
25752 (C)	dead	(9002+6108)*1.00+4006*0.40+5005*0.75+4106*0.20
25753 (C)	dead	(9002+6101)*1.00+4006*0.40+5006*0.75+4106*0.20
25754 (C)	dead	(9002+6102)*1.00+4006*0.40+5006*0.75+4106*0.20
25755 (C)	dead	(9002+6103)*1.00+4006*0.40+5006*0.75+4106*0.20
25756 (C)	dead	(9002+6104)*1.00+4006*0.40+5006*0.75+4106*0.20
25757 (C)	dead	(9002+6105)*1.00+4006*0.40+5006*0.75+4106*0.20
25758 (C)	dead	(9002+6106)*1.00+4006*0.40+5006*0.75+4106*0.20
25759 (C)	dead	(9002+6107)*1.00+4006*0.40+5006*0.75+4106*0.20
25760 (C)	dead	(9002+6108)*1.00+4006*0.40+5006*0.75+4106*0.20
25761 (C)	dead	(9002+6101)*1.00+4006*0.40+5007*0.75+4106*0.20
25762 (C)	dead	(9002+6102)*1.00+4006*0.40+5007*0.75+4106*0.20
25763 (C)	dead	(9002+6103)*1.00+4006*0.40+5007*0.75+4106*0.20
25764 (C)	dead	(9002+6104)*1.00+4006*0.40+5007*0.75+4106*0.20
25765 (C)	dead	(9002+6105)*1.00+4006*0.40+5007*0.75+4106*0.20
25766 (C)	dead	(9002+6106)*1.00+4006*0.40+5007*0.75+4106*0.20
25767 (C)	dead	(9002+6107)*1.00+4006*0.40+5007*0.75+4106*0.20
25768 (C)	dead	(9002+6108)*1.00+4006*0.40+5007*0.75+4106*0.20
25769 (C)	dead	(9002+6101)*1.00+4007*0.40+5001*0.75+4107*0.20
25770 (C)	dead	(9002+6102)*1.00+4007*0.40+5001*0.75+4107*0.20
25771 (C)	dead	(9002+6103)*1.00+4007*0.40+5001*0.75+4107*0.20
25772 (C)	dead	(9002+6104)*1.00+4007*0.40+5001*0.75+4107*0.20
25773 (C)	dead	(9002+6105)*1.00+4007*0.40+5001*0.75+4107*0.20
25774 (C)	dead	(9002+6106)*1.00+4007*0.40+5001*0.75+4107*0.20
25775 (C)	dead	(9002+6107)*1.00+4007*0.40+5001*0.75+4107*0.20
25776 (C)	dead	(9002+6108)*1.00+4007*0.40+5001*0.75+4107*0.20
25777 (C)	dead	(9002+6101)*1.00+4007*0.40+5002*0.75+4107*0.20
25778 (C)	dead	(9002+6102)*1.00+4007*0.40+5002*0.75+4107*0.20
25779 (C)	dead	(9002+6103)*1.00+4007*0.40+5002*0.75+4107*0.20
25780 (C)	dead	(9002+6104)*1.00+4007*0.40+5002*0.75+4107*0.20
25781 (C)	dead	(9002+6105)*1.00+4007*0.40+5002*0.75+4107*0.20
25782 (C)	dead	(9002+6106)*1.00+4007*0.40+5002*0.75+4107*0.20
25783 (C)	dead	(9002+6107)*1.00+4007*0.40+5002*0.75+4107*0.20
25784 (C)	dead	(9002+6108)*1.00+4007*0.40+5002*0.75+4107*0.20
25785 (C)	dead	(9002+6101)*1.00+4007*0.40+5003*0.75+4107*0.20
25786 (C)	dead	(9002+6102)*1.00+4007*0.40+5003*0.75+4107*0.20
25787 (C)	dead	(9002+6103)*1.00+4007*0.40+5003*0.75+4107*0.20
25788 (C)	dead	(9002+6104)*1.00+4007*0.40+5003*0.75+4107*0.20
25789 (C)	dead	(9002+6105)*1.00+4007*0.40+5003*0.75+4107*0.20
25790 (C)	dead	(9002+6106)*1.00+4007*0.40+5003*0.75+4107*0.20
25791 (C)	dead	(9002+6107)*1.00+4007*0.40+5003*0.75+4107*0.20

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
25792 (C)	dead	(9002+6108)*1.00+4007*0.40+5003*0.75+4107*0.20
25793 (C)	dead	(9002+6101)*1.00+4007*0.40+5004*0.75+4107*0.20
25794 (C)	dead	(9002+6102)*1.00+4007*0.40+5004*0.75+4107*0.20
25795 (C)	dead	(9002+6103)*1.00+4007*0.40+5004*0.75+4107*0.20
25796 (C)	dead	(9002+6104)*1.00+4007*0.40+5004*0.75+4107*0.20
25797 (C)	dead	(9002+6105)*1.00+4007*0.40+5004*0.75+4107*0.20
25798 (C)	dead	(9002+6106)*1.00+4007*0.40+5004*0.75+4107*0.20
25799 (C)	dead	(9002+6107)*1.00+4007*0.40+5004*0.75+4107*0.20
25800 (C)	dead	(9002+6108)*1.00+4007*0.40+5004*0.75+4107*0.20
25801 (C)	dead	(9002+6101)*1.00+4007*0.40+5005*0.75+4107*0.20
25802 (C)	dead	(9002+6102)*1.00+4007*0.40+5005*0.75+4107*0.20
25803 (C)	dead	(9002+6103)*1.00+4007*0.40+5005*0.75+4107*0.20
25804 (C)	dead	(9002+6104)*1.00+4007*0.40+5005*0.75+4107*0.20
25805 (C)	dead	(9002+6105)*1.00+4007*0.40+5005*0.75+4107*0.20
25806 (C)	dead	(9002+6106)*1.00+4007*0.40+5005*0.75+4107*0.20
25807 (C)	dead	(9002+6107)*1.00+4007*0.40+5005*0.75+4107*0.20
25808 (C)	dead	(9002+6108)*1.00+4007*0.40+5005*0.75+4107*0.20
25809 (C)	dead	(9002+6101)*1.00+4007*0.40+5006*0.75+4107*0.20
25810 (C)	dead	(9002+6102)*1.00+4007*0.40+5006*0.75+4107*0.20
25811 (C)	dead	(9002+6103)*1.00+4007*0.40+5006*0.75+4107*0.20
25812 (C)	dead	(9002+6104)*1.00+4007*0.40+5006*0.75+4107*0.20
25813 (C)	dead	(9002+6105)*1.00+4007*0.40+5006*0.75+4107*0.20
25814 (C)	dead	(9002+6106)*1.00+4007*0.40+5006*0.75+4107*0.20
25815 (C)	dead	(9002+6107)*1.00+4007*0.40+5006*0.75+4107*0.20
25816 (C)	dead	(9002+6108)*1.00+4007*0.40+5006*0.75+4107*0.20
25817 (C)	dead	(9002+6101)*1.00+4007*0.40+5007*0.75+4107*0.20
25818 (C)	dead	(9002+6102)*1.00+4007*0.40+5007*0.75+4107*0.20
25819 (C)	dead	(9002+6103)*1.00+4007*0.40+5007*0.75+4107*0.20
25820 (C)	dead	(9002+6104)*1.00+4007*0.40+5007*0.75+4107*0.20
25821 (C)	dead	(9002+6105)*1.00+4007*0.40+5007*0.75+4107*0.20
25822 (C)	dead	(9002+6106)*1.00+4007*0.40+5007*0.75+4107*0.20
25823 (C)	dead	(9002+6107)*1.00+4007*0.40+5007*0.75+4107*0.20
25824 (C)	dead	(9002+6108)*1.00+4007*0.40+5007*0.75+4107*0.20
25825 (C)	dead	(9002+6101)*1.00+4008*0.40+5001*0.75+4108*0.20
25826 (C)	dead	(9002+6102)*1.00+4008*0.40+5001*0.75+4108*0.20
25827 (C)	dead	(9002+6103)*1.00+4008*0.40+5001*0.75+4108*0.20
25828 (C)	dead	(9002+6104)*1.00+4008*0.40+5001*0.75+4108*0.20
25829 (C)	dead	(9002+6105)*1.00+4008*0.40+5001*0.75+4108*0.20
25830 (C)	dead	(9002+6106)*1.00+4008*0.40+5001*0.75+4108*0.20
25831 (C)	dead	(9002+6107)*1.00+4008*0.40+5001*0.75+4108*0.20
25832 (C)	dead	(9002+6108)*1.00+4008*0.40+5001*0.75+4108*0.20
25833 (C)	dead	(9002+6101)*1.00+4008*0.40+5002*0.75+4108*0.20
25834 (C)	dead	(9002+6102)*1.00+4008*0.40+5002*0.75+4108*0.20
25835 (C)	dead	(9002+6103)*1.00+4008*0.40+5002*0.75+4108*0.20
25836 (C)	dead	(9002+6104)*1.00+4008*0.40+5002*0.75+4108*0.20
25837 (C)	dead	(9002+6105)*1.00+4008*0.40+5002*0.75+4108*0.20
25838 (C)	dead	(9002+6106)*1.00+4008*0.40+5002*0.75+4108*0.20
25839 (C)	dead	(9002+6107)*1.00+4008*0.40+5002*0.75+4108*0.20
25840 (C)	dead	(9002+6108)*1.00+4008*0.40+5002*0.75+4108*0.20
25841 (C)	dead	(9002+6101)*1.00+4008*0.40+5003*0.75+4108*0.20
25842 (C)	dead	(9002+6102)*1.00+4008*0.40+5003*0.75+4108*0.20
25843 (C)	dead	(9002+6103)*1.00+4008*0.40+5003*0.75+4108*0.20

Combinations	Case nature	Definition
25844 (C)	dead	(9002+6104)*1.00+4008*0.40+5003*0.75+4108*0.20
25845 (C)	dead	(9002+6105)*1.00+4008*0.40+5003*0.75+4108*0.20
25846 (C)	dead	(9002+6106)*1.00+4008*0.40+5003*0.75+4108*0.20
25847 (C)	dead	(9002+6107)*1.00+4008*0.40+5003*0.75+4108*0.20
25848 (C)	dead	(9002+6108)*1.00+4008*0.40+5003*0.75+4108*0.20
25849 (C)	dead	(9002+6101)*1.00+4008*0.40+5004*0.75+4108*0.20
25850 (C)	dead	(9002+6102)*1.00+4008*0.40+5004*0.75+4108*0.20
25851 (C)	dead	(9002+6103)*1.00+4008*0.40+5004*0.75+4108*0.20
25852 (C)	dead	(9002+6104)*1.00+4008*0.40+5004*0.75+4108*0.20
25853 (C)	dead	(9002+6105)*1.00+4008*0.40+5004*0.75+4108*0.20
25854 (C)	dead	(9002+6106)*1.00+4008*0.40+5004*0.75+4108*0.20
25855 (C)	dead	(9002+6107)*1.00+4008*0.40+5004*0.75+4108*0.20
25856 (C)	dead	(9002+6108)*1.00+4008*0.40+5004*0.75+4108*0.20
25857 (C)	dead	(9002+6101)*1.00+4008*0.40+5005*0.75+4108*0.20
25858 (C)	dead	(9002+6102)*1.00+4008*0.40+5005*0.75+4108*0.20
25859 (C)	dead	(9002+6103)*1.00+4008*0.40+5005*0.75+4108*0.20
25860 (C)	dead	(9002+6104)*1.00+4008*0.40+5005*0.75+4108*0.20
25861 (C)	dead	(9002+6105)*1.00+4008*0.40+5005*0.75+4108*0.20
25862 (C)	dead	(9002+6106)*1.00+4008*0.40+5005*0.75+4108*0.20
25863 (C)	dead	(9002+6107)*1.00+4008*0.40+5005*0.75+4108*0.20
25864 (C)	dead	(9002+6108)*1.00+4008*0.40+5005*0.75+4108*0.20
25865 (C)	dead	(9002+6101)*1.00+4008*0.40+5006*0.75+4108*0.20
25866 (C)	dead	(9002+6102)*1.00+4008*0.40+5006*0.75+4108*0.20
25867 (C)	dead	(9002+6103)*1.00+4008*0.40+5006*0.75+4108*0.20
25868 (C)	dead	(9002+6104)*1.00+4008*0.40+5006*0.75+4108*0.20
25869 (C)	dead	(9002+6105)*1.00+4008*0.40+5006*0.75+4108*0.20
25870 (C)	dead	(9002+6106)*1.00+4008*0.40+5006*0.75+4108*0.20
25871 (C)	dead	(9002+6107)*1.00+4008*0.40+5006*0.75+4108*0.20
25872 (C)	dead	(9002+6108)*1.00+4008*0.40+5006*0.75+4108*0.20
25873 (C)	dead	(9002+6101)*1.00+4008*0.40+5007*0.75+4108*0.20
25874 (C)	dead	(9002+6102)*1.00+4008*0.40+5007*0.75+4108*0.20
25875 (C)	dead	(9002+6103)*1.00+4008*0.40+5007*0.75+4108*0.20
25876 (C)	dead	(9002+6104)*1.00+4008*0.40+5007*0.75+4108*0.20
25877 (C)	dead	(9002+6105)*1.00+4008*0.40+5007*0.75+4108*0.20
25878 (C)	dead	(9002+6106)*1.00+4008*0.40+5007*0.75+4108*0.20
25879 (C)	dead	(9002+6107)*1.00+4008*0.40+5007*0.75+4108*0.20
25880 (C)	dead	(9002+6108)*1.00+4008*0.40+5007*0.75+4108*0.20
25881 (C)	dead	(9002+6101)*1.00+4009*0.40+5001*0.75+4109*0.20
25882 (C)	dead	(9002+6102)*1.00+4009*0.40+5001*0.75+4109*0.20
25883 (C)	dead	(9002+6103)*1.00+4009*0.40+5001*0.75+4109*0.20
25884 (C)	dead	(9002+6104)*1.00+4009*0.40+5001*0.75+4109*0.20
25885 (C)	dead	(9002+6105)*1.00+4009*0.40+5001*0.75+4109*0.20
25886 (C)	dead	(9002+6106)*1.00+4009*0.40+5001*0.75+4109*0.20
25887 (C)	dead	(9002+6107)*1.00+4009*0.40+5001*0.75+4109*0.20
25888 (C)	dead	(9002+6108)*1.00+4009*0.40+5001*0.75+4109*0.20
25889 (C)	dead	(9002+6101)*1.00+4009*0.40+5002*0.75+4109*0.20
25890 (C)	dead	(9002+6102)*1.00+4009*0.40+5002*0.75+4109*0.20
25891 (C)	dead	(9002+6103)*1.00+4009*0.40+5002*0.75+4109*0.20
25892 (C)	dead	(9002+6104)*1.00+4009*0.40+5002*0.75+4109*0.20
25893 (C)	dead	(9002+6105)*1.00+4009*0.40+5002*0.75+4109*0.20
25894 (C)	dead	(9002+6106)*1.00+4009*0.40+5002*0.75+4109*0.20
25895 (C)	dead	(9002+6107)*1.00+4009*0.40+5002*0.75+4109*0.20

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
25896 (C)	dead	(9002+6108)*1.00+4009*0.40+5002*0.75+4109*0.20
25897 (C)	dead	(9002+6101)*1.00+4009*0.40+5003*0.75+4109*0.20
25898 (C)	dead	(9002+6102)*1.00+4009*0.40+5003*0.75+4109*0.20
25899 (C)	dead	(9002+6103)*1.00+4009*0.40+5003*0.75+4109*0.20
25900 (C)	dead	(9002+6104)*1.00+4009*0.40+5003*0.75+4109*0.20
25901 (C)	dead	(9002+6105)*1.00+4009*0.40+5003*0.75+4109*0.20
25902 (C)	dead	(9002+6106)*1.00+4009*0.40+5003*0.75+4109*0.20
25903 (C)	dead	(9002+6107)*1.00+4009*0.40+5003*0.75+4109*0.20
25904 (C)	dead	(9002+6108)*1.00+4009*0.40+5003*0.75+4109*0.20
25905 (C)	dead	(9002+6101)*1.00+4009*0.40+5004*0.75+4109*0.20
25906 (C)	dead	(9002+6102)*1.00+4009*0.40+5004*0.75+4109*0.20
25907 (C)	dead	(9002+6103)*1.00+4009*0.40+5004*0.75+4109*0.20
25908 (C)	dead	(9002+6104)*1.00+4009*0.40+5004*0.75+4109*0.20
25909 (C)	dead	(9002+6105)*1.00+4009*0.40+5004*0.75+4109*0.20
25910 (C)	dead	(9002+6106)*1.00+4009*0.40+5004*0.75+4109*0.20
25911 (C)	dead	(9002+6107)*1.00+4009*0.40+5004*0.75+4109*0.20
25912 (C)	dead	(9002+6108)*1.00+4009*0.40+5004*0.75+4109*0.20
25913 (C)	dead	(9002+6101)*1.00+4009*0.40+5005*0.75+4109*0.20
25914 (C)	dead	(9002+6102)*1.00+4009*0.40+5005*0.75+4109*0.20
25915 (C)	dead	(9002+6103)*1.00+4009*0.40+5005*0.75+4109*0.20
25916 (C)	dead	(9002+6104)*1.00+4009*0.40+5005*0.75+4109*0.20
25917 (C)	dead	(9002+6105)*1.00+4009*0.40+5005*0.75+4109*0.20
25918 (C)	dead	(9002+6106)*1.00+4009*0.40+5005*0.75+4109*0.20
25919 (C)	dead	(9002+6107)*1.00+4009*0.40+5005*0.75+4109*0.20
25920 (C)	dead	(9002+6108)*1.00+4009*0.40+5005*0.75+4109*0.20
25921 (C)	dead	(9002+6101)*1.00+4009*0.40+5006*0.75+4109*0.20
25922 (C)	dead	(9002+6102)*1.00+4009*0.40+5006*0.75+4109*0.20
25923 (C)	dead	(9002+6103)*1.00+4009*0.40+5006*0.75+4109*0.20
25924 (C)	dead	(9002+6104)*1.00+4009*0.40+5006*0.75+4109*0.20
25925 (C)	dead	(9002+6105)*1.00+4009*0.40+5006*0.75+4109*0.20
25926 (C)	dead	(9002+6106)*1.00+4009*0.40+5006*0.75+4109*0.20
25927 (C)	dead	(9002+6107)*1.00+4009*0.40+5006*0.75+4109*0.20
25928 (C)	dead	(9002+6108)*1.00+4009*0.40+5006*0.75+4109*0.20
25929 (C)	dead	(9002+6101)*1.00+4009*0.40+5007*0.75+4109*0.20
25930 (C)	dead	(9002+6102)*1.00+4009*0.40+5007*0.75+4109*0.20
25931 (C)	dead	(9002+6103)*1.00+4009*0.40+5007*0.75+4109*0.20
25932 (C)	dead	(9002+6104)*1.00+4009*0.40+5007*0.75+4109*0.20
25933 (C)	dead	(9002+6105)*1.00+4009*0.40+5007*0.75+4109*0.20
25934 (C)	dead	(9002+6106)*1.00+4009*0.40+5007*0.75+4109*0.20
25935 (C)	dead	(9002+6107)*1.00+4009*0.40+5007*0.75+4109*0.20
25936 (C)	dead	(9002+6108)*1.00+4009*0.40+5007*0.75+4109*0.20
25937 (C)	dead	(9002+6101)*1.00+4010*0.40+5001*0.75+4110*0.20
25938 (C)	dead	(9002+6102)*1.00+4010*0.40+5001*0.75+4110*0.20
25939 (C)	dead	(9002+6103)*1.00+4010*0.40+5001*0.75+4110*0.20
25940 (C)	dead	(9002+6104)*1.00+4010*0.40+5001*0.75+4110*0.20
25941 (C)	dead	(9002+6105)*1.00+4010*0.40+5001*0.75+4110*0.20
25942 (C)	dead	(9002+6106)*1.00+4010*0.40+5001*0.75+4110*0.20
25943 (C)	dead	(9002+6107)*1.00+4010*0.40+5001*0.75+4110*0.20
25944 (C)	dead	(9002+6108)*1.00+4010*0.40+5001*0.75+4110*0.20
25945 (C)	dead	(9002+6101)*1.00+4010*0.40+5002*0.75+4110*0.20
25946 (C)	dead	(9002+6102)*1.00+4010*0.40+5002*0.75+4110*0.20
25947 (C)	dead	(9002+6103)*1.00+4010*0.40+5002*0.75+4110*0.20

Combinations	Case nature	Definition
25948 (C)	dead	(9002+6104)*1.00+4010*0.40+5002*0.75+4110*0.20
25949 (C)	dead	(9002+6105)*1.00+4010*0.40+5002*0.75+4110*0.20
25950 (C)	dead	(9002+6106)*1.00+4010*0.40+5002*0.75+4110*0.20
25951 (C)	dead	(9002+6107)*1.00+4010*0.40+5002*0.75+4110*0.20
25952 (C)	dead	(9002+6108)*1.00+4010*0.40+5002*0.75+4110*0.20
25953 (C)	dead	(9002+6101)*1.00+4010*0.40+5003*0.75+4110*0.20
25954 (C)	dead	(9002+6102)*1.00+4010*0.40+5003*0.75+4110*0.20
25955 (C)	dead	(9002+6103)*1.00+4010*0.40+5003*0.75+4110*0.20
25956 (C)	dead	(9002+6104)*1.00+4010*0.40+5003*0.75+4110*0.20
25957 (C)	dead	(9002+6105)*1.00+4010*0.40+5003*0.75+4110*0.20
25958 (C)	dead	(9002+6106)*1.00+4010*0.40+5003*0.75+4110*0.20
25959 (C)	dead	(9002+6107)*1.00+4010*0.40+5003*0.75+4110*0.20
25960 (C)	dead	(9002+6108)*1.00+4010*0.40+5003*0.75+4110*0.20
25961 (C)	dead	(9002+6101)*1.00+4010*0.40+5004*0.75+4110*0.20
25962 (C)	dead	(9002+6102)*1.00+4010*0.40+5004*0.75+4110*0.20
25963 (C)	dead	(9002+6103)*1.00+4010*0.40+5004*0.75+4110*0.20
25964 (C)	dead	(9002+6104)*1.00+4010*0.40+5004*0.75+4110*0.20
25965 (C)	dead	(9002+6105)*1.00+4010*0.40+5004*0.75+4110*0.20
25966 (C)	dead	(9002+6106)*1.00+4010*0.40+5004*0.75+4110*0.20
25967 (C)	dead	(9002+6107)*1.00+4010*0.40+5004*0.75+4110*0.20
25968 (C)	dead	(9002+6108)*1.00+4010*0.40+5004*0.75+4110*0.20
25969 (C)	dead	(9002+6101)*1.00+4010*0.40+5005*0.75+4110*0.20
25970 (C)	dead	(9002+6102)*1.00+4010*0.40+5005*0.75+4110*0.20
25971 (C)	dead	(9002+6103)*1.00+4010*0.40+5005*0.75+4110*0.20
25972 (C)	dead	(9002+6104)*1.00+4010*0.40+5005*0.75+4110*0.20
25973 (C)	dead	(9002+6105)*1.00+4010*0.40+5005*0.75+4110*0.20
25974 (C)	dead	(9002+6106)*1.00+4010*0.40+5005*0.75+4110*0.20
25975 (C)	dead	(9002+6107)*1.00+4010*0.40+5005*0.75+4110*0.20
25976 (C)	dead	(9002+6108)*1.00+4010*0.40+5005*0.75+4110*0.20
25977 (C)	dead	(9002+6101)*1.00+4010*0.40+5006*0.75+4110*0.20
25978 (C)	dead	(9002+6102)*1.00+4010*0.40+5006*0.75+4110*0.20
25979 (C)	dead	(9002+6103)*1.00+4010*0.40+5006*0.75+4110*0.20
25980 (C)	dead	(9002+6104)*1.00+4010*0.40+5006*0.75+4110*0.20
25981 (C)	dead	(9002+6105)*1.00+4010*0.40+5006*0.75+4110*0.20
25982 (C)	dead	(9002+6106)*1.00+4010*0.40+5006*0.75+4110*0.20
25983 (C)	dead	(9002+6107)*1.00+4010*0.40+5006*0.75+4110*0.20
25984 (C)	dead	(9002+6108)*1.00+4010*0.40+5006*0.75+4110*0.20
25985 (C)	dead	(9002+6101)*1.00+4010*0.40+5007*0.75+4110*0.20
25986 (C)	dead	(9002+6102)*1.00+4010*0.40+5007*0.75+4110*0.20
25987 (C)	dead	(9002+6103)*1.00+4010*0.40+5007*0.75+4110*0.20
25988 (C)	dead	(9002+6104)*1.00+4010*0.40+5007*0.75+4110*0.20
25989 (C)	dead	(9002+6105)*1.00+4010*0.40+5007*0.75+4110*0.20
25990 (C)	dead	(9002+6106)*1.00+4010*0.40+5007*0.75+4110*0.20
25991 (C)	dead	(9002+6107)*1.00+4010*0.40+5007*0.75+4110*0.20
25992 (C)	dead	(9002+6108)*1.00+4010*0.40+5007*0.75+4110*0.20
25993 (C)	dead	(9002+6101)*1.00+4011*0.40+5001*0.75+4111*0.20
25994 (C)	dead	(9002+6102)*1.00+4011*0.40+5001*0.75+4111*0.20
25995 (C)	dead	(9002+6103)*1.00+4011*0.40+5001*0.75+4111*0.20
25996 (C)	dead	(9002+6104)*1.00+4011*0.40+5001*0.75+4111*0.20
25997 (C)	dead	(9002+6105)*1.00+4011*0.40+5001*0.75+4111*0.20
25998 (C)	dead	(9002+6106)*1.00+4011*0.40+5001*0.75+4111*0.20
25999 (C)	dead	(9002+6107)*1.00+4011*0.40+5001*0.75+4111*0.20

Combinations	Case nature	Definition
26000 (C)	dead	(9002+6108)*1.00+4011*0.40+5001*0.75+4111*0.20
26001 (C)	dead	(9002+6101)*1.00+4011*0.40+5002*0.75+4111*0.20
26002 (C)	dead	(9002+6102)*1.00+4011*0.40+5002*0.75+4111*0.20
26003 (C)	dead	(9002+6103)*1.00+4011*0.40+5002*0.75+4111*0.20
26004 (C)	dead	(9002+6104)*1.00+4011*0.40+5002*0.75+4111*0.20
26005 (C)	dead	(9002+6105)*1.00+4011*0.40+5002*0.75+4111*0.20
26006 (C)	dead	(9002+6106)*1.00+4011*0.40+5002*0.75+4111*0.20
26007 (C)	dead	(9002+6107)*1.00+4011*0.40+5002*0.75+4111*0.20
26008 (C)	dead	(9002+6108)*1.00+4011*0.40+5002*0.75+4111*0.20
26009 (C)	dead	(9002+6101)*1.00+4011*0.40+5003*0.75+4111*0.20
26010 (C)	dead	(9002+6102)*1.00+4011*0.40+5003*0.75+4111*0.20
26011 (C)	dead	(9002+6103)*1.00+4011*0.40+5003*0.75+4111*0.20
26012 (C)	dead	(9002+6104)*1.00+4011*0.40+5003*0.75+4111*0.20
26013 (C)	dead	(9002+6105)*1.00+4011*0.40+5003*0.75+4111*0.20
26014 (C)	dead	(9002+6106)*1.00+4011*0.40+5003*0.75+4111*0.20
26015 (C)	dead	(9002+6107)*1.00+4011*0.40+5003*0.75+4111*0.20
26016 (C)	dead	(9002+6108)*1.00+4011*0.40+5003*0.75+4111*0.20
26017 (C)	dead	(9002+6101)*1.00+4011*0.40+5004*0.75+4111*0.20
26018 (C)	dead	(9002+6102)*1.00+4011*0.40+5004*0.75+4111*0.20
26019 (C)	dead	(9002+6103)*1.00+4011*0.40+5004*0.75+4111*0.20
26020 (C)	dead	(9002+6104)*1.00+4011*0.40+5004*0.75+4111*0.20
26021 (C)	dead	(9002+6105)*1.00+4011*0.40+5004*0.75+4111*0.20
26022 (C)	dead	(9002+6106)*1.00+4011*0.40+5004*0.75+4111*0.20
26023 (C)	dead	(9002+6107)*1.00+4011*0.40+5004*0.75+4111*0.20
26024 (C)	dead	(9002+6108)*1.00+4011*0.40+5004*0.75+4111*0.20
26025 (C)	dead	(9002+6101)*1.00+4011*0.40+5005*0.75+4111*0.20
26026 (C)	dead	(9002+6102)*1.00+4011*0.40+5005*0.75+4111*0.20
26027 (C)	dead	(9002+6103)*1.00+4011*0.40+5005*0.75+4111*0.20
26028 (C)	dead	(9002+6104)*1.00+4011*0.40+5005*0.75+4111*0.20
26029 (C)	dead	(9002+6105)*1.00+4011*0.40+5005*0.75+4111*0.20
26030 (C)	dead	(9002+6106)*1.00+4011*0.40+5005*0.75+4111*0.20
26031 (C)	dead	(9002+6107)*1.00+4011*0.40+5005*0.75+4111*0.20
26032 (C)	dead	(9002+6108)*1.00+4011*0.40+5005*0.75+4111*0.20
26033 (C)	dead	(9002+6101)*1.00+4011*0.40+5006*0.75+4111*0.20
26034 (C)	dead	(9002+6102)*1.00+4011*0.40+5006*0.75+4111*0.20
26035 (C)	dead	(9002+6103)*1.00+4011*0.40+5006*0.75+4111*0.20
26036 (C)	dead	(9002+6104)*1.00+4011*0.40+5006*0.75+4111*0.20
26037 (C)	dead	(9002+6105)*1.00+4011*0.40+5006*0.75+4111*0.20
26038 (C)	dead	(9002+6106)*1.00+4011*0.40+5006*0.75+4111*0.20
26039 (C)	dead	(9002+6107)*1.00+4011*0.40+5006*0.75+4111*0.20
26040 (C)	dead	(9002+6108)*1.00+4011*0.40+5006*0.75+4111*0.20
26041 (C)	dead	(9002+6101)*1.00+4011*0.40+5007*0.75+4111*0.20
26042 (C)	dead	(9002+6102)*1.00+4011*0.40+5007*0.75+4111*0.20
26043 (C)	dead	(9002+6103)*1.00+4011*0.40+5007*0.75+4111*0.20
26044 (C)	dead	(9002+6104)*1.00+4011*0.40+5007*0.75+4111*0.20
26045 (C)	dead	(9002+6105)*1.00+4011*0.40+5007*0.75+4111*0.20
26046 (C)	dead	(9002+6106)*1.00+4011*0.40+5007*0.75+4111*0.20
26047 (C)	dead	(9002+6107)*1.00+4011*0.40+5007*0.75+4111*0.20
26048 (C)	dead	(9002+6108)*1.00+4011*0.40+5007*0.75+4111*0.20
26049 (C)	dead	(9002+6101)*1.00+4012*0.40+5001*0.75+4112*0.20
26050 (C)	dead	(9002+6102)*1.00+4012*0.40+5001*0.75+4112*0.20
26051 (C)	dead	(9002+6103)*1.00+4012*0.40+5001*0.75+4112*0.20

Combinations	Case nature	Definition
26052 (C)	dead	(9002+6104)*1.00+4012*0.40+5001*0.75+4112*0.20
26053 (C)	dead	(9002+6105)*1.00+4012*0.40+5001*0.75+4112*0.20
26054 (C)	dead	(9002+6106)*1.00+4012*0.40+5001*0.75+4112*0.20
26055 (C)	dead	(9002+6107)*1.00+4012*0.40+5001*0.75+4112*0.20
26056 (C)	dead	(9002+6108)*1.00+4012*0.40+5001*0.75+4112*0.20
26057 (C)	dead	(9002+6101)*1.00+4012*0.40+5002*0.75+4112*0.20
26058 (C)	dead	(9002+6102)*1.00+4012*0.40+5002*0.75+4112*0.20
26059 (C)	dead	(9002+6103)*1.00+4012*0.40+5002*0.75+4112*0.20
26060 (C)	dead	(9002+6104)*1.00+4012*0.40+5002*0.75+4112*0.20
26061 (C)	dead	(9002+6105)*1.00+4012*0.40+5002*0.75+4112*0.20
26062 (C)	dead	(9002+6106)*1.00+4012*0.40+5002*0.75+4112*0.20
26063 (C)	dead	(9002+6107)*1.00+4012*0.40+5002*0.75+4112*0.20
26064 (C)	dead	(9002+6108)*1.00+4012*0.40+5002*0.75+4112*0.20
26065 (C)	dead	(9002+6101)*1.00+4012*0.40+5003*0.75+4112*0.20
26066 (C)	dead	(9002+6102)*1.00+4012*0.40+5003*0.75+4112*0.20
26067 (C)	dead	(9002+6103)*1.00+4012*0.40+5003*0.75+4112*0.20
26068 (C)	dead	(9002+6104)*1.00+4012*0.40+5003*0.75+4112*0.20
26069 (C)	dead	(9002+6105)*1.00+4012*0.40+5003*0.75+4112*0.20
26070 (C)	dead	(9002+6106)*1.00+4012*0.40+5003*0.75+4112*0.20
26071 (C)	dead	(9002+6107)*1.00+4012*0.40+5003*0.75+4112*0.20
26072 (C)	dead	(9002+6108)*1.00+4012*0.40+5003*0.75+4112*0.20
26073 (C)	dead	(9002+6101)*1.00+4012*0.40+5004*0.75+4112*0.20
26074 (C)	dead	(9002+6102)*1.00+4012*0.40+5004*0.75+4112*0.20
26075 (C)	dead	(9002+6103)*1.00+4012*0.40+5004*0.75+4112*0.20
26076 (C)	dead	(9002+6104)*1.00+4012*0.40+5004*0.75+4112*0.20
26077 (C)	dead	(9002+6105)*1.00+4012*0.40+5004*0.75+4112*0.20
26078 (C)	dead	(9002+6106)*1.00+4012*0.40+5004*0.75+4112*0.20
26079 (C)	dead	(9002+6107)*1.00+4012*0.40+5004*0.75+4112*0.20
26080 (C)	dead	(9002+6108)*1.00+4012*0.40+5004*0.75+4112*0.20
26081 (C)	dead	(9002+6101)*1.00+4012*0.40+5005*0.75+4112*0.20
26082 (C)	dead	(9002+6102)*1.00+4012*0.40+5005*0.75+4112*0.20
26083 (C)	dead	(9002+6103)*1.00+4012*0.40+5005*0.75+4112*0.20
26084 (C)	dead	(9002+6104)*1.00+4012*0.40+5005*0.75+4112*0.20
26085 (C)	dead	(9002+6105)*1.00+4012*0.40+5005*0.75+4112*0.20
26086 (C)	dead	(9002+6106)*1.00+4012*0.40+5005*0.75+4112*0.20
26087 (C)	dead	(9002+6107)*1.00+4012*0.40+5005*0.75+4112*0.20
26088 (C)	dead	(9002+6108)*1.00+4012*0.40+5005*0.75+4112*0.20
26089 (C)	dead	(9002+6101)*1.00+4012*0.40+5006*0.75+4112*0.20
26090 (C)	dead	(9002+6102)*1.00+4012*0.40+5006*0.75+4112*0.20
26091 (C)	dead	(9002+6103)*1.00+4012*0.40+5006*0.75+4112*0.20
26092 (C)	dead	(9002+6104)*1.00+4012*0.40+5006*0.75+4112*0.20
26093 (C)	dead	(9002+6105)*1.00+4012*0.40+5006*0.75+4112*0.20
26094 (C)	dead	(9002+6106)*1.00+4012*0.40+5006*0.75+4112*0.20
26095 (C)	dead	(9002+6107)*1.00+4012*0.40+5006*0.75+4112*0.20
26096 (C)	dead	(9002+6108)*1.00+4012*0.40+5006*0.75+4112*0.20
26097 (C)	dead	(9002+6101)*1.00+4012*0.40+5007*0.75+4112*0.20
26098 (C)	dead	(9002+6102)*1.00+4012*0.40+5007*0.75+4112*0.20
26099 (C)	dead	(9002+6103)*1.00+4012*0.40+5007*0.75+4112*0.20
26100 (C)	dead	(9002+6104)*1.00+4012*0.40+5007*0.75+4112*0.20
26101 (C)	dead	(9002+6105)*1.00+4012*0.40+5007*0.75+4112*0.20
26102 (C)	dead	(9002+6106)*1.00+4012*0.40+5007*0.75+4112*0.20
26103 (C)	dead	(9002+6107)*1.00+4012*0.40+5007*0.75+4112*0.20

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Combinations	Case nature	Definition
26104 (C)	dead	(9002+6108)*1.00+4012*0.40+5007*0.75+4112*0.20
26105 (C)	dead	(9002+6101)*1.00+4013*0.40+5001*0.75+4113*0.20
26106 (C)	dead	(9002+6102)*1.00+4013*0.40+5001*0.75+4113*0.20
26107 (C)	dead	(9002+6103)*1.00+4013*0.40+5001*0.75+4113*0.20
26108 (C)	dead	(9002+6104)*1.00+4013*0.40+5001*0.75+4113*0.20
26109 (C)	dead	(9002+6105)*1.00+4013*0.40+5001*0.75+4113*0.20
26110 (C)	dead	(9002+6106)*1.00+4013*0.40+5001*0.75+4113*0.20
26111 (C)	dead	(9002+6107)*1.00+4013*0.40+5001*0.75+4113*0.20
26112 (C)	dead	(9002+6108)*1.00+4013*0.40+5001*0.75+4113*0.20
26113 (C)	dead	(9002+6101)*1.00+4013*0.40+5002*0.75+4113*0.20
26114 (C)	dead	(9002+6102)*1.00+4013*0.40+5002*0.75+4113*0.20
26115 (C)	dead	(9002+6103)*1.00+4013*0.40+5002*0.75+4113*0.20
26116 (C)	dead	(9002+6104)*1.00+4013*0.40+5002*0.75+4113*0.20
26117 (C)	dead	(9002+6105)*1.00+4013*0.40+5002*0.75+4113*0.20
26118 (C)	dead	(9002+6106)*1.00+4013*0.40+5002*0.75+4113*0.20
26119 (C)	dead	(9002+6107)*1.00+4013*0.40+5002*0.75+4113*0.20
26120 (C)	dead	(9002+6108)*1.00+4013*0.40+5002*0.75+4113*0.20
26121 (C)	dead	(9002+6101)*1.00+4013*0.40+5003*0.75+4113*0.20
26122 (C)	dead	(9002+6102)*1.00+4013*0.40+5003*0.75+4113*0.20
26123 (C)	dead	(9002+6103)*1.00+4013*0.40+5003*0.75+4113*0.20
26124 (C)	dead	(9002+6104)*1.00+4013*0.40+5003*0.75+4113*0.20
26125 (C)	dead	(9002+6105)*1.00+4013*0.40+5003*0.75+4113*0.20
26126 (C)	dead	(9002+6106)*1.00+4013*0.40+5003*0.75+4113*0.20
26127 (C)	dead	(9002+6107)*1.00+4013*0.40+5003*0.75+4113*0.20
26128 (C)	dead	(9002+6108)*1.00+4013*0.40+5003*0.75+4113*0.20
26129 (C)	dead	(9002+6101)*1.00+4013*0.40+5004*0.75+4113*0.20
26130 (C)	dead	(9002+6102)*1.00+4013*0.40+5004*0.75+4113*0.20
26131 (C)	dead	(9002+6103)*1.00+4013*0.40+5004*0.75+4113*0.20
26132 (C)	dead	(9002+6104)*1.00+4013*0.40+5004*0.75+4113*0.20
26133 (C)	dead	(9002+6105)*1.00+4013*0.40+5004*0.75+4113*0.20
26134 (C)	dead	(9002+6106)*1.00+4013*0.40+5004*0.75+4113*0.20
26135 (C)	dead	(9002+6107)*1.00+4013*0.40+5004*0.75+4113*0.20
26136 (C)	dead	(9002+6108)*1.00+4013*0.40+5004*0.75+4113*0.20
26137 (C)	dead	(9002+6101)*1.00+4013*0.40+5005*0.75+4113*0.20
26138 (C)	dead	(9002+6102)*1.00+4013*0.40+5005*0.75+4113*0.20
26139 (C)	dead	(9002+6103)*1.00+4013*0.40+5005*0.75+4113*0.20
26140 (C)	dead	(9002+6104)*1.00+4013*0.40+5005*0.75+4113*0.20
26141 (C)	dead	(9002+6105)*1.00+4013*0.40+5005*0.75+4113*0.20
26142 (C)	dead	(9002+6106)*1.00+4013*0.40+5005*0.75+4113*0.20
26143 (C)	dead	(9002+6107)*1.00+4013*0.40+5005*0.75+4113*0.20
26144 (C)	dead	(9002+6108)*1.00+4013*0.40+5005*0.75+4113*0.20
26145 (C)	dead	(9002+6101)*1.00+4013*0.40+5006*0.75+4113*0.20
26146 (C)	dead	(9002+6102)*1.00+4013*0.40+5006*0.75+4113*0.20
26147 (C)	dead	(9002+6103)*1.00+4013*0.40+5006*0.75+4113*0.20
26148 (C)	dead	(9002+6104)*1.00+4013*0.40+5006*0.75+4113*0.20
26149 (C)	dead	(9002+6105)*1.00+4013*0.40+5006*0.75+4113*0.20
26150 (C)	dead	(9002+6106)*1.00+4013*0.40+5006*0.75+4113*0.20
26151 (C)	dead	(9002+6107)*1.00+4013*0.40+5006*0.75+4113*0.20
26152 (C)	dead	(9002+6108)*1.00+4013*0.40+5006*0.75+4113*0.20
26153 (C)	dead	(9002+6101)*1.00+4013*0.40+5007*0.75+4113*0.20
26154 (C)	dead	(9002+6102)*1.00+4013*0.40+5007*0.75+4113*0.20
26155 (C)	dead	(9002+6103)*1.00+4013*0.40+5007*0.75+4113*0.20

Combinations	Case nature	Definition
26156 (C)	dead	(9002+6104)*1.00+4013*0.40+5007*0.75+4113*0.20
26157 (C)	dead	(9002+6105)*1.00+4013*0.40+5007*0.75+4113*0.20
26158 (C)	dead	(9002+6106)*1.00+4013*0.40+5007*0.75+4113*0.20
26159 (C)	dead	(9002+6107)*1.00+4013*0.40+5007*0.75+4113*0.20
26160 (C)	dead	(9002+6108)*1.00+4013*0.40+5007*0.75+4113*0.20
26161 (C)	dead	(9002+6101)*1.00+4014*0.40+5001*0.75+4114*0.20
26162 (C)	dead	(9002+6102)*1.00+4014*0.40+5001*0.75+4114*0.20
26163 (C)	dead	(9002+6103)*1.00+4014*0.40+5001*0.75+4114*0.20
26164 (C)	dead	(9002+6104)*1.00+4014*0.40+5001*0.75+4114*0.20
26165 (C)	dead	(9002+6105)*1.00+4014*0.40+5001*0.75+4114*0.20
26166 (C)	dead	(9002+6106)*1.00+4014*0.40+5001*0.75+4114*0.20
26167 (C)	dead	(9002+6107)*1.00+4014*0.40+5001*0.75+4114*0.20
26168 (C)	dead	(9002+6108)*1.00+4014*0.40+5001*0.75+4114*0.20
26169 (C)	dead	(9002+6101)*1.00+4014*0.40+5002*0.75+4114*0.20
26170 (C)	dead	(9002+6102)*1.00+4014*0.40+5002*0.75+4114*0.20
26171 (C)	dead	(9002+6103)*1.00+4014*0.40+5002*0.75+4114*0.20
26172 (C)	dead	(9002+6104)*1.00+4014*0.40+5002*0.75+4114*0.20
26173 (C)	dead	(9002+6105)*1.00+4014*0.40+5002*0.75+4114*0.20
26174 (C)	dead	(9002+6106)*1.00+4014*0.40+5002*0.75+4114*0.20
26175 (C)	dead	(9002+6107)*1.00+4014*0.40+5002*0.75+4114*0.20
26176 (C)	dead	(9002+6108)*1.00+4014*0.40+5002*0.75+4114*0.20
26177 (C)	dead	(9002+6101)*1.00+4014*0.40+5003*0.75+4114*0.20
26178 (C)	dead	(9002+6102)*1.00+4014*0.40+5003*0.75+4114*0.20
26179 (C)	dead	(9002+6103)*1.00+4014*0.40+5003*0.75+4114*0.20
26180 (C)	dead	(9002+6104)*1.00+4014*0.40+5003*0.75+4114*0.20
26181 (C)	dead	(9002+6105)*1.00+4014*0.40+5003*0.75+4114*0.20
26182 (C)	dead	(9002+6106)*1.00+4014*0.40+5003*0.75+4114*0.20
26183 (C)	dead	(9002+6107)*1.00+4014*0.40+5003*0.75+4114*0.20
26184 (C)	dead	(9002+6108)*1.00+4014*0.40+5003*0.75+4114*0.20
26185 (C)	dead	(9002+6101)*1.00+4014*0.40+5004*0.75+4114*0.20
26186 (C)	dead	(9002+6102)*1.00+4014*0.40+5004*0.75+4114*0.20
26187 (C)	dead	(9002+6103)*1.00+4014*0.40+5004*0.75+4114*0.20
26188 (C)	dead	(9002+6104)*1.00+4014*0.40+5004*0.75+4114*0.20
26189 (C)	dead	(9002+6105)*1.00+4014*0.40+5004*0.75+4114*0.20
26190 (C)	dead	(9002+6106)*1.00+4014*0.40+5004*0.75+4114*0.20
26191 (C)	dead	(9002+6107)*1.00+4014*0.40+5004*0.75+4114*0.20
26192 (C)	dead	(9002+6108)*1.00+4014*0.40+5004*0.75+4114*0.20
26193 (C)	dead	(9002+6101)*1.00+4014*0.40+5005*0.75+4114*0.20
26194 (C)	dead	(9002+6102)*1.00+4014*0.40+5005*0.75+4114*0.20
26195 (C)	dead	(9002+6103)*1.00+4014*0.40+5005*0.75+4114*0.20
26196 (C)	dead	(9002+6104)*1.00+4014*0.40+5005*0.75+4114*0.20
26197 (C)	dead	(9002+6105)*1.00+4014*0.40+5005*0.75+4114*0.20
26198 (C)	dead	(9002+6106)*1.00+4014*0.40+5005*0.75+4114*0.20
26199 (C)	dead	(9002+6107)*1.00+4014*0.40+5005*0.75+4114*0.20
26200 (C)	dead	(9002+6108)*1.00+4014*0.40+5005*0.75+4114*0.20
26201 (C)	dead	(9002+6101)*1.00+4014*0.40+5006*0.75+4114*0.20
26202 (C)	dead	(9002+6102)*1.00+4014*0.40+5006*0.75+4114*0.20
26203 (C)	dead	(9002+6103)*1.00+4014*0.40+5006*0.75+4114*0.20
26204 (C)	dead	(9002+6104)*1.00+4014*0.40+5006*0.75+4114*0.20
26205 (C)	dead	(9002+6105)*1.00+4014*0.40+5006*0.75+4114*0.20
26206 (C)	dead	(9002+6106)*1.00+4014*0.40+5006*0.75+4114*0.20
26207 (C)	dead	(9002+6107)*1.00+4014*0.40+5006*0.75+4114*0.20

Combinations	Case nature	Definition
26208 (C)	dead	(9002+6108)*1.00+4014*0.40+5006*0.75+4114*0.20
26209 (C)	dead	(9002+6101)*1.00+4014*0.40+5007*0.75+4114*0.20
26210 (C)	dead	(9002+6102)*1.00+4014*0.40+5007*0.75+4114*0.20
26211 (C)	dead	(9002+6103)*1.00+4014*0.40+5007*0.75+4114*0.20
26212 (C)	dead	(9002+6104)*1.00+4014*0.40+5007*0.75+4114*0.20
26213 (C)	dead	(9002+6105)*1.00+4014*0.40+5007*0.75+4114*0.20
26214 (C)	dead	(9002+6106)*1.00+4014*0.40+5007*0.75+4114*0.20
26215 (C)	dead	(9002+6107)*1.00+4014*0.40+5007*0.75+4114*0.20
26216 (C)	dead	(9002+6108)*1.00+4014*0.40+5007*0.75+4114*0.20
26217 (C)	dead	(9002+6101)*1.00+4015*0.40+5001*0.75+4115*0.20
26218 (C)	dead	(9002+6102)*1.00+4015*0.40+5001*0.75+4115*0.20
26219 (C)	dead	(9002+6103)*1.00+4015*0.40+5001*0.75+4115*0.20
26220 (C)	dead	(9002+6104)*1.00+4015*0.40+5001*0.75+4115*0.20
26221 (C)	dead	(9002+6105)*1.00+4015*0.40+5001*0.75+4115*0.20
26222 (C)	dead	(9002+6106)*1.00+4015*0.40+5001*0.75+4115*0.20
26223 (C)	dead	(9002+6107)*1.00+4015*0.40+5001*0.75+4115*0.20
26224 (C)	dead	(9002+6108)*1.00+4015*0.40+5001*0.75+4115*0.20
26225 (C)	dead	(9002+6101)*1.00+4015*0.40+5002*0.75+4115*0.20
26226 (C)	dead	(9002+6102)*1.00+4015*0.40+5002*0.75+4115*0.20
26227 (C)	dead	(9002+6103)*1.00+4015*0.40+5002*0.75+4115*0.20
26228 (C)	dead	(9002+6104)*1.00+4015*0.40+5002*0.75+4115*0.20
26229 (C)	dead	(9002+6105)*1.00+4015*0.40+5002*0.75+4115*0.20
26230 (C)	dead	(9002+6106)*1.00+4015*0.40+5002*0.75+4115*0.20
26231 (C)	dead	(9002+6107)*1.00+4015*0.40+5002*0.75+4115*0.20
26232 (C)	dead	(9002+6108)*1.00+4015*0.40+5002*0.75+4115*0.20
26233 (C)	dead	(9002+6101)*1.00+4015*0.40+5003*0.75+4115*0.20
26234 (C)	dead	(9002+6102)*1.00+4015*0.40+5003*0.75+4115*0.20
26235 (C)	dead	(9002+6103)*1.00+4015*0.40+5003*0.75+4115*0.20
26236 (C)	dead	(9002+6104)*1.00+4015*0.40+5003*0.75+4115*0.20
26237 (C)	dead	(9002+6105)*1.00+4015*0.40+5003*0.75+4115*0.20
26238 (C)	dead	(9002+6106)*1.00+4015*0.40+5003*0.75+4115*0.20
26239 (C)	dead	(9002+6107)*1.00+4015*0.40+5003*0.75+4115*0.20
26240 (C)	dead	(9002+6108)*1.00+4015*0.40+5003*0.75+4115*0.20
26241 (C)	dead	(9002+6101)*1.00+4015*0.40+5004*0.75+4115*0.20
26242 (C)	dead	(9002+6102)*1.00+4015*0.40+5004*0.75+4115*0.20
26243 (C)	dead	(9002+6103)*1.00+4015*0.40+5004*0.75+4115*0.20
26244 (C)	dead	(9002+6104)*1.00+4015*0.40+5004*0.75+4115*0.20
26245 (C)	dead	(9002+6105)*1.00+4015*0.40+5004*0.75+4115*0.20
26246 (C)	dead	(9002+6106)*1.00+4015*0.40+5004*0.75+4115*0.20
26247 (C)	dead	(9002+6107)*1.00+4015*0.40+5004*0.75+4115*0.20
26248 (C)	dead	(9002+6108)*1.00+4015*0.40+5004*0.75+4115*0.20
26249 (C)	dead	(9002+6101)*1.00+4015*0.40+5005*0.75+4115*0.20
26250 (C)	dead	(9002+6102)*1.00+4015*0.40+5005*0.75+4115*0.20
26251 (C)	dead	(9002+6103)*1.00+4015*0.40+5005*0.75+4115*0.20
26252 (C)	dead	(9002+6104)*1.00+4015*0.40+5005*0.75+4115*0.20
26253 (C)	dead	(9002+6105)*1.00+4015*0.40+5005*0.75+4115*0.20
26254 (C)	dead	(9002+6106)*1.00+4015*0.40+5005*0.75+4115*0.20
26255 (C)	dead	(9002+6107)*1.00+4015*0.40+5005*0.75+4115*0.20
26256 (C)	dead	(9002+6108)*1.00+4015*0.40+5005*0.75+4115*0.20
26257 (C)	dead	(9002+6101)*1.00+4015*0.40+5006*0.75+4115*0.20
26258 (C)	dead	(9002+6102)*1.00+4015*0.40+5006*0.75+4115*0.20
26259 (C)	dead	(9002+6103)*1.00+4015*0.40+5006*0.75+4115*0.20

Combinations	Case nature	Definition
26260 (C)	dead	(9002+6104)*1.00+4015*0.40+5006*0.75+4115*0.20
26261 (C)	dead	(9002+6105)*1.00+4015*0.40+5006*0.75+4115*0.20
26262 (C)	dead	(9002+6106)*1.00+4015*0.40+5006*0.75+4115*0.20
26263 (C)	dead	(9002+6107)*1.00+4015*0.40+5006*0.75+4115*0.20
26264 (C)	dead	(9002+6108)*1.00+4015*0.40+5006*0.75+4115*0.20
26265 (C)	dead	(9002+6101)*1.00+4015*0.40+5007*0.75+4115*0.20
26266 (C)	dead	(9002+6102)*1.00+4015*0.40+5007*0.75+4115*0.20
26267 (C)	dead	(9002+6103)*1.00+4015*0.40+5007*0.75+4115*0.20
26268 (C)	dead	(9002+6104)*1.00+4015*0.40+5007*0.75+4115*0.20
26269 (C)	dead	(9002+6105)*1.00+4015*0.40+5007*0.75+4115*0.20
26270 (C)	dead	(9002+6106)*1.00+4015*0.40+5007*0.75+4115*0.20
26271 (C)	dead	(9002+6107)*1.00+4015*0.40+5007*0.75+4115*0.20
26272 (C)	dead	(9002+6108)*1.00+4015*0.40+5007*0.75+4115*0.20
26273 (C)	dead	(9001+7011)*1.00
26274 (C)	dead	(9001+7012)*1.00
26275 (C)	dead	(9001+7013)*1.00
26276 (C)	dead	(9001+7014)*1.00
26277 (C)	dead	(9002+7011)*1.00
26278 (C)	dead	(9002+7012)*1.00
26279 (C)	dead	(9002+7013)*1.00
26280 (C)	dead	(9002+7014)*1.00
30001 (C)	Structural	9001*1.00+4000*0.40+5001*0.75+6101*0.50
30002 (C)	dead	9001*1.00+4000*0.40+5001*0.75+6102*0.50
30003 (C)	dead	9001*1.00+4000*0.40+5001*0.75+6103*0.50
30004 (C)	dead	9001*1.00+4000*0.40+5001*0.75+6104*0.50
30005 (C)	dead	9001*1.00+4000*0.40+5001*0.75+6105*0.50
30006 (C)	dead	9001*1.00+4000*0.40+5001*0.75+6106*0.50
30007 (C)	dead	9001*1.00+4000*0.40+5001*0.75+6107*0.50
30008 (C)	dead	9001*1.00+4000*0.40+5001*0.75+6108*0.50
30009 (C)	dead	9001*1.00+4000*0.40+5002*0.75+6101*0.50
30010 (C)	dead	9001*1.00+4000*0.40+5002*0.75+6102*0.50
30011 (C)	dead	9001*1.00+4000*0.40+5002*0.75+6103*0.50
30012 (C)	dead	9001*1.00+4000*0.40+5002*0.75+6104*0.50
30013 (C)	dead	9001*1.00+4000*0.40+5002*0.75+6105*0.50
30014 (C)	dead	9001*1.00+4000*0.40+5002*0.75+6106*0.50
30015 (C)	dead	9001*1.00+4000*0.40+5002*0.75+6107*0.50
30016 (C)	dead	9001*1.00+4000*0.40+5002*0.75+6108*0.50
30017 (C)	dead	9001*1.00+4000*0.40+5003*0.75+6101*0.50
30018 (C)	dead	9001*1.00+4000*0.40+5003*0.75+6102*0.50
30019 (C)	dead	9001*1.00+4000*0.40+5003*0.75+6103*0.50
30020 (C)	dead	9001*1.00+4000*0.40+5003*0.75+6104*0.50
30021 (C)	dead	9001*1.00+4000*0.40+5003*0.75+6105*0.50
30022 (C)	dead	9001*1.00+4000*0.40+5003*0.75+6106*0.50
30023 (C)	dead	9001*1.00+4000*0.40+5003*0.75+6107*0.50
30024 (C)	dead	9001*1.00+4000*0.40+5003*0.75+6108*0.50
30025 (C)	dead	9001*1.00+4000*0.40+5004*0.75+6101*0.50
30026 (C)	dead	9001*1.00+4000*0.40+5004*0.75+6102*0.50
30027 (C)	dead	9001*1.00+4000*0.40+5004*0.75+6103*0.50
30028 (C)	dead	9001*1.00+4000*0.40+5004*0.75+6104*0.50
30029 (C)	dead	9001*1.00+4000*0.40+5004*0.75+6105*0.50
30030 (C)	dead	9001*1.00+4000*0.40+5004*0.75+6106*0.50
30031 (C)	dead	9001*1.00+4000*0.40+5004*0.75+6107*0.50

Combinations	Case nature	Definition
30032 (C)	dead	9001*1.00+4000*0.40+5004*0.75+6108*0.50
30033 (C)	dead	9001*1.00+4000*0.40+5005*0.75+6101*0.50
30034 (C)	dead	9001*1.00+4000*0.40+5005*0.75+6102*0.50
30035 (C)	dead	9001*1.00+4000*0.40+5005*0.75+6103*0.50
30036 (C)	dead	9001*1.00+4000*0.40+5005*0.75+6104*0.50
30037 (C)	dead	9001*1.00+4000*0.40+5005*0.75+6105*0.50
30038 (C)	dead	9001*1.00+4000*0.40+5005*0.75+6106*0.50
30039 (C)	dead	9001*1.00+4000*0.40+5005*0.75+6107*0.50
30040 (C)	dead	9001*1.00+4000*0.40+5005*0.75+6108*0.50
30041 (C)	dead	9001*1.00+4000*0.40+5006*0.75+6101*0.50
30042 (C)	dead	9001*1.00+4000*0.40+5006*0.75+6102*0.50
30043 (C)	dead	9001*1.00+4000*0.40+5006*0.75+6103*0.50
30044 (C)	dead	9001*1.00+4000*0.40+5006*0.75+6104*0.50
30045 (C)	dead	9001*1.00+4000*0.40+5006*0.75+6105*0.50
30046 (C)	dead	9001*1.00+4000*0.40+5006*0.75+6106*0.50
30047 (C)	dead	9001*1.00+4000*0.40+5006*0.75+6107*0.50
30048 (C)	dead	9001*1.00+4000*0.40+5006*0.75+6108*0.50
30049 (C)	dead	9001*1.00+4000*0.40+5007*0.75+6101*0.50
30050 (C)	dead	9001*1.00+4000*0.40+5007*0.75+6102*0.50
30051 (C)	dead	9001*1.00+4000*0.40+5007*0.75+6103*0.50
30052 (C)	dead	9001*1.00+4000*0.40+5007*0.75+6104*0.50
30053 (C)	dead	9001*1.00+4000*0.40+5007*0.75+6105*0.50
30054 (C)	dead	9001*1.00+4000*0.40+5007*0.75+6106*0.50
30055 (C)	dead	9001*1.00+4000*0.40+5007*0.75+6107*0.50
30056 (C)	dead	9001*1.00+4000*0.40+5007*0.75+6108*0.50
30057 (C)	dead	9001*1.00+4001*0.40+5001*0.75+6101*0.50
30058 (C)	dead	9001*1.00+4001*0.40+5001*0.75+6102*0.50
30059 (C)	dead	9001*1.00+4001*0.40+5001*0.75+6103*0.50
30060 (C)	dead	9001*1.00+4001*0.40+5001*0.75+6104*0.50
30061 (C)	dead	9001*1.00+4001*0.40+5001*0.75+6105*0.50
30062 (C)	dead	9001*1.00+4001*0.40+5001*0.75+6106*0.50
30063 (C)	dead	9001*1.00+4001*0.40+5001*0.75+6107*0.50
30064 (C)	dead	9001*1.00+4001*0.40+5001*0.75+6108*0.50
30065 (C)	dead	9001*1.00+4001*0.40+5002*0.75+6101*0.50
30066 (C)	dead	9001*1.00+4001*0.40+5002*0.75+6102*0.50
30067 (C)	dead	9001*1.00+4001*0.40+5002*0.75+6103*0.50
30068 (C)	dead	9001*1.00+4001*0.40+5002*0.75+6104*0.50
30069 (C)	dead	9001*1.00+4001*0.40+5002*0.75+6105*0.50
30070 (C)	dead	9001*1.00+4001*0.40+5002*0.75+6106*0.50
30071 (C)	dead	9001*1.00+4001*0.40+5002*0.75+6107*0.50
30072 (C)	dead	9001*1.00+4001*0.40+5002*0.75+6108*0.50
30073 (C)	dead	9001*1.00+4001*0.40+5003*0.75+6101*0.50
30074 (C)	dead	9001*1.00+4001*0.40+5003*0.75+6102*0.50
30075 (C)	dead	9001*1.00+4001*0.40+5003*0.75+6103*0.50
30076 (C)	dead	9001*1.00+4001*0.40+5003*0.75+6104*0.50
30077 (C)	dead	9001*1.00+4001*0.40+5003*0.75+6105*0.50
30078 (C)	dead	9001*1.00+4001*0.40+5003*0.75+6106*0.50
30079 (C)	dead	9001*1.00+4001*0.40+5003*0.75+6107*0.50
30080 (C)	dead	9001*1.00+4001*0.40+5003*0.75+6108*0.50
30081 (C)	dead	9001*1.00+4001*0.40+5004*0.75+6101*0.50
30082 (C)	dead	9001*1.00+4001*0.40+5004*0.75+6102*0.50
30083 (C)	dead	9001*1.00+4001*0.40+5004*0.75+6103*0.50

Combinations	Case nature	Definition
30084 (C)	dead	9001*1.00+4001*0.40+5004*0.75+6104*0.50
30085 (C)	dead	9001*1.00+4001*0.40+5004*0.75+6105*0.50
30086 (C)	dead	9001*1.00+4001*0.40+5004*0.75+6106*0.50
30087 (C)	dead	9001*1.00+4001*0.40+5004*0.75+6107*0.50
30088 (C)	dead	9001*1.00+4001*0.40+5004*0.75+6108*0.50
30089 (C)	dead	9001*1.00+4001*0.40+5005*0.75+6101*0.50
30090 (C)	dead	9001*1.00+4001*0.40+5005*0.75+6102*0.50
30091 (C)	dead	9001*1.00+4001*0.40+5005*0.75+6103*0.50
30092 (C)	dead	9001*1.00+4001*0.40+5005*0.75+6104*0.50
30093 (C)	dead	9001*1.00+4001*0.40+5005*0.75+6105*0.50
30094 (C)	dead	9001*1.00+4001*0.40+5005*0.75+6106*0.50
30095 (C)	dead	9001*1.00+4001*0.40+5005*0.75+6107*0.50
30096 (C)	dead	9001*1.00+4001*0.40+5005*0.75+6108*0.50
30097 (C)	dead	9001*1.00+4001*0.40+5006*0.75+6101*0.50
30098 (C)	dead	9001*1.00+4001*0.40+5006*0.75+6102*0.50
30099 (C)	dead	9001*1.00+4001*0.40+5006*0.75+6103*0.50
30100 (C)	dead	9001*1.00+4001*0.40+5006*0.75+6104*0.50
30101 (C)	dead	9001*1.00+4001*0.40+5006*0.75+6105*0.50
30102 (C)	dead	9001*1.00+4001*0.40+5006*0.75+6106*0.50
30103 (C)	dead	9001*1.00+4001*0.40+5006*0.75+6107*0.50
30104 (C)	dead	9001*1.00+4001*0.40+5006*0.75+6108*0.50
30105 (C)	dead	9001*1.00+4001*0.40+5007*0.75+6101*0.50
30106 (C)	dead	9001*1.00+4001*0.40+5007*0.75+6102*0.50
30107 (C)	dead	9001*1.00+4001*0.40+5007*0.75+6103*0.50
30108 (C)	dead	9001*1.00+4001*0.40+5007*0.75+6104*0.50
30109 (C)	dead	9001*1.00+4001*0.40+5007*0.75+6105*0.50
30110 (C)	dead	9001*1.00+4001*0.40+5007*0.75+6106*0.50
30111 (C)	dead	9001*1.00+4001*0.40+5007*0.75+6107*0.50
30112 (C)	dead	9001*1.00+4001*0.40+5007*0.75+6108*0.50
30113 (C)	dead	9001*1.00+4002*0.40+5001*0.75+6101*0.50
30114 (C)	dead	9001*1.00+4002*0.40+5001*0.75+6102*0.50
30115 (C)	dead	9001*1.00+4002*0.40+5001*0.75+6103*0.50
30116 (C)	dead	9001*1.00+4002*0.40+5001*0.75+6104*0.50
30117 (C)	dead	9001*1.00+4002*0.40+5001*0.75+6105*0.50
30118 (C)	dead	9001*1.00+4002*0.40+5001*0.75+6106*0.50
30119 (C)	dead	9001*1.00+4002*0.40+5001*0.75+6107*0.50
30120 (C)	dead	9001*1.00+4002*0.40+5001*0.75+6108*0.50
30121 (C)	dead	9001*1.00+4002*0.40+5002*0.75+6101*0.50
30122 (C)	dead	9001*1.00+4002*0.40+5002*0.75+6102*0.50
30123 (C)	dead	9001*1.00+4002*0.40+5002*0.75+6103*0.50
30124 (C)	dead	9001*1.00+4002*0.40+5002*0.75+6104*0.50
30125 (C)	dead	9001*1.00+4002*0.40+5002*0.75+6105*0.50
30126 (C)	dead	9001*1.00+4002*0.40+5002*0.75+6106*0.50
30127 (C)	dead	9001*1.00+4002*0.40+5002*0.75+6107*0.50
30128 (C)	dead	9001*1.00+4002*0.40+5002*0.75+6108*0.50
30129 (C)	dead	9001*1.00+4002*0.40+5003*0.75+6101*0.50
30130 (C)	dead	9001*1.00+4002*0.40+5003*0.75+6102*0.50
30131 (C)	dead	9001*1.00+4002*0.40+5003*0.75+6103*0.50
30132 (C)	dead	9001*1.00+4002*0.40+5003*0.75+6104*0.50
30133 (C)	dead	9001*1.00+4002*0.40+5003*0.75+6105*0.50
30134 (C)	dead	9001*1.00+4002*0.40+5003*0.75+6106*0.50
30135 (C)	dead	9001*1.00+4002*0.40+5003*0.75+6107*0.50

Combinations	Case nature	Definition
30136 (C)	dead	9001*1.00+4002*0.40+5003*0.75+6108*0.50
30137 (C)	dead	9001*1.00+4002*0.40+5004*0.75+6101*0.50
30138 (C)	dead	9001*1.00+4002*0.40+5004*0.75+6102*0.50
30139 (C)	dead	9001*1.00+4002*0.40+5004*0.75+6103*0.50
30140 (C)	dead	9001*1.00+4002*0.40+5004*0.75+6104*0.50
30141 (C)	dead	9001*1.00+4002*0.40+5004*0.75+6105*0.50
30142 (C)	dead	9001*1.00+4002*0.40+5004*0.75+6106*0.50
30143 (C)	dead	9001*1.00+4002*0.40+5004*0.75+6107*0.50
30144 (C)	dead	9001*1.00+4002*0.40+5004*0.75+6108*0.50
30145 (C)	dead	9001*1.00+4002*0.40+5005*0.75+6101*0.50
30146 (C)	dead	9001*1.00+4002*0.40+5005*0.75+6102*0.50
30147 (C)	dead	9001*1.00+4002*0.40+5005*0.75+6103*0.50
30148 (C)	dead	9001*1.00+4002*0.40+5005*0.75+6104*0.50
30149 (C)	dead	9001*1.00+4002*0.40+5005*0.75+6105*0.50
30150 (C)	dead	9001*1.00+4002*0.40+5005*0.75+6106*0.50
30151 (C)	dead	9001*1.00+4002*0.40+5005*0.75+6107*0.50
30152 (C)	dead	9001*1.00+4002*0.40+5005*0.75+6108*0.50
30153 (C)	dead	9001*1.00+4002*0.40+5006*0.75+6101*0.50
30154 (C)	dead	9001*1.00+4002*0.40+5006*0.75+6102*0.50
30155 (C)	dead	9001*1.00+4002*0.40+5006*0.75+6103*0.50
30156 (C)	dead	9001*1.00+4002*0.40+5006*0.75+6104*0.50
30157 (C)	dead	9001*1.00+4002*0.40+5006*0.75+6105*0.50
30158 (C)	dead	9001*1.00+4002*0.40+5006*0.75+6106*0.50
30159 (C)	dead	9001*1.00+4002*0.40+5006*0.75+6107*0.50
30160 (C)	dead	9001*1.00+4002*0.40+5006*0.75+6108*0.50
30161 (C)	dead	9001*1.00+4002*0.40+5007*0.75+6101*0.50
30162 (C)	dead	9001*1.00+4002*0.40+5007*0.75+6102*0.50
30163 (C)	dead	9001*1.00+4002*0.40+5007*0.75+6103*0.50
30164 (C)	dead	9001*1.00+4002*0.40+5007*0.75+6104*0.50
30165 (C)	dead	9001*1.00+4002*0.40+5007*0.75+6105*0.50
30166 (C)	dead	9001*1.00+4002*0.40+5007*0.75+6106*0.50
30167 (C)	dead	9001*1.00+4002*0.40+5007*0.75+6107*0.50
30168 (C)	dead	9001*1.00+4002*0.40+5007*0.75+6108*0.50
30169 (C)	dead	9001*1.00+4003*0.40+5001*0.75+6101*0.50
30170 (C)	dead	9001*1.00+4003*0.40+5001*0.75+6102*0.50
30171 (C)	dead	9001*1.00+4003*0.40+5001*0.75+6103*0.50
30172 (C)	dead	9001*1.00+4003*0.40+5001*0.75+6104*0.50
30173 (C)	dead	9001*1.00+4003*0.40+5001*0.75+6105*0.50
30174 (C)	dead	9001*1.00+4003*0.40+5001*0.75+6106*0.50
30175 (C)	dead	9001*1.00+4003*0.40+5001*0.75+6107*0.50
30176 (C)	dead	9001*1.00+4003*0.40+5001*0.75+6108*0.50
30177 (C)	dead	9001*1.00+4003*0.40+5002*0.75+6101*0.50
30178 (C)	dead	9001*1.00+4003*0.40+5002*0.75+6102*0.50
30179 (C)	dead	9001*1.00+4003*0.40+5002*0.75+6103*0.50
30180 (C)	dead	9001*1.00+4003*0.40+5002*0.75+6104*0.50
30181 (C)	dead	9001*1.00+4003*0.40+5002*0.75+6105*0.50
30182 (C)	dead	9001*1.00+4003*0.40+5002*0.75+6106*0.50
30183 (C)	dead	9001*1.00+4003*0.40+5002*0.75+6107*0.50
30184 (C)	dead	9001*1.00+4003*0.40+5002*0.75+6108*0.50
30185 (C)	dead	9001*1.00+4003*0.40+5003*0.75+6101*0.50
30186 (C)	dead	9001*1.00+4003*0.40+5003*0.75+6102*0.50
30187 (C)	dead	9001*1.00+4003*0.40+5003*0.75+6103*0.50

Combinations	Case nature	Definition
30188 (C)	dead	9001*1.00+4003*0.40+5003*0.75+6104*0.50
30189 (C)	dead	9001*1.00+4003*0.40+5003*0.75+6105*0.50
30190 (C)	dead	9001*1.00+4003*0.40+5003*0.75+6106*0.50
30191 (C)	dead	9001*1.00+4003*0.40+5003*0.75+6107*0.50
30192 (C)	dead	9001*1.00+4003*0.40+5003*0.75+6108*0.50
30193 (C)	dead	9001*1.00+4003*0.40+5004*0.75+6101*0.50
30194 (C)	dead	9001*1.00+4003*0.40+5004*0.75+6102*0.50
30195 (C)	dead	9001*1.00+4003*0.40+5004*0.75+6103*0.50
30196 (C)	dead	9001*1.00+4003*0.40+5004*0.75+6104*0.50
30197 (C)	dead	9001*1.00+4003*0.40+5004*0.75+6105*0.50
30198 (C)	dead	9001*1.00+4003*0.40+5004*0.75+6106*0.50
30199 (C)	dead	9001*1.00+4003*0.40+5004*0.75+6107*0.50
30200 (C)	dead	9001*1.00+4003*0.40+5004*0.75+6108*0.50
30201 (C)	dead	9001*1.00+4003*0.40+5005*0.75+6101*0.50
30202 (C)	dead	9001*1.00+4003*0.40+5005*0.75+6102*0.50
30203 (C)	dead	9001*1.00+4003*0.40+5005*0.75+6103*0.50
30204 (C)	dead	9001*1.00+4003*0.40+5005*0.75+6104*0.50
30205 (C)	dead	9001*1.00+4003*0.40+5005*0.75+6105*0.50
30206 (C)	dead	9001*1.00+4003*0.40+5005*0.75+6106*0.50
30207 (C)	dead	9001*1.00+4003*0.40+5005*0.75+6107*0.50
30208 (C)	dead	9001*1.00+4003*0.40+5005*0.75+6108*0.50
30209 (C)	dead	9001*1.00+4003*0.40+5006*0.75+6101*0.50
30210 (C)	dead	9001*1.00+4003*0.40+5006*0.75+6102*0.50
30211 (C)	dead	9001*1.00+4003*0.40+5006*0.75+6103*0.50
30212 (C)	dead	9001*1.00+4003*0.40+5006*0.75+6104*0.50
30213 (C)	dead	9001*1.00+4003*0.40+5006*0.75+6105*0.50
30214 (C)	dead	9001*1.00+4003*0.40+5006*0.75+6106*0.50
30215 (C)	dead	9001*1.00+4003*0.40+5006*0.75+6107*0.50
30216 (C)	dead	9001*1.00+4003*0.40+5006*0.75+6108*0.50
30217 (C)	dead	9001*1.00+4003*0.40+5007*0.75+6101*0.50
30218 (C)	dead	9001*1.00+4003*0.40+5007*0.75+6102*0.50
30219 (C)	dead	9001*1.00+4003*0.40+5007*0.75+6103*0.50
30220 (C)	dead	9001*1.00+4003*0.40+5007*0.75+6104*0.50
30221 (C)	dead	9001*1.00+4003*0.40+5007*0.75+6105*0.50
30222 (C)	dead	9001*1.00+4003*0.40+5007*0.75+6106*0.50
30223 (C)	dead	9001*1.00+4003*0.40+5007*0.75+6107*0.50
30224 (C)	dead	9001*1.00+4003*0.40+5007*0.75+6108*0.50
30225 (C)	dead	9001*1.00+4004*0.40+5001*0.75+6101*0.50
30226 (C)	dead	9001*1.00+4004*0.40+5001*0.75+6102*0.50
30227 (C)	dead	9001*1.00+4004*0.40+5001*0.75+6103*0.50
30228 (C)	dead	9001*1.00+4004*0.40+5001*0.75+6104*0.50
30229 (C)	dead	9001*1.00+4004*0.40+5001*0.75+6105*0.50
30230 (C)	dead	9001*1.00+4004*0.40+5001*0.75+6106*0.50
30231 (C)	dead	9001*1.00+4004*0.40+5001*0.75+6107*0.50
30232 (C)	dead	9001*1.00+4004*0.40+5001*0.75+6108*0.50
30233 (C)	dead	9001*1.00+4004*0.40+5002*0.75+6101*0.50
30234 (C)	dead	9001*1.00+4004*0.40+5002*0.75+6102*0.50
30235 (C)	dead	9001*1.00+4004*0.40+5002*0.75+6103*0.50
30236 (C)	dead	9001*1.00+4004*0.40+5002*0.75+6104*0.50
30237 (C)	dead	9001*1.00+4004*0.40+5002*0.75+6105*0.50
30238 (C)	dead	9001*1.00+4004*0.40+5002*0.75+6106*0.50
30239 (C)	dead	9001*1.00+4004*0.40+5002*0.75+6107*0.50

Combinations	Case nature	Definition
30240 (C)	dead	9001*1.00+4004*0.40+5002*0.75+6108*0.50
30241 (C)	dead	9001*1.00+4004*0.40+5003*0.75+6101*0.50
30242 (C)	dead	9001*1.00+4004*0.40+5003*0.75+6102*0.50
30243 (C)	dead	9001*1.00+4004*0.40+5003*0.75+6103*0.50
30244 (C)	dead	9001*1.00+4004*0.40+5003*0.75+6104*0.50
30245 (C)	dead	9001*1.00+4004*0.40+5003*0.75+6105*0.50
30246 (C)	dead	9001*1.00+4004*0.40+5003*0.75+6106*0.50
30247 (C)	dead	9001*1.00+4004*0.40+5003*0.75+6107*0.50
30248 (C)	dead	9001*1.00+4004*0.40+5003*0.75+6108*0.50
30249 (C)	dead	9001*1.00+4004*0.40+5004*0.75+6101*0.50
30250 (C)	dead	9001*1.00+4004*0.40+5004*0.75+6102*0.50
30251 (C)	dead	9001*1.00+4004*0.40+5004*0.75+6103*0.50
30252 (C)	dead	9001*1.00+4004*0.40+5004*0.75+6104*0.50
30253 (C)	dead	9001*1.00+4004*0.40+5004*0.75+6105*0.50
30254 (C)	dead	9001*1.00+4004*0.40+5004*0.75+6106*0.50
30255 (C)	dead	9001*1.00+4004*0.40+5004*0.75+6107*0.50
30256 (C)	dead	9001*1.00+4004*0.40+5004*0.75+6108*0.50
30257 (C)	dead	9001*1.00+4004*0.40+5005*0.75+6101*0.50
30258 (C)	dead	9001*1.00+4004*0.40+5005*0.75+6102*0.50
30259 (C)	dead	9001*1.00+4004*0.40+5005*0.75+6103*0.50
30260 (C)	dead	9001*1.00+4004*0.40+5005*0.75+6104*0.50
30261 (C)	dead	9001*1.00+4004*0.40+5005*0.75+6105*0.50
30262 (C)	dead	9001*1.00+4004*0.40+5005*0.75+6106*0.50
30263 (C)	dead	9001*1.00+4004*0.40+5005*0.75+6107*0.50
30264 (C)	dead	9001*1.00+4004*0.40+5005*0.75+6108*0.50
30265 (C)	dead	9001*1.00+4004*0.40+5006*0.75+6101*0.50
30266 (C)	dead	9001*1.00+4004*0.40+5006*0.75+6102*0.50
30267 (C)	dead	9001*1.00+4004*0.40+5006*0.75+6103*0.50
30268 (C)	dead	9001*1.00+4004*0.40+5006*0.75+6104*0.50
30269 (C)	dead	9001*1.00+4004*0.40+5006*0.75+6105*0.50
30270 (C)	dead	9001*1.00+4004*0.40+5006*0.75+6106*0.50
30271 (C)	dead	9001*1.00+4004*0.40+5006*0.75+6107*0.50
30272 (C)	dead	9001*1.00+4004*0.40+5006*0.75+6108*0.50
30273 (C)	dead	9001*1.00+4004*0.40+5007*0.75+6101*0.50
30274 (C)	dead	9001*1.00+4004*0.40+5007*0.75+6102*0.50
30275 (C)	dead	9001*1.00+4004*0.40+5007*0.75+6103*0.50
30276 (C)	dead	9001*1.00+4004*0.40+5007*0.75+6104*0.50
30277 (C)	dead	9001*1.00+4004*0.40+5007*0.75+6105*0.50
30278 (C)	dead	9001*1.00+4004*0.40+5007*0.75+6106*0.50
30279 (C)	dead	9001*1.00+4004*0.40+5007*0.75+6107*0.50
30280 (C)	dead	9001*1.00+4004*0.40+5007*0.75+6108*0.50
30281 (C)	dead	9001*1.00+4005*0.40+5001*0.75+6101*0.50
30282 (C)	dead	9001*1.00+4005*0.40+5001*0.75+6102*0.50
30283 (C)	dead	9001*1.00+4005*0.40+5001*0.75+6103*0.50
30284 (C)	dead	9001*1.00+4005*0.40+5001*0.75+6104*0.50
30285 (C)	dead	9001*1.00+4005*0.40+5001*0.75+6105*0.50
30286 (C)	dead	9001*1.00+4005*0.40+5001*0.75+6106*0.50
30287 (C)	dead	9001*1.00+4005*0.40+5001*0.75+6107*0.50
30288 (C)	dead	9001*1.00+4005*0.40+5001*0.75+6108*0.50
30289 (C)	dead	9001*1.00+4005*0.40+5002*0.75+6101*0.50
30290 (C)	dead	9001*1.00+4005*0.40+5002*0.75+6102*0.50
30291 (C)	dead	9001*1.00+4005*0.40+5002*0.75+6103*0.50

Combinations	Case nature	Definition
30292 (C)	dead	9001*1.00+4005*0.40+5002*0.75+6104*0.50
30293 (C)	dead	9001*1.00+4005*0.40+5002*0.75+6105*0.50
30294 (C)	dead	9001*1.00+4005*0.40+5002*0.75+6106*0.50
30295 (C)	dead	9001*1.00+4005*0.40+5002*0.75+6107*0.50
30296 (C)	dead	9001*1.00+4005*0.40+5002*0.75+6108*0.50
30297 (C)	dead	9001*1.00+4005*0.40+5003*0.75+6101*0.50
30298 (C)	dead	9001*1.00+4005*0.40+5003*0.75+6102*0.50
30299 (C)	dead	9001*1.00+4005*0.40+5003*0.75+6103*0.50
30300 (C)	dead	9001*1.00+4005*0.40+5003*0.75+6104*0.50
30301 (C)	dead	9001*1.00+4005*0.40+5003*0.75+6105*0.50
30302 (C)	dead	9001*1.00+4005*0.40+5003*0.75+6106*0.50
30303 (C)	dead	9001*1.00+4005*0.40+5003*0.75+6107*0.50
30304 (C)	dead	9001*1.00+4005*0.40+5003*0.75+6108*0.50
30305 (C)	dead	9001*1.00+4005*0.40+5004*0.75+6101*0.50
30306 (C)	dead	9001*1.00+4005*0.40+5004*0.75+6102*0.50
30307 (C)	dead	9001*1.00+4005*0.40+5004*0.75+6103*0.50
30308 (C)	dead	9001*1.00+4005*0.40+5004*0.75+6104*0.50
30309 (C)	dead	9001*1.00+4005*0.40+5004*0.75+6105*0.50
30310 (C)	dead	9001*1.00+4005*0.40+5004*0.75+6106*0.50
30311 (C)	dead	9001*1.00+4005*0.40+5004*0.75+6107*0.50
30312 (C)	dead	9001*1.00+4005*0.40+5004*0.75+6108*0.50
30313 (C)	dead	9001*1.00+4005*0.40+5005*0.75+6101*0.50
30314 (C)	dead	9001*1.00+4005*0.40+5005*0.75+6102*0.50
30315 (C)	dead	9001*1.00+4005*0.40+5005*0.75+6103*0.50
30316 (C)	dead	9001*1.00+4005*0.40+5005*0.75+6104*0.50
30317 (C)	dead	9001*1.00+4005*0.40+5005*0.75+6105*0.50
30318 (C)	dead	9001*1.00+4005*0.40+5005*0.75+6106*0.50
30319 (C)	dead	9001*1.00+4005*0.40+5005*0.75+6107*0.50
30320 (C)	dead	9001*1.00+4005*0.40+5005*0.75+6108*0.50
30321 (C)	dead	9001*1.00+4005*0.40+5006*0.75+6101*0.50
30322 (C)	dead	9001*1.00+4005*0.40+5006*0.75+6102*0.50
30323 (C)	dead	9001*1.00+4005*0.40+5006*0.75+6103*0.50
30324 (C)	dead	9001*1.00+4005*0.40+5006*0.75+6104*0.50
30325 (C)	dead	9001*1.00+4005*0.40+5006*0.75+6105*0.50
30326 (C)	dead	9001*1.00+4005*0.40+5006*0.75+6106*0.50
30327 (C)	dead	9001*1.00+4005*0.40+5006*0.75+6107*0.50
30328 (C)	dead	9001*1.00+4005*0.40+5006*0.75+6108*0.50
30329 (C)	dead	9001*1.00+4005*0.40+5007*0.75+6101*0.50
30330 (C)	dead	9001*1.00+4005*0.40+5007*0.75+6102*0.50
30331 (C)	dead	9001*1.00+4005*0.40+5007*0.75+6103*0.50
30332 (C)	dead	9001*1.00+4005*0.40+5007*0.75+6104*0.50
30333 (C)	dead	9001*1.00+4005*0.40+5007*0.75+6105*0.50
30334 (C)	dead	9001*1.00+4005*0.40+5007*0.75+6106*0.50
30335 (C)	dead	9001*1.00+4005*0.40+5007*0.75+6107*0.50
30336 (C)	dead	9001*1.00+4005*0.40+5007*0.75+6108*0.50
30337 (C)	dead	9001*1.00+4006*0.40+5001*0.75+6101*0.50
30338 (C)	dead	9001*1.00+4006*0.40+5001*0.75+6102*0.50
30339 (C)	dead	9001*1.00+4006*0.40+5001*0.75+6103*0.50
30340 (C)	dead	9001*1.00+4006*0.40+5001*0.75+6104*0.50
30341 (C)	dead	9001*1.00+4006*0.40+5001*0.75+6105*0.50
30342 (C)	dead	9001*1.00+4006*0.40+5001*0.75+6106*0.50
30343 (C)	dead	9001*1.00+4006*0.40+5001*0.75+6107*0.50

Combinations	Case nature	Definition
30344 (C)	dead	9001*1.00+4006*0.40+5001*0.75+6108*0.50
30345 (C)	dead	9001*1.00+4006*0.40+5002*0.75+6101*0.50
30346 (C)	dead	9001*1.00+4006*0.40+5002*0.75+6102*0.50
30347 (C)	dead	9001*1.00+4006*0.40+5002*0.75+6103*0.50
30348 (C)	dead	9001*1.00+4006*0.40+5002*0.75+6104*0.50
30349 (C)	dead	9001*1.00+4006*0.40+5002*0.75+6105*0.50
30350 (C)	dead	9001*1.00+4006*0.40+5002*0.75+6106*0.50
30351 (C)	dead	9001*1.00+4006*0.40+5002*0.75+6107*0.50
30352 (C)	dead	9001*1.00+4006*0.40+5002*0.75+6108*0.50
30353 (C)	dead	9001*1.00+4006*0.40+5003*0.75+6101*0.50
30354 (C)	dead	9001*1.00+4006*0.40+5003*0.75+6102*0.50
30355 (C)	dead	9001*1.00+4006*0.40+5003*0.75+6103*0.50
30356 (C)	dead	9001*1.00+4006*0.40+5003*0.75+6104*0.50
30357 (C)	dead	9001*1.00+4006*0.40+5003*0.75+6105*0.50
30358 (C)	dead	9001*1.00+4006*0.40+5003*0.75+6106*0.50
30359 (C)	dead	9001*1.00+4006*0.40+5003*0.75+6107*0.50
30360 (C)	dead	9001*1.00+4006*0.40+5003*0.75+6108*0.50
30361 (C)	dead	9001*1.00+4006*0.40+5004*0.75+6101*0.50
30362 (C)	dead	9001*1.00+4006*0.40+5004*0.75+6102*0.50
30363 (C)	dead	9001*1.00+4006*0.40+5004*0.75+6103*0.50
30364 (C)	dead	9001*1.00+4006*0.40+5004*0.75+6104*0.50
30365 (C)	dead	9001*1.00+4006*0.40+5004*0.75+6105*0.50
30366 (C)	dead	9001*1.00+4006*0.40+5004*0.75+6106*0.50
30367 (C)	dead	9001*1.00+4006*0.40+5004*0.75+6107*0.50
30368 (C)	dead	9001*1.00+4006*0.40+5004*0.75+6108*0.50
30369 (C)	dead	9001*1.00+4006*0.40+5005*0.75+6101*0.50
30370 (C)	dead	9001*1.00+4006*0.40+5005*0.75+6102*0.50
30371 (C)	dead	9001*1.00+4006*0.40+5005*0.75+6103*0.50
30372 (C)	dead	9001*1.00+4006*0.40+5005*0.75+6104*0.50
30373 (C)	dead	9001*1.00+4006*0.40+5005*0.75+6105*0.50
30374 (C)	dead	9001*1.00+4006*0.40+5005*0.75+6106*0.50
30375 (C)	dead	9001*1.00+4006*0.40+5005*0.75+6107*0.50
30376 (C)	dead	9001*1.00+4006*0.40+5005*0.75+6108*0.50
30377 (C)	dead	9001*1.00+4006*0.40+5006*0.75+6101*0.50
30378 (C)	dead	9001*1.00+4006*0.40+5006*0.75+6102*0.50
30379 (C)	dead	9001*1.00+4006*0.40+5006*0.75+6103*0.50
30380 (C)	dead	9001*1.00+4006*0.40+5006*0.75+6104*0.50
30381 (C)	dead	9001*1.00+4006*0.40+5006*0.75+6105*0.50
30382 (C)	dead	9001*1.00+4006*0.40+5006*0.75+6106*0.50
30383 (C)	dead	9001*1.00+4006*0.40+5006*0.75+6107*0.50
30384 (C)	dead	9001*1.00+4006*0.40+5006*0.75+6108*0.50
30385 (C)	dead	9001*1.00+4006*0.40+5007*0.75+6101*0.50
30386 (C)	dead	9001*1.00+4006*0.40+5007*0.75+6102*0.50
30387 (C)	dead	9001*1.00+4006*0.40+5007*0.75+6103*0.50
30388 (C)	dead	9001*1.00+4006*0.40+5007*0.75+6104*0.50
30389 (C)	dead	9001*1.00+4006*0.40+5007*0.75+6105*0.50
30390 (C)	dead	9001*1.00+4006*0.40+5007*0.75+6106*0.50
30391 (C)	dead	9001*1.00+4006*0.40+5007*0.75+6107*0.50
30392 (C)	dead	9001*1.00+4006*0.40+5007*0.75+6108*0.50
30393 (C)	dead	9001*1.00+4007*0.40+5001*0.75+6101*0.50
30394 (C)	dead	9001*1.00+4007*0.40+5001*0.75+6102*0.50
30395 (C)	dead	9001*1.00+4007*0.40+5001*0.75+6103*0.50

Combinations	Case nature	Definition
30396 (C)	dead	9001*1.00+4007*0.40+5001*0.75+6104*0.50
30397 (C)	dead	9001*1.00+4007*0.40+5001*0.75+6105*0.50
30398 (C)	dead	9001*1.00+4007*0.40+5001*0.75+6106*0.50
30399 (C)	dead	9001*1.00+4007*0.40+5001*0.75+6107*0.50
30400 (C)	dead	9001*1.00+4007*0.40+5001*0.75+6108*0.50
30401 (C)	dead	9001*1.00+4007*0.40+5002*0.75+6101*0.50
30402 (C)	dead	9001*1.00+4007*0.40+5002*0.75+6102*0.50
30403 (C)	dead	9001*1.00+4007*0.40+5002*0.75+6103*0.50
30404 (C)	dead	9001*1.00+4007*0.40+5002*0.75+6104*0.50
30405 (C)	dead	9001*1.00+4007*0.40+5002*0.75+6105*0.50
30406 (C)	dead	9001*1.00+4007*0.40+5002*0.75+6106*0.50
30407 (C)	dead	9001*1.00+4007*0.40+5002*0.75+6107*0.50
30408 (C)	dead	9001*1.00+4007*0.40+5002*0.75+6108*0.50
30409 (C)	dead	9001*1.00+4007*0.40+5003*0.75+6101*0.50
30410 (C)	dead	9001*1.00+4007*0.40+5003*0.75+6102*0.50
30411 (C)	dead	9001*1.00+4007*0.40+5003*0.75+6103*0.50
30412 (C)	dead	9001*1.00+4007*0.40+5003*0.75+6104*0.50
30413 (C)	dead	9001*1.00+4007*0.40+5003*0.75+6105*0.50
30414 (C)	dead	9001*1.00+4007*0.40+5003*0.75+6106*0.50
30415 (C)	dead	9001*1.00+4007*0.40+5003*0.75+6107*0.50
30416 (C)	dead	9001*1.00+4007*0.40+5003*0.75+6108*0.50
30417 (C)	dead	9001*1.00+4007*0.40+5004*0.75+6101*0.50
30418 (C)	dead	9001*1.00+4007*0.40+5004*0.75+6102*0.50
30419 (C)	dead	9001*1.00+4007*0.40+5004*0.75+6103*0.50
30420 (C)	dead	9001*1.00+4007*0.40+5004*0.75+6104*0.50
30421 (C)	dead	9001*1.00+4007*0.40+5004*0.75+6105*0.50
30422 (C)	dead	9001*1.00+4007*0.40+5004*0.75+6106*0.50
30423 (C)	dead	9001*1.00+4007*0.40+5004*0.75+6107*0.50
30424 (C)	dead	9001*1.00+4007*0.40+5004*0.75+6108*0.50
30425 (C)	dead	9001*1.00+4007*0.40+5005*0.75+6101*0.50
30426 (C)	dead	9001*1.00+4007*0.40+5005*0.75+6102*0.50
30427 (C)	dead	9001*1.00+4007*0.40+5005*0.75+6103*0.50
30428 (C)	dead	9001*1.00+4007*0.40+5005*0.75+6104*0.50
30429 (C)	dead	9001*1.00+4007*0.40+5005*0.75+6105*0.50
30430 (C)	dead	9001*1.00+4007*0.40+5005*0.75+6106*0.50
30431 (C)	dead	9001*1.00+4007*0.40+5005*0.75+6107*0.50
30432 (C)	dead	9001*1.00+4007*0.40+5005*0.75+6108*0.50
30433 (C)	dead	9001*1.00+4007*0.40+5006*0.75+6101*0.50
30434 (C)	dead	9001*1.00+4007*0.40+5006*0.75+6102*0.50
30435 (C)	dead	9001*1.00+4007*0.40+5006*0.75+6103*0.50
30436 (C)	dead	9001*1.00+4007*0.40+5006*0.75+6104*0.50
30437 (C)	dead	9001*1.00+4007*0.40+5006*0.75+6105*0.50
30438 (C)	dead	9001*1.00+4007*0.40+5006*0.75+6106*0.50
30439 (C)	dead	9001*1.00+4007*0.40+5006*0.75+6107*0.50
30440 (C)	dead	9001*1.00+4007*0.40+5006*0.75+6108*0.50
30441 (C)	dead	9001*1.00+4007*0.40+5007*0.75+6101*0.50
30442 (C)	dead	9001*1.00+4007*0.40+5007*0.75+6102*0.50
30443 (C)	dead	9001*1.00+4007*0.40+5007*0.75+6103*0.50
30444 (C)	dead	9001*1.00+4007*0.40+5007*0.75+6104*0.50
30445 (C)	dead	9001*1.00+4007*0.40+5007*0.75+6105*0.50
30446 (C)	dead	9001*1.00+4007*0.40+5007*0.75+6106*0.50
30447 (C)	dead	9001*1.00+4007*0.40+5007*0.75+6107*0.50

Combinations	Case nature	Definition
30448 (C)	dead	9001*1.00+4007*0.40+5007*0.75+6108*0.50
30449 (C)	dead	9001*1.00+4008*0.40+5001*0.75+6101*0.50
30450 (C)	dead	9001*1.00+4008*0.40+5001*0.75+6102*0.50
30451 (C)	dead	9001*1.00+4008*0.40+5001*0.75+6103*0.50
30452 (C)	dead	9001*1.00+4008*0.40+5001*0.75+6104*0.50
30453 (C)	dead	9001*1.00+4008*0.40+5001*0.75+6105*0.50
30454 (C)	dead	9001*1.00+4008*0.40+5001*0.75+6106*0.50
30455 (C)	dead	9001*1.00+4008*0.40+5001*0.75+6107*0.50
30456 (C)	dead	9001*1.00+4008*0.40+5001*0.75+6108*0.50
30457 (C)	dead	9001*1.00+4008*0.40+5002*0.75+6101*0.50
30458 (C)	dead	9001*1.00+4008*0.40+5002*0.75+6102*0.50
30459 (C)	dead	9001*1.00+4008*0.40+5002*0.75+6103*0.50
30460 (C)	dead	9001*1.00+4008*0.40+5002*0.75+6104*0.50
30461 (C)	dead	9001*1.00+4008*0.40+5002*0.75+6105*0.50
30462 (C)	dead	9001*1.00+4008*0.40+5002*0.75+6106*0.50
30463 (C)	dead	9001*1.00+4008*0.40+5002*0.75+6107*0.50
30464 (C)	dead	9001*1.00+4008*0.40+5002*0.75+6108*0.50
30465 (C)	dead	9001*1.00+4008*0.40+5003*0.75+6101*0.50
30466 (C)	dead	9001*1.00+4008*0.40+5003*0.75+6102*0.50
30467 (C)	dead	9001*1.00+4008*0.40+5003*0.75+6103*0.50
30468 (C)	dead	9001*1.00+4008*0.40+5003*0.75+6104*0.50
30469 (C)	dead	9001*1.00+4008*0.40+5003*0.75+6105*0.50
30470 (C)	dead	9001*1.00+4008*0.40+5003*0.75+6106*0.50
30471 (C)	dead	9001*1.00+4008*0.40+5003*0.75+6107*0.50
30472 (C)	dead	9001*1.00+4008*0.40+5003*0.75+6108*0.50
30473 (C)	dead	9001*1.00+4008*0.40+5004*0.75+6101*0.50
30474 (C)	dead	9001*1.00+4008*0.40+5004*0.75+6102*0.50
30475 (C)	dead	9001*1.00+4008*0.40+5004*0.75+6103*0.50
30476 (C)	dead	9001*1.00+4008*0.40+5004*0.75+6104*0.50
30477 (C)	dead	9001*1.00+4008*0.40+5004*0.75+6105*0.50
30478 (C)	dead	9001*1.00+4008*0.40+5004*0.75+6106*0.50
30479 (C)	dead	9001*1.00+4008*0.40+5004*0.75+6107*0.50
30480 (C)	dead	9001*1.00+4008*0.40+5004*0.75+6108*0.50
30481 (C)	dead	9001*1.00+4008*0.40+5005*0.75+6101*0.50
30482 (C)	dead	9001*1.00+4008*0.40+5005*0.75+6102*0.50
30483 (C)	dead	9001*1.00+4008*0.40+5005*0.75+6103*0.50
30484 (C)	dead	9001*1.00+4008*0.40+5005*0.75+6104*0.50
30485 (C)	dead	9001*1.00+4008*0.40+5005*0.75+6105*0.50
30486 (C)	dead	9001*1.00+4008*0.40+5005*0.75+6106*0.50
30487 (C)	dead	9001*1.00+4008*0.40+5005*0.75+6107*0.50
30488 (C)	dead	9001*1.00+4008*0.40+5005*0.75+6108*0.50
30489 (C)	dead	9001*1.00+4008*0.40+5006*0.75+6101*0.50
30490 (C)	dead	9001*1.00+4008*0.40+5006*0.75+6102*0.50
30491 (C)	dead	9001*1.00+4008*0.40+5006*0.75+6103*0.50
30492 (C)	dead	9001*1.00+4008*0.40+5006*0.75+6104*0.50
30493 (C)	dead	9001*1.00+4008*0.40+5006*0.75+6105*0.50
30494 (C)	dead	9001*1.00+4008*0.40+5006*0.75+6106*0.50
30495 (C)	dead	9001*1.00+4008*0.40+5006*0.75+6107*0.50
30496 (C)	dead	9001*1.00+4008*0.40+5006*0.75+6108*0.50
30497 (C)	dead	9001*1.00+4008*0.40+5007*0.75+6101*0.50
30498 (C)	dead	9001*1.00+4008*0.40+5007*0.75+6102*0.50
30499 (C)	dead	9001*1.00+4008*0.40+5007*0.75+6103*0.50

Combinations	Case nature	Definition
30500 (C)	dead	9001*1.00+4008*0.40+5007*0.75+6104*0.50
30501 (C)	dead	9001*1.00+4008*0.40+5007*0.75+6105*0.50
30502 (C)	dead	9001*1.00+4008*0.40+5007*0.75+6106*0.50
30503 (C)	dead	9001*1.00+4008*0.40+5007*0.75+6107*0.50
30504 (C)	dead	9001*1.00+4008*0.40+5007*0.75+6108*0.50
30505 (C)	dead	9001*1.00+4009*0.40+5001*0.75+6101*0.50
30506 (C)	dead	9001*1.00+4009*0.40+5001*0.75+6102*0.50
30507 (C)	dead	9001*1.00+4009*0.40+5001*0.75+6103*0.50
30508 (C)	dead	9001*1.00+4009*0.40+5001*0.75+6104*0.50
30509 (C)	dead	9001*1.00+4009*0.40+5001*0.75+6105*0.50
30510 (C)	dead	9001*1.00+4009*0.40+5001*0.75+6106*0.50
30511 (C)	dead	9001*1.00+4009*0.40+5001*0.75+6107*0.50
30512 (C)	dead	9001*1.00+4009*0.40+5001*0.75+6108*0.50
30513 (C)	dead	9001*1.00+4009*0.40+5002*0.75+6101*0.50
30514 (C)	dead	9001*1.00+4009*0.40+5002*0.75+6102*0.50
30515 (C)	dead	9001*1.00+4009*0.40+5002*0.75+6103*0.50
30516 (C)	dead	9001*1.00+4009*0.40+5002*0.75+6104*0.50
30517 (C)	dead	9001*1.00+4009*0.40+5002*0.75+6105*0.50
30518 (C)	dead	9001*1.00+4009*0.40+5002*0.75+6106*0.50
30519 (C)	dead	9001*1.00+4009*0.40+5002*0.75+6107*0.50
30520 (C)	dead	9001*1.00+4009*0.40+5002*0.75+6108*0.50
30521 (C)	dead	9001*1.00+4009*0.40+5003*0.75+6101*0.50
30522 (C)	dead	9001*1.00+4009*0.40+5003*0.75+6102*0.50
30523 (C)	dead	9001*1.00+4009*0.40+5003*0.75+6103*0.50
30524 (C)	dead	9001*1.00+4009*0.40+5003*0.75+6104*0.50
30525 (C)	dead	9001*1.00+4009*0.40+5003*0.75+6105*0.50
30526 (C)	dead	9001*1.00+4009*0.40+5003*0.75+6106*0.50
30527 (C)	dead	9001*1.00+4009*0.40+5003*0.75+6107*0.50
30528 (C)	dead	9001*1.00+4009*0.40+5003*0.75+6108*0.50
30529 (C)	dead	9001*1.00+4009*0.40+5004*0.75+6101*0.50
30530 (C)	dead	9001*1.00+4009*0.40+5004*0.75+6102*0.50
30531 (C)	dead	9001*1.00+4009*0.40+5004*0.75+6103*0.50
30532 (C)	dead	9001*1.00+4009*0.40+5004*0.75+6104*0.50
30533 (C)	dead	9001*1.00+4009*0.40+5004*0.75+6105*0.50
30534 (C)	dead	9001*1.00+4009*0.40+5004*0.75+6106*0.50
30535 (C)	dead	9001*1.00+4009*0.40+5004*0.75+6107*0.50
30536 (C)	dead	9001*1.00+4009*0.40+5004*0.75+6108*0.50
30537 (C)	dead	9001*1.00+4009*0.40+5005*0.75+6101*0.50
30538 (C)	dead	9001*1.00+4009*0.40+5005*0.75+6102*0.50
30539 (C)	dead	9001*1.00+4009*0.40+5005*0.75+6103*0.50
30540 (C)	dead	9001*1.00+4009*0.40+5005*0.75+6104*0.50
30541 (C)	dead	9001*1.00+4009*0.40+5005*0.75+6105*0.50
30542 (C)	dead	9001*1.00+4009*0.40+5005*0.75+6106*0.50
30543 (C)	dead	9001*1.00+4009*0.40+5005*0.75+6107*0.50
30544 (C)	dead	9001*1.00+4009*0.40+5005*0.75+6108*0.50
30545 (C)	dead	9001*1.00+4009*0.40+5006*0.75+6101*0.50
30546 (C)	dead	9001*1.00+4009*0.40+5006*0.75+6102*0.50
30547 (C)	dead	9001*1.00+4009*0.40+5006*0.75+6103*0.50
30548 (C)	dead	9001*1.00+4009*0.40+5006*0.75+6104*0.50
30549 (C)	dead	9001*1.00+4009*0.40+5006*0.75+6105*0.50
30550 (C)	dead	9001*1.00+4009*0.40+5006*0.75+6106*0.50
30551 (C)	dead	9001*1.00+4009*0.40+5006*0.75+6107*0.50

Combinations	Case nature	Definition
30552 (C)	dead	9001*1.00+4009*0.40+5006*0.75+6108*0.50
30553 (C)	dead	9001*1.00+4009*0.40+5007*0.75+6101*0.50
30554 (C)	dead	9001*1.00+4009*0.40+5007*0.75+6102*0.50
30555 (C)	dead	9001*1.00+4009*0.40+5007*0.75+6103*0.50
30556 (C)	dead	9001*1.00+4009*0.40+5007*0.75+6104*0.50
30557 (C)	dead	9001*1.00+4009*0.40+5007*0.75+6105*0.50
30558 (C)	dead	9001*1.00+4009*0.40+5007*0.75+6106*0.50
30559 (C)	dead	9001*1.00+4009*0.40+5007*0.75+6107*0.50
30560 (C)	dead	9001*1.00+4009*0.40+5007*0.75+6108*0.50
30561 (C)	dead	9001*1.00+4010*0.40+5001*0.75+6101*0.50
30562 (C)	dead	9001*1.00+4010*0.40+5001*0.75+6102*0.50
30563 (C)	dead	9001*1.00+4010*0.40+5001*0.75+6103*0.50
30564 (C)	dead	9001*1.00+4010*0.40+5001*0.75+6104*0.50
30565 (C)	dead	9001*1.00+4010*0.40+5001*0.75+6105*0.50
30566 (C)	dead	9001*1.00+4010*0.40+5001*0.75+6106*0.50
30567 (C)	dead	9001*1.00+4010*0.40+5001*0.75+6107*0.50
30568 (C)	dead	9001*1.00+4010*0.40+5001*0.75+6108*0.50
30569 (C)	dead	9001*1.00+4010*0.40+5002*0.75+6101*0.50
30570 (C)	dead	9001*1.00+4010*0.40+5002*0.75+6102*0.50
30571 (C)	dead	9001*1.00+4010*0.40+5002*0.75+6103*0.50
30572 (C)	dead	9001*1.00+4010*0.40+5002*0.75+6104*0.50
30573 (C)	dead	9001*1.00+4010*0.40+5002*0.75+6105*0.50
30574 (C)	dead	9001*1.00+4010*0.40+5002*0.75+6106*0.50
30575 (C)	dead	9001*1.00+4010*0.40+5002*0.75+6107*0.50
30576 (C)	dead	9001*1.00+4010*0.40+5002*0.75+6108*0.50
30577 (C)	dead	9001*1.00+4010*0.40+5003*0.75+6101*0.50
30578 (C)	dead	9001*1.00+4010*0.40+5003*0.75+6102*0.50
30579 (C)	dead	9001*1.00+4010*0.40+5003*0.75+6103*0.50
30580 (C)	dead	9001*1.00+4010*0.40+5003*0.75+6104*0.50
30581 (C)	dead	9001*1.00+4010*0.40+5003*0.75+6105*0.50
30582 (C)	dead	9001*1.00+4010*0.40+5003*0.75+6106*0.50
30583 (C)	dead	9001*1.00+4010*0.40+5003*0.75+6107*0.50
30584 (C)	dead	9001*1.00+4010*0.40+5003*0.75+6108*0.50
30585 (C)	dead	9001*1.00+4010*0.40+5004*0.75+6101*0.50
30586 (C)	dead	9001*1.00+4010*0.40+5004*0.75+6102*0.50
30587 (C)	dead	9001*1.00+4010*0.40+5004*0.75+6103*0.50
30588 (C)	dead	9001*1.00+4010*0.40+5004*0.75+6104*0.50
30589 (C)	dead	9001*1.00+4010*0.40+5004*0.75+6105*0.50
30590 (C)	dead	9001*1.00+4010*0.40+5004*0.75+6106*0.50
30591 (C)	dead	9001*1.00+4010*0.40+5004*0.75+6107*0.50
30592 (C)	dead	9001*1.00+4010*0.40+5004*0.75+6108*0.50
30593 (C)	dead	9001*1.00+4010*0.40+5005*0.75+6101*0.50
30594 (C)	dead	9001*1.00+4010*0.40+5005*0.75+6102*0.50
30595 (C)	dead	9001*1.00+4010*0.40+5005*0.75+6103*0.50
30596 (C)	dead	9001*1.00+4010*0.40+5005*0.75+6104*0.50
30597 (C)	dead	9001*1.00+4010*0.40+5005*0.75+6105*0.50
30598 (C)	dead	9001*1.00+4010*0.40+5005*0.75+6106*0.50
30599 (C)	dead	9001*1.00+4010*0.40+5005*0.75+6107*0.50
30600 (C)	dead	9001*1.00+4010*0.40+5005*0.75+6108*0.50
30601 (C)	dead	9001*1.00+4010*0.40+5006*0.75+6101*0.50
30602 (C)	dead	9001*1.00+4010*0.40+5006*0.75+6102*0.50
30603 (C)	dead	9001*1.00+4010*0.40+5006*0.75+6103*0.50

Combinations	Case nature	Definition
30604 (C)	dead	9001*1.00+4010*0.40+5006*0.75+6104*0.50
30605 (C)	dead	9001*1.00+4010*0.40+5006*0.75+6105*0.50
30606 (C)	dead	9001*1.00+4010*0.40+5006*0.75+6106*0.50
30607 (C)	dead	9001*1.00+4010*0.40+5006*0.75+6107*0.50
30608 (C)	dead	9001*1.00+4010*0.40+5006*0.75+6108*0.50
30609 (C)	dead	9001*1.00+4010*0.40+5007*0.75+6101*0.50
30610 (C)	dead	9001*1.00+4010*0.40+5007*0.75+6102*0.50
30611 (C)	dead	9001*1.00+4010*0.40+5007*0.75+6103*0.50
30612 (C)	dead	9001*1.00+4010*0.40+5007*0.75+6104*0.50
30613 (C)	dead	9001*1.00+4010*0.40+5007*0.75+6105*0.50
30614 (C)	dead	9001*1.00+4010*0.40+5007*0.75+6106*0.50
30615 (C)	dead	9001*1.00+4010*0.40+5007*0.75+6107*0.50
30616 (C)	dead	9001*1.00+4010*0.40+5007*0.75+6108*0.50
30617 (C)	dead	9001*1.00+4011*0.40+5001*0.75+6101*0.50
30618 (C)	dead	9001*1.00+4011*0.40+5001*0.75+6102*0.50
30619 (C)	dead	9001*1.00+4011*0.40+5001*0.75+6103*0.50
30620 (C)	dead	9001*1.00+4011*0.40+5001*0.75+6104*0.50
30621 (C)	dead	9001*1.00+4011*0.40+5001*0.75+6105*0.50
30622 (C)	dead	9001*1.00+4011*0.40+5001*0.75+6106*0.50
30623 (C)	dead	9001*1.00+4011*0.40+5001*0.75+6107*0.50
30624 (C)	dead	9001*1.00+4011*0.40+5001*0.75+6108*0.50
30625 (C)	dead	9001*1.00+4011*0.40+5002*0.75+6101*0.50
30626 (C)	dead	9001*1.00+4011*0.40+5002*0.75+6102*0.50
30627 (C)	dead	9001*1.00+4011*0.40+5002*0.75+6103*0.50
30628 (C)	dead	9001*1.00+4011*0.40+5002*0.75+6104*0.50
30629 (C)	dead	9001*1.00+4011*0.40+5002*0.75+6105*0.50
30630 (C)	dead	9001*1.00+4011*0.40+5002*0.75+6106*0.50
30631 (C)	dead	9001*1.00+4011*0.40+5002*0.75+6107*0.50
30632 (C)	dead	9001*1.00+4011*0.40+5002*0.75+6108*0.50
30633 (C)	dead	9001*1.00+4011*0.40+5003*0.75+6101*0.50
30634 (C)	dead	9001*1.00+4011*0.40+5003*0.75+6102*0.50
30635 (C)	dead	9001*1.00+4011*0.40+5003*0.75+6103*0.50
30636 (C)	dead	9001*1.00+4011*0.40+5003*0.75+6104*0.50
30637 (C)	dead	9001*1.00+4011*0.40+5003*0.75+6105*0.50
30638 (C)	dead	9001*1.00+4011*0.40+5003*0.75+6106*0.50
30639 (C)	dead	9001*1.00+4011*0.40+5003*0.75+6107*0.50
30640 (C)	dead	9001*1.00+4011*0.40+5003*0.75+6108*0.50
30641 (C)	dead	9001*1.00+4011*0.40+5004*0.75+6101*0.50
30642 (C)	dead	9001*1.00+4011*0.40+5004*0.75+6102*0.50
30643 (C)	dead	9001*1.00+4011*0.40+5004*0.75+6103*0.50
30644 (C)	dead	9001*1.00+4011*0.40+5004*0.75+6104*0.50
30645 (C)	dead	9001*1.00+4011*0.40+5004*0.75+6105*0.50
30646 (C)	dead	9001*1.00+4011*0.40+5004*0.75+6106*0.50
30647 (C)	dead	9001*1.00+4011*0.40+5004*0.75+6107*0.50
30648 (C)	dead	9001*1.00+4011*0.40+5004*0.75+6108*0.50
30649 (C)	dead	9001*1.00+4011*0.40+5005*0.75+6101*0.50
30650 (C)	dead	9001*1.00+4011*0.40+5005*0.75+6102*0.50
30651 (C)	dead	9001*1.00+4011*0.40+5005*0.75+6103*0.50
30652 (C)	dead	9001*1.00+4011*0.40+5005*0.75+6104*0.50
30653 (C)	dead	9001*1.00+4011*0.40+5005*0.75+6105*0.50
30654 (C)	dead	9001*1.00+4011*0.40+5005*0.75+6106*0.50
30655 (C)	dead	9001*1.00+4011*0.40+5005*0.75+6107*0.50

Combinations	Case nature	Definition
30656 (C)	dead	9001*1.00+4011*0.40+5005*0.75+6108*0.50
30657 (C)	dead	9001*1.00+4011*0.40+5006*0.75+6101*0.50
30658 (C)	dead	9001*1.00+4011*0.40+5006*0.75+6102*0.50
30659 (C)	dead	9001*1.00+4011*0.40+5006*0.75+6103*0.50
30660 (C)	dead	9001*1.00+4011*0.40+5006*0.75+6104*0.50
30661 (C)	dead	9001*1.00+4011*0.40+5006*0.75+6105*0.50
30662 (C)	dead	9001*1.00+4011*0.40+5006*0.75+6106*0.50
30663 (C)	dead	9001*1.00+4011*0.40+5006*0.75+6107*0.50
30664 (C)	dead	9001*1.00+4011*0.40+5006*0.75+6108*0.50
30665 (C)	dead	9001*1.00+4011*0.40+5007*0.75+6101*0.50
30666 (C)	dead	9001*1.00+4011*0.40+5007*0.75+6102*0.50
30667 (C)	dead	9001*1.00+4011*0.40+5007*0.75+6103*0.50
30668 (C)	dead	9001*1.00+4011*0.40+5007*0.75+6104*0.50
30669 (C)	dead	9001*1.00+4011*0.40+5007*0.75+6105*0.50
30670 (C)	dead	9001*1.00+4011*0.40+5007*0.75+6106*0.50
30671 (C)	dead	9001*1.00+4011*0.40+5007*0.75+6107*0.50
30672 (C)	dead	9001*1.00+4011*0.40+5007*0.75+6108*0.50
30673 (C)	dead	9001*1.00+4012*0.40+5001*0.75+6101*0.50
30674 (C)	dead	9001*1.00+4012*0.40+5001*0.75+6102*0.50
30675 (C)	dead	9001*1.00+4012*0.40+5001*0.75+6103*0.50
30676 (C)	dead	9001*1.00+4012*0.40+5001*0.75+6104*0.50
30677 (C)	dead	9001*1.00+4012*0.40+5001*0.75+6105*0.50
30678 (C)	dead	9001*1.00+4012*0.40+5001*0.75+6106*0.50
30679 (C)	dead	9001*1.00+4012*0.40+5001*0.75+6107*0.50
30680 (C)	dead	9001*1.00+4012*0.40+5001*0.75+6108*0.50
30681 (C)	dead	9001*1.00+4012*0.40+5002*0.75+6101*0.50
30682 (C)	dead	9001*1.00+4012*0.40+5002*0.75+6102*0.50
30683 (C)	dead	9001*1.00+4012*0.40+5002*0.75+6103*0.50
30684 (C)	dead	9001*1.00+4012*0.40+5002*0.75+6104*0.50
30685 (C)	dead	9001*1.00+4012*0.40+5002*0.75+6105*0.50
30686 (C)	dead	9001*1.00+4012*0.40+5002*0.75+6106*0.50
30687 (C)	dead	9001*1.00+4012*0.40+5002*0.75+6107*0.50
30688 (C)	dead	9001*1.00+4012*0.40+5002*0.75+6108*0.50
30689 (C)	dead	9001*1.00+4012*0.40+5003*0.75+6101*0.50
30690 (C)	dead	9001*1.00+4012*0.40+5003*0.75+6102*0.50
30691 (C)	dead	9001*1.00+4012*0.40+5003*0.75+6103*0.50
30692 (C)	dead	9001*1.00+4012*0.40+5003*0.75+6104*0.50
30693 (C)	dead	9001*1.00+4012*0.40+5003*0.75+6105*0.50
30694 (C)	dead	9001*1.00+4012*0.40+5003*0.75+6106*0.50
30695 (C)	dead	9001*1.00+4012*0.40+5003*0.75+6107*0.50
30696 (C)	dead	9001*1.00+4012*0.40+5003*0.75+6108*0.50
30697 (C)	dead	9001*1.00+4012*0.40+5004*0.75+6101*0.50
30698 (C)	dead	9001*1.00+4012*0.40+5004*0.75+6102*0.50
30699 (C)	dead	9001*1.00+4012*0.40+5004*0.75+6103*0.50
30700 (C)	dead	9001*1.00+4012*0.40+5004*0.75+6104*0.50
30701 (C)	dead	9001*1.00+4012*0.40+5004*0.75+6105*0.50
30702 (C)	dead	9001*1.00+4012*0.40+5004*0.75+6106*0.50
30703 (C)	dead	9001*1.00+4012*0.40+5004*0.75+6107*0.50
30704 (C)	dead	9001*1.00+4012*0.40+5004*0.75+6108*0.50
30705 (C)	dead	9001*1.00+4012*0.40+5005*0.75+6101*0.50
30706 (C)	dead	9001*1.00+4012*0.40+5005*0.75+6102*0.50
30707 (C)	dead	9001*1.00+4012*0.40+5005*0.75+6103*0.50

Combinations	Case nature	Definition
30708 (C)	dead	9001*1.00+4012*0.40+5005*0.75+6104*0.50
30709 (C)	dead	9001*1.00+4012*0.40+5005*0.75+6105*0.50
30710 (C)	dead	9001*1.00+4012*0.40+5005*0.75+6106*0.50
30711 (C)	dead	9001*1.00+4012*0.40+5005*0.75+6107*0.50
30712 (C)	dead	9001*1.00+4012*0.40+5005*0.75+6108*0.50
30713 (C)	dead	9001*1.00+4012*0.40+5006*0.75+6101*0.50
30714 (C)	dead	9001*1.00+4012*0.40+5006*0.75+6102*0.50
30715 (C)	dead	9001*1.00+4012*0.40+5006*0.75+6103*0.50
30716 (C)	dead	9001*1.00+4012*0.40+5006*0.75+6104*0.50
30717 (C)	dead	9001*1.00+4012*0.40+5006*0.75+6105*0.50
30718 (C)	dead	9001*1.00+4012*0.40+5006*0.75+6106*0.50
30719 (C)	dead	9001*1.00+4012*0.40+5006*0.75+6107*0.50
30720 (C)	dead	9001*1.00+4012*0.40+5006*0.75+6108*0.50
30721 (C)	dead	9001*1.00+4012*0.40+5007*0.75+6101*0.50
30722 (C)	dead	9001*1.00+4012*0.40+5007*0.75+6102*0.50
30723 (C)	dead	9001*1.00+4012*0.40+5007*0.75+6103*0.50
30724 (C)	dead	9001*1.00+4012*0.40+5007*0.75+6104*0.50
30725 (C)	dead	9001*1.00+4012*0.40+5007*0.75+6105*0.50
30726 (C)	dead	9001*1.00+4012*0.40+5007*0.75+6106*0.50
30727 (C)	dead	9001*1.00+4012*0.40+5007*0.75+6107*0.50
30728 (C)	dead	9001*1.00+4012*0.40+5007*0.75+6108*0.50
30729 (C)	dead	9001*1.00+4013*0.40+5001*0.75+6101*0.50
30730 (C)	dead	9001*1.00+4013*0.40+5001*0.75+6102*0.50
30731 (C)	dead	9001*1.00+4013*0.40+5001*0.75+6103*0.50
30732 (C)	dead	9001*1.00+4013*0.40+5001*0.75+6104*0.50
30733 (C)	dead	9001*1.00+4013*0.40+5001*0.75+6105*0.50
30734 (C)	dead	9001*1.00+4013*0.40+5001*0.75+6106*0.50
30735 (C)	dead	9001*1.00+4013*0.40+5001*0.75+6107*0.50
30736 (C)	dead	9001*1.00+4013*0.40+5001*0.75+6108*0.50
30737 (C)	dead	9001*1.00+4013*0.40+5002*0.75+6101*0.50
30738 (C)	dead	9001*1.00+4013*0.40+5002*0.75+6102*0.50
30739 (C)	dead	9001*1.00+4013*0.40+5002*0.75+6103*0.50
30740 (C)	dead	9001*1.00+4013*0.40+5002*0.75+6104*0.50
30741 (C)	dead	9001*1.00+4013*0.40+5002*0.75+6105*0.50
30742 (C)	dead	9001*1.00+4013*0.40+5002*0.75+6106*0.50
30743 (C)	dead	9001*1.00+4013*0.40+5002*0.75+6107*0.50
30744 (C)	dead	9001*1.00+4013*0.40+5002*0.75+6108*0.50
30745 (C)	dead	9001*1.00+4013*0.40+5003*0.75+6101*0.50
30746 (C)	dead	9001*1.00+4013*0.40+5003*0.75+6102*0.50
30747 (C)	dead	9001*1.00+4013*0.40+5003*0.75+6103*0.50
30748 (C)	dead	9001*1.00+4013*0.40+5003*0.75+6104*0.50
30749 (C)	dead	9001*1.00+4013*0.40+5003*0.75+6105*0.50
30750 (C)	dead	9001*1.00+4013*0.40+5003*0.75+6106*0.50
30751 (C)	dead	9001*1.00+4013*0.40+5003*0.75+6107*0.50
30752 (C)	dead	9001*1.00+4013*0.40+5003*0.75+6108*0.50
30753 (C)	dead	9001*1.00+4013*0.40+5004*0.75+6101*0.50
30754 (C)	dead	9001*1.00+4013*0.40+5004*0.75+6102*0.50
30755 (C)	dead	9001*1.00+4013*0.40+5004*0.75+6103*0.50
30756 (C)	dead	9001*1.00+4013*0.40+5004*0.75+6104*0.50
30757 (C)	dead	9001*1.00+4013*0.40+5004*0.75+6105*0.50
30758 (C)	dead	9001*1.00+4013*0.40+5004*0.75+6106*0.50
30759 (C)	dead	9001*1.00+4013*0.40+5004*0.75+6107*0.50

Combinations	Case nature	Definition
30760 (C)	dead	9001*1.00+4013*0.40+5004*0.75+6108*0.50
30761 (C)	dead	9001*1.00+4013*0.40+5005*0.75+6101*0.50
30762 (C)	dead	9001*1.00+4013*0.40+5005*0.75+6102*0.50
30763 (C)	dead	9001*1.00+4013*0.40+5005*0.75+6103*0.50
30764 (C)	dead	9001*1.00+4013*0.40+5005*0.75+6104*0.50
30765 (C)	dead	9001*1.00+4013*0.40+5005*0.75+6105*0.50
30766 (C)	dead	9001*1.00+4013*0.40+5005*0.75+6106*0.50
30767 (C)	dead	9001*1.00+4013*0.40+5005*0.75+6107*0.50
30768 (C)	dead	9001*1.00+4013*0.40+5005*0.75+6108*0.50
30769 (C)	dead	9001*1.00+4013*0.40+5006*0.75+6101*0.50
30770 (C)	dead	9001*1.00+4013*0.40+5006*0.75+6102*0.50
30771 (C)	dead	9001*1.00+4013*0.40+5006*0.75+6103*0.50
30772 (C)	dead	9001*1.00+4013*0.40+5006*0.75+6104*0.50
30773 (C)	dead	9001*1.00+4013*0.40+5006*0.75+6105*0.50
30774 (C)	dead	9001*1.00+4013*0.40+5006*0.75+6106*0.50
30775 (C)	dead	9001*1.00+4013*0.40+5006*0.75+6107*0.50
30776 (C)	dead	9001*1.00+4013*0.40+5006*0.75+6108*0.50
30777 (C)	dead	9001*1.00+4013*0.40+5007*0.75+6101*0.50
30778 (C)	dead	9001*1.00+4013*0.40+5007*0.75+6102*0.50
30779 (C)	dead	9001*1.00+4013*0.40+5007*0.75+6103*0.50
30780 (C)	dead	9001*1.00+4013*0.40+5007*0.75+6104*0.50
30781 (C)	dead	9001*1.00+4013*0.40+5007*0.75+6105*0.50
30782 (C)	dead	9001*1.00+4013*0.40+5007*0.75+6106*0.50
30783 (C)	dead	9001*1.00+4013*0.40+5007*0.75+6107*0.50
30784 (C)	dead	9001*1.00+4013*0.40+5007*0.75+6108*0.50
30785 (C)	dead	9001*1.00+4014*0.40+5001*0.75+6101*0.50
30786 (C)	dead	9001*1.00+4014*0.40+5001*0.75+6102*0.50
30787 (C)	dead	9001*1.00+4014*0.40+5001*0.75+6103*0.50
30788 (C)	dead	9001*1.00+4014*0.40+5001*0.75+6104*0.50
30789 (C)	dead	9001*1.00+4014*0.40+5001*0.75+6105*0.50
30790 (C)	dead	9001*1.00+4014*0.40+5001*0.75+6106*0.50
30791 (C)	dead	9001*1.00+4014*0.40+5001*0.75+6107*0.50
30792 (C)	dead	9001*1.00+4014*0.40+5001*0.75+6108*0.50
30793 (C)	dead	9001*1.00+4014*0.40+5002*0.75+6101*0.50
30794 (C)	dead	9001*1.00+4014*0.40+5002*0.75+6102*0.50
30795 (C)	dead	9001*1.00+4014*0.40+5002*0.75+6103*0.50
30796 (C)	dead	9001*1.00+4014*0.40+5002*0.75+6104*0.50
30797 (C)	dead	9001*1.00+4014*0.40+5002*0.75+6105*0.50
30798 (C)	dead	9001*1.00+4014*0.40+5002*0.75+6106*0.50
30799 (C)	dead	9001*1.00+4014*0.40+5002*0.75+6107*0.50
30800 (C)	dead	9001*1.00+4014*0.40+5002*0.75+6108*0.50
30801 (C)	dead	9001*1.00+4014*0.40+5003*0.75+6101*0.50
30802 (C)	dead	9001*1.00+4014*0.40+5003*0.75+6102*0.50
30803 (C)	dead	9001*1.00+4014*0.40+5003*0.75+6103*0.50
30804 (C)	dead	9001*1.00+4014*0.40+5003*0.75+6104*0.50
30805 (C)	dead	9001*1.00+4014*0.40+5003*0.75+6105*0.50
30806 (C)	dead	9001*1.00+4014*0.40+5003*0.75+6106*0.50
30807 (C)	dead	9001*1.00+4014*0.40+5003*0.75+6107*0.50
30808 (C)	dead	9001*1.00+4014*0.40+5003*0.75+6108*0.50
30809 (C)	dead	9001*1.00+4014*0.40+5004*0.75+6101*0.50
30810 (C)	dead	9001*1.00+4014*0.40+5004*0.75+6102*0.50
30811 (C)	dead	9001*1.00+4014*0.40+5004*0.75+6103*0.50

Combinations	Case nature	Definition
30812 (C)	dead	9001*1.00+4014*0.40+5004*0.75+6104*0.50
30813 (C)	dead	9001*1.00+4014*0.40+5004*0.75+6105*0.50
30814 (C)	dead	9001*1.00+4014*0.40+5004*0.75+6106*0.50
30815 (C)	dead	9001*1.00+4014*0.40+5004*0.75+6107*0.50
30816 (C)	dead	9001*1.00+4014*0.40+5004*0.75+6108*0.50
30817 (C)	dead	9001*1.00+4014*0.40+5005*0.75+6101*0.50
30818 (C)	dead	9001*1.00+4014*0.40+5005*0.75+6102*0.50
30819 (C)	dead	9001*1.00+4014*0.40+5005*0.75+6103*0.50
30820 (C)	dead	9001*1.00+4014*0.40+5005*0.75+6104*0.50
30821 (C)	dead	9001*1.00+4014*0.40+5005*0.75+6105*0.50
30822 (C)	dead	9001*1.00+4014*0.40+5005*0.75+6106*0.50
30823 (C)	dead	9001*1.00+4014*0.40+5005*0.75+6107*0.50
30824 (C)	dead	9001*1.00+4014*0.40+5005*0.75+6108*0.50
30825 (C)	dead	9001*1.00+4014*0.40+5006*0.75+6101*0.50
30826 (C)	dead	9001*1.00+4014*0.40+5006*0.75+6102*0.50
30827 (C)	dead	9001*1.00+4014*0.40+5006*0.75+6103*0.50
30828 (C)	dead	9001*1.00+4014*0.40+5006*0.75+6104*0.50
30829 (C)	dead	9001*1.00+4014*0.40+5006*0.75+6105*0.50
30830 (C)	dead	9001*1.00+4014*0.40+5006*0.75+6106*0.50
30831 (C)	dead	9001*1.00+4014*0.40+5006*0.75+6107*0.50
30832 (C)	dead	9001*1.00+4014*0.40+5006*0.75+6108*0.50
30833 (C)	dead	9001*1.00+4014*0.40+5007*0.75+6101*0.50
30834 (C)	dead	9001*1.00+4014*0.40+5007*0.75+6102*0.50
30835 (C)	dead	9001*1.00+4014*0.40+5007*0.75+6103*0.50
30836 (C)	dead	9001*1.00+4014*0.40+5007*0.75+6104*0.50
30837 (C)	dead	9001*1.00+4014*0.40+5007*0.75+6105*0.50
30838 (C)	dead	9001*1.00+4014*0.40+5007*0.75+6106*0.50
30839 (C)	dead	9001*1.00+4014*0.40+5007*0.75+6107*0.50
30840 (C)	dead	9001*1.00+4014*0.40+5007*0.75+6108*0.50
30841 (C)	dead	9001*1.00+4015*0.40+5001*0.75+6101*0.50
30842 (C)	dead	9001*1.00+4015*0.40+5001*0.75+6102*0.50
30843 (C)	dead	9001*1.00+4015*0.40+5001*0.75+6103*0.50
30844 (C)	dead	9001*1.00+4015*0.40+5001*0.75+6104*0.50
30845 (C)	dead	9001*1.00+4015*0.40+5001*0.75+6105*0.50
30846 (C)	dead	9001*1.00+4015*0.40+5001*0.75+6106*0.50
30847 (C)	dead	9001*1.00+4015*0.40+5001*0.75+6107*0.50
30848 (C)	dead	9001*1.00+4015*0.40+5001*0.75+6108*0.50
30849 (C)	dead	9001*1.00+4015*0.40+5002*0.75+6101*0.50
30850 (C)	dead	9001*1.00+4015*0.40+5002*0.75+6102*0.50
30851 (C)	dead	9001*1.00+4015*0.40+5002*0.75+6103*0.50
30852 (C)	dead	9001*1.00+4015*0.40+5002*0.75+6104*0.50
30853 (C)	dead	9001*1.00+4015*0.40+5002*0.75+6105*0.50
30854 (C)	dead	9001*1.00+4015*0.40+5002*0.75+6106*0.50
30855 (C)	dead	9001*1.00+4015*0.40+5002*0.75+6107*0.50
30856 (C)	dead	9001*1.00+4015*0.40+5002*0.75+6108*0.50
30857 (C)	dead	9001*1.00+4015*0.40+5003*0.75+6101*0.50
30858 (C)	dead	9001*1.00+4015*0.40+5003*0.75+6102*0.50
30859 (C)	dead	9001*1.00+4015*0.40+5003*0.75+6103*0.50
30860 (C)	dead	9001*1.00+4015*0.40+5003*0.75+6104*0.50
30861 (C)	dead	9001*1.00+4015*0.40+5003*0.75+6105*0.50
30862 (C)	dead	9001*1.00+4015*0.40+5003*0.75+6106*0.50
30863 (C)	dead	9001*1.00+4015*0.40+5003*0.75+6107*0.50

Combinations	Case nature	Definition
30864 (C)	dead	9001*1.00+4015*0.40+5003*0.75+6108*0.50
30865 (C)	dead	9001*1.00+4015*0.40+5004*0.75+6101*0.50
30866 (C)	dead	9001*1.00+4015*0.40+5004*0.75+6102*0.50
30867 (C)	dead	9001*1.00+4015*0.40+5004*0.75+6103*0.50
30868 (C)	dead	9001*1.00+4015*0.40+5004*0.75+6104*0.50
30869 (C)	dead	9001*1.00+4015*0.40+5004*0.75+6105*0.50
30870 (C)	dead	9001*1.00+4015*0.40+5004*0.75+6106*0.50
30871 (C)	dead	9001*1.00+4015*0.40+5004*0.75+6107*0.50
30872 (C)	dead	9001*1.00+4015*0.40+5004*0.75+6108*0.50
30873 (C)	dead	9001*1.00+4015*0.40+5005*0.75+6101*0.50
30874 (C)	dead	9001*1.00+4015*0.40+5005*0.75+6102*0.50
30875 (C)	dead	9001*1.00+4015*0.40+5005*0.75+6103*0.50
30876 (C)	dead	9001*1.00+4015*0.40+5005*0.75+6104*0.50
30877 (C)	dead	9001*1.00+4015*0.40+5005*0.75+6105*0.50
30878 (C)	dead	9001*1.00+4015*0.40+5005*0.75+6106*0.50
30879 (C)	dead	9001*1.00+4015*0.40+5005*0.75+6107*0.50
30880 (C)	dead	9001*1.00+4015*0.40+5005*0.75+6108*0.50
30881 (C)	dead	9001*1.00+4015*0.40+5006*0.75+6101*0.50
30882 (C)	dead	9001*1.00+4015*0.40+5006*0.75+6102*0.50
30883 (C)	dead	9001*1.00+4015*0.40+5006*0.75+6103*0.50
30884 (C)	dead	9001*1.00+4015*0.40+5006*0.75+6104*0.50
30885 (C)	dead	9001*1.00+4015*0.40+5006*0.75+6105*0.50
30886 (C)	dead	9001*1.00+4015*0.40+5006*0.75+6106*0.50
30887 (C)	dead	9001*1.00+4015*0.40+5006*0.75+6107*0.50
30888 (C)	dead	9001*1.00+4015*0.40+5006*0.75+6108*0.50
30889 (C)	dead	9001*1.00+4015*0.40+5007*0.75+6101*0.50
30890 (C)	dead	9001*1.00+4015*0.40+5007*0.75+6102*0.50
30891 (C)	dead	9001*1.00+4015*0.40+5007*0.75+6103*0.50
30892 (C)	dead	9001*1.00+4015*0.40+5007*0.75+6104*0.50
30893 (C)	dead	9001*1.00+4015*0.40+5007*0.75+6105*0.50
30894 (C)	dead	9001*1.00+4015*0.40+5007*0.75+6106*0.50
30895 (C)	dead	9001*1.00+4015*0.40+5007*0.75+6107*0.50
30896 (C)	dead	9001*1.00+4015*0.40+5007*0.75+6108*0.50
30897 (C)	dead	9002*1.00+4000*0.40+5001*0.75+6101*0.50
30898 (C)	dead	9002*1.00+4000*0.40+5001*0.75+6102*0.50
30899 (C)	dead	9002*1.00+4000*0.40+5001*0.75+6103*0.50
30900 (C)	dead	9002*1.00+4000*0.40+5001*0.75+6104*0.50
30901 (C)	dead	9002*1.00+4000*0.40+5001*0.75+6105*0.50
30902 (C)	dead	9002*1.00+4000*0.40+5001*0.75+6106*0.50
30903 (C)	dead	9002*1.00+4000*0.40+5001*0.75+6107*0.50
30904 (C)	dead	9002*1.00+4000*0.40+5001*0.75+6108*0.50
30905 (C)	dead	9002*1.00+4000*0.40+5002*0.75+6101*0.50
30906 (C)	dead	9002*1.00+4000*0.40+5002*0.75+6102*0.50
30907 (C)	dead	9002*1.00+4000*0.40+5002*0.75+6103*0.50
30908 (C)	dead	9002*1.00+4000*0.40+5002*0.75+6104*0.50
30909 (C)	dead	9002*1.00+4000*0.40+5002*0.75+6105*0.50
30910 (C)	dead	9002*1.00+4000*0.40+5002*0.75+6106*0.50
30911 (C)	dead	9002*1.00+4000*0.40+5002*0.75+6107*0.50
30912 (C)	dead	9002*1.00+4000*0.40+5002*0.75+6108*0.50
30913 (C)	dead	9002*1.00+4000*0.40+5003*0.75+6101*0.50
30914 (C)	dead	9002*1.00+4000*0.40+5003*0.75+6102*0.50
30915 (C)	dead	9002*1.00+4000*0.40+5003*0.75+6103*0.50

Combinations	Case nature	Definition
30916 (C)	dead	9002*1.00+4000*0.40+5003*0.75+6104*0.50
30917 (C)	dead	9002*1.00+4000*0.40+5003*0.75+6105*0.50
30918 (C)	dead	9002*1.00+4000*0.40+5003*0.75+6106*0.50
30919 (C)	dead	9002*1.00+4000*0.40+5003*0.75+6107*0.50
30920 (C)	dead	9002*1.00+4000*0.40+5003*0.75+6108*0.50
30921 (C)	dead	9002*1.00+4000*0.40+5004*0.75+6101*0.50
30922 (C)	dead	9002*1.00+4000*0.40+5004*0.75+6102*0.50
30923 (C)	dead	9002*1.00+4000*0.40+5004*0.75+6103*0.50
30924 (C)	dead	9002*1.00+4000*0.40+5004*0.75+6104*0.50
30925 (C)	dead	9002*1.00+4000*0.40+5004*0.75+6105*0.50
30926 (C)	dead	9002*1.00+4000*0.40+5004*0.75+6106*0.50
30927 (C)	dead	9002*1.00+4000*0.40+5004*0.75+6107*0.50
30928 (C)	dead	9002*1.00+4000*0.40+5004*0.75+6108*0.50
30929 (C)	dead	9002*1.00+4000*0.40+5005*0.75+6101*0.50
30930 (C)	dead	9002*1.00+4000*0.40+5005*0.75+6102*0.50
30931 (C)	dead	9002*1.00+4000*0.40+5005*0.75+6103*0.50
30932 (C)	dead	9002*1.00+4000*0.40+5005*0.75+6104*0.50
30933 (C)	dead	9002*1.00+4000*0.40+5005*0.75+6105*0.50
30934 (C)	dead	9002*1.00+4000*0.40+5005*0.75+6106*0.50
30935 (C)	dead	9002*1.00+4000*0.40+5005*0.75+6107*0.50
30936 (C)	dead	9002*1.00+4000*0.40+5005*0.75+6108*0.50
30937 (C)	dead	9002*1.00+4000*0.40+5006*0.75+6101*0.50
30938 (C)	dead	9002*1.00+4000*0.40+5006*0.75+6102*0.50
30939 (C)	dead	9002*1.00+4000*0.40+5006*0.75+6103*0.50
30940 (C)	dead	9002*1.00+4000*0.40+5006*0.75+6104*0.50
30941 (C)	dead	9002*1.00+4000*0.40+5006*0.75+6105*0.50
30942 (C)	dead	9002*1.00+4000*0.40+5006*0.75+6106*0.50
30943 (C)	dead	9002*1.00+4000*0.40+5006*0.75+6107*0.50
30944 (C)	dead	9002*1.00+4000*0.40+5006*0.75+6108*0.50
30945 (C)	dead	9002*1.00+4000*0.40+5007*0.75+6101*0.50
30946 (C)	dead	9002*1.00+4000*0.40+5007*0.75+6102*0.50
30947 (C)	dead	9002*1.00+4000*0.40+5007*0.75+6103*0.50
30948 (C)	dead	9002*1.00+4000*0.40+5007*0.75+6104*0.50
30949 (C)	dead	9002*1.00+4000*0.40+5007*0.75+6105*0.50
30950 (C)	dead	9002*1.00+4000*0.40+5007*0.75+6106*0.50
30951 (C)	dead	9002*1.00+4000*0.40+5007*0.75+6107*0.50
30952 (C)	dead	9002*1.00+4000*0.40+5007*0.75+6108*0.50
30953 (C)	dead	9002*1.00+4001*0.40+5001*0.75+6101*0.50
30954 (C)	dead	9002*1.00+4001*0.40+5001*0.75+6102*0.50
30955 (C)	dead	9002*1.00+4001*0.40+5001*0.75+6103*0.50
30956 (C)	dead	9002*1.00+4001*0.40+5001*0.75+6104*0.50
30957 (C)	dead	9002*1.00+4001*0.40+5001*0.75+6105*0.50
30958 (C)	dead	9002*1.00+4001*0.40+5001*0.75+6106*0.50
30959 (C)	dead	9002*1.00+4001*0.40+5001*0.75+6107*0.50
30960 (C)	dead	9002*1.00+4001*0.40+5001*0.75+6108*0.50
30961 (C)	dead	9002*1.00+4001*0.40+5002*0.75+6101*0.50
30962 (C)	dead	9002*1.00+4001*0.40+5002*0.75+6102*0.50
30963 (C)	dead	9002*1.00+4001*0.40+5002*0.75+6103*0.50
30964 (C)	dead	9002*1.00+4001*0.40+5002*0.75+6104*0.50
30965 (C)	dead	9002*1.00+4001*0.40+5002*0.75+6105*0.50
30966 (C)	dead	9002*1.00+4001*0.40+5002*0.75+6106*0.50
30967 (C)	dead	9002*1.00+4001*0.40+5002*0.75+6107*0.50

Combinations	Case nature	Definition
30968 (C)	dead	9002*1.00+4001*0.40+5002*0.75+6108*0.50
30969 (C)	dead	9002*1.00+4001*0.40+5003*0.75+6101*0.50
30970 (C)	dead	9002*1.00+4001*0.40+5003*0.75+6102*0.50
30971 (C)	dead	9002*1.00+4001*0.40+5003*0.75+6103*0.50
30972 (C)	dead	9002*1.00+4001*0.40+5003*0.75+6104*0.50
30973 (C)	dead	9002*1.00+4001*0.40+5003*0.75+6105*0.50
30974 (C)	dead	9002*1.00+4001*0.40+5003*0.75+6106*0.50
30975 (C)	dead	9002*1.00+4001*0.40+5003*0.75+6107*0.50
30976 (C)	dead	9002*1.00+4001*0.40+5003*0.75+6108*0.50
30977 (C)	dead	9002*1.00+4001*0.40+5004*0.75+6101*0.50
30978 (C)	dead	9002*1.00+4001*0.40+5004*0.75+6102*0.50
30979 (C)	dead	9002*1.00+4001*0.40+5004*0.75+6103*0.50
30980 (C)	dead	9002*1.00+4001*0.40+5004*0.75+6104*0.50
30981 (C)	dead	9002*1.00+4001*0.40+5004*0.75+6105*0.50
30982 (C)	dead	9002*1.00+4001*0.40+5004*0.75+6106*0.50
30983 (C)	dead	9002*1.00+4001*0.40+5004*0.75+6107*0.50
30984 (C)	dead	9002*1.00+4001*0.40+5004*0.75+6108*0.50
30985 (C)	dead	9002*1.00+4001*0.40+5005*0.75+6101*0.50
30986 (C)	dead	9002*1.00+4001*0.40+5005*0.75+6102*0.50
30987 (C)	dead	9002*1.00+4001*0.40+5005*0.75+6103*0.50
30988 (C)	dead	9002*1.00+4001*0.40+5005*0.75+6104*0.50
30989 (C)	dead	9002*1.00+4001*0.40+5005*0.75+6105*0.50
30990 (C)	dead	9002*1.00+4001*0.40+5005*0.75+6106*0.50
30991 (C)	dead	9002*1.00+4001*0.40+5005*0.75+6107*0.50
30992 (C)	dead	9002*1.00+4001*0.40+5005*0.75+6108*0.50
30993 (C)	dead	9002*1.00+4001*0.40+5006*0.75+6101*0.50
30994 (C)	dead	9002*1.00+4001*0.40+5006*0.75+6102*0.50
30995 (C)	dead	9002*1.00+4001*0.40+5006*0.75+6103*0.50
30996 (C)	dead	9002*1.00+4001*0.40+5006*0.75+6104*0.50
30997 (C)	dead	9002*1.00+4001*0.40+5006*0.75+6105*0.50
30998 (C)	dead	9002*1.00+4001*0.40+5006*0.75+6106*0.50
30999 (C)	dead	9002*1.00+4001*0.40+5006*0.75+6107*0.50
31000 (C)	dead	9002*1.00+4001*0.40+5006*0.75+6108*0.50
31001 (C)	dead	9002*1.00+4001*0.40+5007*0.75+6101*0.50
31002 (C)	dead	9002*1.00+4001*0.40+5007*0.75+6102*0.50
31003 (C)	dead	9002*1.00+4001*0.40+5007*0.75+6103*0.50
31004 (C)	dead	9002*1.00+4001*0.40+5007*0.75+6104*0.50
31005 (C)	dead	9002*1.00+4001*0.40+5007*0.75+6105*0.50
31006 (C)	dead	9002*1.00+4001*0.40+5007*0.75+6106*0.50
31007 (C)	dead	9002*1.00+4001*0.40+5007*0.75+6107*0.50
31008 (C)	dead	9002*1.00+4001*0.40+5007*0.75+6108*0.50
31009 (C)	dead	9002*1.00+4002*0.40+5001*0.75+6101*0.50
31010 (C)	dead	9002*1.00+4002*0.40+5001*0.75+6102*0.50
31011 (C)	dead	9002*1.00+4002*0.40+5001*0.75+6103*0.50
31012 (C)	dead	9002*1.00+4002*0.40+5001*0.75+6104*0.50
31013 (C)	dead	9002*1.00+4002*0.40+5001*0.75+6105*0.50
31014 (C)	dead	9002*1.00+4002*0.40+5001*0.75+6106*0.50
31015 (C)	dead	9002*1.00+4002*0.40+5001*0.75+6107*0.50
31016 (C)	dead	9002*1.00+4002*0.40+5001*0.75+6108*0.50
31017 (C)	dead	9002*1.00+4002*0.40+5002*0.75+6101*0.50
31018 (C)	dead	9002*1.00+4002*0.40+5002*0.75+6102*0.50
31019 (C)	dead	9002*1.00+4002*0.40+5002*0.75+6103*0.50

Combinations	Case nature	Definition
31020 (C)	dead	9002*1.00+4002*0.40+5002*0.75+6104*0.50
31021 (C)	dead	9002*1.00+4002*0.40+5002*0.75+6105*0.50
31022 (C)	dead	9002*1.00+4002*0.40+5002*0.75+6106*0.50
31023 (C)	dead	9002*1.00+4002*0.40+5002*0.75+6107*0.50
31024 (C)	dead	9002*1.00+4002*0.40+5002*0.75+6108*0.50
31025 (C)	dead	9002*1.00+4002*0.40+5003*0.75+6101*0.50
31026 (C)	dead	9002*1.00+4002*0.40+5003*0.75+6102*0.50
31027 (C)	dead	9002*1.00+4002*0.40+5003*0.75+6103*0.50
31028 (C)	dead	9002*1.00+4002*0.40+5003*0.75+6104*0.50
31029 (C)	dead	9002*1.00+4002*0.40+5003*0.75+6105*0.50
31030 (C)	dead	9002*1.00+4002*0.40+5003*0.75+6106*0.50
31031 (C)	dead	9002*1.00+4002*0.40+5003*0.75+6107*0.50
31032 (C)	dead	9002*1.00+4002*0.40+5003*0.75+6108*0.50
31033 (C)	dead	9002*1.00+4002*0.40+5004*0.75+6101*0.50
31034 (C)	dead	9002*1.00+4002*0.40+5004*0.75+6102*0.50
31035 (C)	dead	9002*1.00+4002*0.40+5004*0.75+6103*0.50
31036 (C)	dead	9002*1.00+4002*0.40+5004*0.75+6104*0.50
31037 (C)	dead	9002*1.00+4002*0.40+5004*0.75+6105*0.50
31038 (C)	dead	9002*1.00+4002*0.40+5004*0.75+6106*0.50
31039 (C)	dead	9002*1.00+4002*0.40+5004*0.75+6107*0.50
31040 (C)	dead	9002*1.00+4002*0.40+5004*0.75+6108*0.50
31041 (C)	dead	9002*1.00+4002*0.40+5005*0.75+6101*0.50
31042 (C)	dead	9002*1.00+4002*0.40+5005*0.75+6102*0.50
31043 (C)	dead	9002*1.00+4002*0.40+5005*0.75+6103*0.50
31044 (C)	dead	9002*1.00+4002*0.40+5005*0.75+6104*0.50
31045 (C)	dead	9002*1.00+4002*0.40+5005*0.75+6105*0.50
31046 (C)	dead	9002*1.00+4002*0.40+5005*0.75+6106*0.50
31047 (C)	dead	9002*1.00+4002*0.40+5005*0.75+6107*0.50
31048 (C)	dead	9002*1.00+4002*0.40+5005*0.75+6108*0.50
31049 (C)	dead	9002*1.00+4002*0.40+5006*0.75+6101*0.50
31050 (C)	dead	9002*1.00+4002*0.40+5006*0.75+6102*0.50
31051 (C)	dead	9002*1.00+4002*0.40+5006*0.75+6103*0.50
31052 (C)	dead	9002*1.00+4002*0.40+5006*0.75+6104*0.50
31053 (C)	dead	9002*1.00+4002*0.40+5006*0.75+6105*0.50
31054 (C)	dead	9002*1.00+4002*0.40+5006*0.75+6106*0.50
31055 (C)	dead	9002*1.00+4002*0.40+5006*0.75+6107*0.50
31056 (C)	dead	9002*1.00+4002*0.40+5006*0.75+6108*0.50
31057 (C)	dead	9002*1.00+4002*0.40+5007*0.75+6101*0.50
31058 (C)	dead	9002*1.00+4002*0.40+5007*0.75+6102*0.50
31059 (C)	dead	9002*1.00+4002*0.40+5007*0.75+6103*0.50
31060 (C)	dead	9002*1.00+4002*0.40+5007*0.75+6104*0.50
31061 (C)	dead	9002*1.00+4002*0.40+5007*0.75+6105*0.50
31062 (C)	dead	9002*1.00+4002*0.40+5007*0.75+6106*0.50
31063 (C)	dead	9002*1.00+4002*0.40+5007*0.75+6107*0.50
31064 (C)	dead	9002*1.00+4002*0.40+5007*0.75+6108*0.50
31065 (C)	dead	9002*1.00+4003*0.40+5001*0.75+6101*0.50
31066 (C)	dead	9002*1.00+4003*0.40+5001*0.75+6102*0.50
31067 (C)	dead	9002*1.00+4003*0.40+5001*0.75+6103*0.50
31068 (C)	dead	9002*1.00+4003*0.40+5001*0.75+6104*0.50
31069 (C)	dead	9002*1.00+4003*0.40+5001*0.75+6105*0.50
31070 (C)	dead	9002*1.00+4003*0.40+5001*0.75+6106*0.50
31071 (C)	dead	9002*1.00+4003*0.40+5001*0.75+6107*0.50

Combinations	Case nature	Definition
31072 (C)	dead	9002*1.00+4003*0.40+5001*0.75+6108*0.50
31073 (C)	dead	9002*1.00+4003*0.40+5002*0.75+6101*0.50
31074 (C)	dead	9002*1.00+4003*0.40+5002*0.75+6102*0.50
31075 (C)	dead	9002*1.00+4003*0.40+5002*0.75+6103*0.50
31076 (C)	dead	9002*1.00+4003*0.40+5002*0.75+6104*0.50
31077 (C)	dead	9002*1.00+4003*0.40+5002*0.75+6105*0.50
31078 (C)	dead	9002*1.00+4003*0.40+5002*0.75+6106*0.50
31079 (C)	dead	9002*1.00+4003*0.40+5002*0.75+6107*0.50
31080 (C)	dead	9002*1.00+4003*0.40+5002*0.75+6108*0.50
31081 (C)	dead	9002*1.00+4003*0.40+5003*0.75+6101*0.50
31082 (C)	dead	9002*1.00+4003*0.40+5003*0.75+6102*0.50
31083 (C)	dead	9002*1.00+4003*0.40+5003*0.75+6103*0.50
31084 (C)	dead	9002*1.00+4003*0.40+5003*0.75+6104*0.50
31085 (C)	dead	9002*1.00+4003*0.40+5003*0.75+6105*0.50
31086 (C)	dead	9002*1.00+4003*0.40+5003*0.75+6106*0.50
31087 (C)	dead	9002*1.00+4003*0.40+5003*0.75+6107*0.50
31088 (C)	dead	9002*1.00+4003*0.40+5003*0.75+6108*0.50
31089 (C)	dead	9002*1.00+4003*0.40+5004*0.75+6101*0.50
31090 (C)	dead	9002*1.00+4003*0.40+5004*0.75+6102*0.50
31091 (C)	dead	9002*1.00+4003*0.40+5004*0.75+6103*0.50
31092 (C)	dead	9002*1.00+4003*0.40+5004*0.75+6104*0.50
31093 (C)	dead	9002*1.00+4003*0.40+5004*0.75+6105*0.50
31094 (C)	dead	9002*1.00+4003*0.40+5004*0.75+6106*0.50
31095 (C)	dead	9002*1.00+4003*0.40+5004*0.75+6107*0.50
31096 (C)	dead	9002*1.00+4003*0.40+5004*0.75+6108*0.50
31097 (C)	dead	9002*1.00+4003*0.40+5005*0.75+6101*0.50
31098 (C)	dead	9002*1.00+4003*0.40+5005*0.75+6102*0.50
31099 (C)	dead	9002*1.00+4003*0.40+5005*0.75+6103*0.50
31100 (C)	dead	9002*1.00+4003*0.40+5005*0.75+6104*0.50
31101 (C)	dead	9002*1.00+4003*0.40+5005*0.75+6105*0.50
31102 (C)	dead	9002*1.00+4003*0.40+5005*0.75+6106*0.50
31103 (C)	dead	9002*1.00+4003*0.40+5005*0.75+6107*0.50
31104 (C)	dead	9002*1.00+4003*0.40+5005*0.75+6108*0.50
31105 (C)	dead	9002*1.00+4003*0.40+5006*0.75+6101*0.50
31106 (C)	dead	9002*1.00+4003*0.40+5006*0.75+6102*0.50
31107 (C)	dead	9002*1.00+4003*0.40+5006*0.75+6103*0.50
31108 (C)	dead	9002*1.00+4003*0.40+5006*0.75+6104*0.50
31109 (C)	dead	9002*1.00+4003*0.40+5006*0.75+6105*0.50
31110 (C)	dead	9002*1.00+4003*0.40+5006*0.75+6106*0.50
31111 (C)	dead	9002*1.00+4003*0.40+5006*0.75+6107*0.50
31112 (C)	dead	9002*1.00+4003*0.40+5006*0.75+6108*0.50
31113 (C)	dead	9002*1.00+4003*0.40+5007*0.75+6101*0.50
31114 (C)	dead	9002*1.00+4003*0.40+5007*0.75+6102*0.50
31115 (C)	dead	9002*1.00+4003*0.40+5007*0.75+6103*0.50
31116 (C)	dead	9002*1.00+4003*0.40+5007*0.75+6104*0.50
31117 (C)	dead	9002*1.00+4003*0.40+5007*0.75+6105*0.50
31118 (C)	dead	9002*1.00+4003*0.40+5007*0.75+6106*0.50
31119 (C)	dead	9002*1.00+4003*0.40+5007*0.75+6107*0.50
31120 (C)	dead	9002*1.00+4003*0.40+5007*0.75+6108*0.50
31121 (C)	dead	9002*1.00+4004*0.40+5001*0.75+6101*0.50
31122 (C)	dead	9002*1.00+4004*0.40+5001*0.75+6102*0.50
31123 (C)	dead	9002*1.00+4004*0.40+5001*0.75+6103*0.50

Combinations	Case nature	Definition
31124 (C)	dead	9002*1.00+4004*0.40+5001*0.75+6104*0.50
31125 (C)	dead	9002*1.00+4004*0.40+5001*0.75+6105*0.50
31126 (C)	dead	9002*1.00+4004*0.40+5001*0.75+6106*0.50
31127 (C)	dead	9002*1.00+4004*0.40+5001*0.75+6107*0.50
31128 (C)	dead	9002*1.00+4004*0.40+5001*0.75+6108*0.50
31129 (C)	dead	9002*1.00+4004*0.40+5002*0.75+6101*0.50
31130 (C)	dead	9002*1.00+4004*0.40+5002*0.75+6102*0.50
31131 (C)	dead	9002*1.00+4004*0.40+5002*0.75+6103*0.50
31132 (C)	dead	9002*1.00+4004*0.40+5002*0.75+6104*0.50
31133 (C)	dead	9002*1.00+4004*0.40+5002*0.75+6105*0.50
31134 (C)	dead	9002*1.00+4004*0.40+5002*0.75+6106*0.50
31135 (C)	dead	9002*1.00+4004*0.40+5002*0.75+6107*0.50
31136 (C)	dead	9002*1.00+4004*0.40+5002*0.75+6108*0.50
31137 (C)	dead	9002*1.00+4004*0.40+5003*0.75+6101*0.50
31138 (C)	dead	9002*1.00+4004*0.40+5003*0.75+6102*0.50
31139 (C)	dead	9002*1.00+4004*0.40+5003*0.75+6103*0.50
31140 (C)	dead	9002*1.00+4004*0.40+5003*0.75+6104*0.50
31141 (C)	dead	9002*1.00+4004*0.40+5003*0.75+6105*0.50
31142 (C)	dead	9002*1.00+4004*0.40+5003*0.75+6106*0.50
31143 (C)	dead	9002*1.00+4004*0.40+5003*0.75+6107*0.50
31144 (C)	dead	9002*1.00+4004*0.40+5003*0.75+6108*0.50
31145 (C)	dead	9002*1.00+4004*0.40+5004*0.75+6101*0.50
31146 (C)	dead	9002*1.00+4004*0.40+5004*0.75+6102*0.50
31147 (C)	dead	9002*1.00+4004*0.40+5004*0.75+6103*0.50
31148 (C)	dead	9002*1.00+4004*0.40+5004*0.75+6104*0.50
31149 (C)	dead	9002*1.00+4004*0.40+5004*0.75+6105*0.50
31150 (C)	dead	9002*1.00+4004*0.40+5004*0.75+6106*0.50
31151 (C)	dead	9002*1.00+4004*0.40+5004*0.75+6107*0.50
31152 (C)	dead	9002*1.00+4004*0.40+5004*0.75+6108*0.50
31153 (C)	dead	9002*1.00+4004*0.40+5005*0.75+6101*0.50
31154 (C)	dead	9002*1.00+4004*0.40+5005*0.75+6102*0.50
31155 (C)	dead	9002*1.00+4004*0.40+5005*0.75+6103*0.50
31156 (C)	dead	9002*1.00+4004*0.40+5005*0.75+6104*0.50
31157 (C)	dead	9002*1.00+4004*0.40+5005*0.75+6105*0.50
31158 (C)	dead	9002*1.00+4004*0.40+5005*0.75+6106*0.50
31159 (C)	dead	9002*1.00+4004*0.40+5005*0.75+6107*0.50
31160 (C)	dead	9002*1.00+4004*0.40+5005*0.75+6108*0.50
31161 (C)	dead	9002*1.00+4004*0.40+5006*0.75+6101*0.50
31162 (C)	dead	9002*1.00+4004*0.40+5006*0.75+6102*0.50
31163 (C)	dead	9002*1.00+4004*0.40+5006*0.75+6103*0.50
31164 (C)	dead	9002*1.00+4004*0.40+5006*0.75+6104*0.50
31165 (C)	dead	9002*1.00+4004*0.40+5006*0.75+6105*0.50
31166 (C)	dead	9002*1.00+4004*0.40+5006*0.75+6106*0.50
31167 (C)	dead	9002*1.00+4004*0.40+5006*0.75+6107*0.50
31168 (C)	dead	9002*1.00+4004*0.40+5006*0.75+6108*0.50
31169 (C)	dead	9002*1.00+4004*0.40+5007*0.75+6101*0.50
31170 (C)	dead	9002*1.00+4004*0.40+5007*0.75+6102*0.50
31171 (C)	dead	9002*1.00+4004*0.40+5007*0.75+6103*0.50
31172 (C)	dead	9002*1.00+4004*0.40+5007*0.75+6104*0.50
31173 (C)	dead	9002*1.00+4004*0.40+5007*0.75+6105*0.50
31174 (C)	dead	9002*1.00+4004*0.40+5007*0.75+6106*0.50
31175 (C)	dead	9002*1.00+4004*0.40+5007*0.75+6107*0.50

Combinations	Case nature	Definition
31176 (C)	dead	9002*1.00+4004*0.40+5007*0.75+6108*0.50
31177 (C)	dead	9002*1.00+4005*0.40+5001*0.75+6101*0.50
31178 (C)	dead	9002*1.00+4005*0.40+5001*0.75+6102*0.50
31179 (C)	dead	9002*1.00+4005*0.40+5001*0.75+6103*0.50
31180 (C)	dead	9002*1.00+4005*0.40+5001*0.75+6104*0.50
31181 (C)	dead	9002*1.00+4005*0.40+5001*0.75+6105*0.50
31182 (C)	dead	9002*1.00+4005*0.40+5001*0.75+6106*0.50
31183 (C)	dead	9002*1.00+4005*0.40+5001*0.75+6107*0.50
31184 (C)	dead	9002*1.00+4005*0.40+5001*0.75+6108*0.50
31185 (C)	dead	9002*1.00+4005*0.40+5002*0.75+6101*0.50
31186 (C)	dead	9002*1.00+4005*0.40+5002*0.75+6102*0.50
31187 (C)	dead	9002*1.00+4005*0.40+5002*0.75+6103*0.50
31188 (C)	dead	9002*1.00+4005*0.40+5002*0.75+6104*0.50
31189 (C)	dead	9002*1.00+4005*0.40+5002*0.75+6105*0.50
31190 (C)	dead	9002*1.00+4005*0.40+5002*0.75+6106*0.50
31191 (C)	dead	9002*1.00+4005*0.40+5002*0.75+6107*0.50
31192 (C)	dead	9002*1.00+4005*0.40+5002*0.75+6108*0.50
31193 (C)	dead	9002*1.00+4005*0.40+5003*0.75+6101*0.50
31194 (C)	dead	9002*1.00+4005*0.40+5003*0.75+6102*0.50
31195 (C)	dead	9002*1.00+4005*0.40+5003*0.75+6103*0.50
31196 (C)	dead	9002*1.00+4005*0.40+5003*0.75+6104*0.50
31197 (C)	dead	9002*1.00+4005*0.40+5003*0.75+6105*0.50
31198 (C)	dead	9002*1.00+4005*0.40+5003*0.75+6106*0.50
31199 (C)	dead	9002*1.00+4005*0.40+5003*0.75+6107*0.50
31200 (C)	dead	9002*1.00+4005*0.40+5003*0.75+6108*0.50
31201 (C)	dead	9002*1.00+4005*0.40+5004*0.75+6101*0.50
31202 (C)	dead	9002*1.00+4005*0.40+5004*0.75+6102*0.50
31203 (C)	dead	9002*1.00+4005*0.40+5004*0.75+6103*0.50
31204 (C)	dead	9002*1.00+4005*0.40+5004*0.75+6104*0.50
31205 (C)	dead	9002*1.00+4005*0.40+5004*0.75+6105*0.50
31206 (C)	dead	9002*1.00+4005*0.40+5004*0.75+6106*0.50
31207 (C)	dead	9002*1.00+4005*0.40+5004*0.75+6107*0.50
31208 (C)	dead	9002*1.00+4005*0.40+5004*0.75+6108*0.50
31209 (C)	dead	9002*1.00+4005*0.40+5005*0.75+6101*0.50
31210 (C)	dead	9002*1.00+4005*0.40+5005*0.75+6102*0.50
31211 (C)	dead	9002*1.00+4005*0.40+5005*0.75+6103*0.50
31212 (C)	dead	9002*1.00+4005*0.40+5005*0.75+6104*0.50
31213 (C)	dead	9002*1.00+4005*0.40+5005*0.75+6105*0.50
31214 (C)	dead	9002*1.00+4005*0.40+5005*0.75+6106*0.50
31215 (C)	dead	9002*1.00+4005*0.40+5005*0.75+6107*0.50
31216 (C)	dead	9002*1.00+4005*0.40+5005*0.75+6108*0.50
31217 (C)	dead	9002*1.00+4005*0.40+5006*0.75+6101*0.50
31218 (C)	dead	9002*1.00+4005*0.40+5006*0.75+6102*0.50
31219 (C)	dead	9002*1.00+4005*0.40+5006*0.75+6103*0.50
31220 (C)	dead	9002*1.00+4005*0.40+5006*0.75+6104*0.50
31221 (C)	dead	9002*1.00+4005*0.40+5006*0.75+6105*0.50
31222 (C)	dead	9002*1.00+4005*0.40+5006*0.75+6106*0.50
31223 (C)	dead	9002*1.00+4005*0.40+5006*0.75+6107*0.50
31224 (C)	dead	9002*1.00+4005*0.40+5006*0.75+6108*0.50
31225 (C)	dead	9002*1.00+4005*0.40+5007*0.75+6101*0.50
31226 (C)	dead	9002*1.00+4005*0.40+5007*0.75+6102*0.50
31227 (C)	dead	9002*1.00+4005*0.40+5007*0.75+6103*0.50

Combinations	Case nature	Definition
31228 (C)	dead	9002*1.00+4005*0.40+5007*0.75+6104*0.50
31229 (C)	dead	9002*1.00+4005*0.40+5007*0.75+6105*0.50
31230 (C)	dead	9002*1.00+4005*0.40+5007*0.75+6106*0.50
31231 (C)	dead	9002*1.00+4005*0.40+5007*0.75+6107*0.50
31232 (C)	dead	9002*1.00+4005*0.40+5007*0.75+6108*0.50
31233 (C)	dead	9002*1.00+4006*0.40+5001*0.75+6101*0.50
31234 (C)	dead	9002*1.00+4006*0.40+5001*0.75+6102*0.50
31235 (C)	dead	9002*1.00+4006*0.40+5001*0.75+6103*0.50
31236 (C)	dead	9002*1.00+4006*0.40+5001*0.75+6104*0.50
31237 (C)	dead	9002*1.00+4006*0.40+5001*0.75+6105*0.50
31238 (C)	dead	9002*1.00+4006*0.40+5001*0.75+6106*0.50
31239 (C)	dead	9002*1.00+4006*0.40+5001*0.75+6107*0.50
31240 (C)	dead	9002*1.00+4006*0.40+5001*0.75+6108*0.50
31241 (C)	dead	9002*1.00+4006*0.40+5002*0.75+6101*0.50
31242 (C)	dead	9002*1.00+4006*0.40+5002*0.75+6102*0.50
31243 (C)	dead	9002*1.00+4006*0.40+5002*0.75+6103*0.50
31244 (C)	dead	9002*1.00+4006*0.40+5002*0.75+6104*0.50
31245 (C)	dead	9002*1.00+4006*0.40+5002*0.75+6105*0.50
31246 (C)	dead	9002*1.00+4006*0.40+5002*0.75+6106*0.50
31247 (C)	dead	9002*1.00+4006*0.40+5002*0.75+6107*0.50
31248 (C)	dead	9002*1.00+4006*0.40+5002*0.75+6108*0.50
31249 (C)	dead	9002*1.00+4006*0.40+5003*0.75+6101*0.50
31250 (C)	dead	9002*1.00+4006*0.40+5003*0.75+6102*0.50
31251 (C)	dead	9002*1.00+4006*0.40+5003*0.75+6103*0.50
31252 (C)	dead	9002*1.00+4006*0.40+5003*0.75+6104*0.50
31253 (C)	dead	9002*1.00+4006*0.40+5003*0.75+6105*0.50
31254 (C)	dead	9002*1.00+4006*0.40+5003*0.75+6106*0.50
31255 (C)	dead	9002*1.00+4006*0.40+5003*0.75+6107*0.50
31256 (C)	dead	9002*1.00+4006*0.40+5003*0.75+6108*0.50
31257 (C)	dead	9002*1.00+4006*0.40+5004*0.75+6101*0.50
31258 (C)	dead	9002*1.00+4006*0.40+5004*0.75+6102*0.50
31259 (C)	dead	9002*1.00+4006*0.40+5004*0.75+6103*0.50
31260 (C)	dead	9002*1.00+4006*0.40+5004*0.75+6104*0.50
31261 (C)	dead	9002*1.00+4006*0.40+5004*0.75+6105*0.50
31262 (C)	dead	9002*1.00+4006*0.40+5004*0.75+6106*0.50
31263 (C)	dead	9002*1.00+4006*0.40+5004*0.75+6107*0.50
31264 (C)	dead	9002*1.00+4006*0.40+5004*0.75+6108*0.50
31265 (C)	dead	9002*1.00+4006*0.40+5005*0.75+6101*0.50
31266 (C)	dead	9002*1.00+4006*0.40+5005*0.75+6102*0.50
31267 (C)	dead	9002*1.00+4006*0.40+5005*0.75+6103*0.50
31268 (C)	dead	9002*1.00+4006*0.40+5005*0.75+6104*0.50
31269 (C)	dead	9002*1.00+4006*0.40+5005*0.75+6105*0.50
31270 (C)	dead	9002*1.00+4006*0.40+5005*0.75+6106*0.50
31271 (C)	dead	9002*1.00+4006*0.40+5005*0.75+6107*0.50
31272 (C)	dead	9002*1.00+4006*0.40+5005*0.75+6108*0.50
31273 (C)	dead	9002*1.00+4006*0.40+5006*0.75+6101*0.50
31274 (C)	dead	9002*1.00+4006*0.40+5006*0.75+6102*0.50
31275 (C)	dead	9002*1.00+4006*0.40+5006*0.75+6103*0.50
31276 (C)	dead	9002*1.00+4006*0.40+5006*0.75+6104*0.50
31277 (C)	dead	9002*1.00+4006*0.40+5006*0.75+6105*0.50
31278 (C)	dead	9002*1.00+4006*0.40+5006*0.75+6106*0.50
31279 (C)	dead	9002*1.00+4006*0.40+5006*0.75+6107*0.50

Combinations	Case nature	Definition
31280 (C)	dead	9002*1.00+4006*0.40+5006*0.75+6108*0.50
31281 (C)	dead	9002*1.00+4006*0.40+5007*0.75+6101*0.50
31282 (C)	dead	9002*1.00+4006*0.40+5007*0.75+6102*0.50
31283 (C)	dead	9002*1.00+4006*0.40+5007*0.75+6103*0.50
31284 (C)	dead	9002*1.00+4006*0.40+5007*0.75+6104*0.50
31285 (C)	dead	9002*1.00+4006*0.40+5007*0.75+6105*0.50
31286 (C)	dead	9002*1.00+4006*0.40+5007*0.75+6106*0.50
31287 (C)	dead	9002*1.00+4006*0.40+5007*0.75+6107*0.50
31288 (C)	dead	9002*1.00+4006*0.40+5007*0.75+6108*0.50
31289 (C)	dead	9002*1.00+4007*0.40+5001*0.75+6101*0.50
31290 (C)	dead	9002*1.00+4007*0.40+5001*0.75+6102*0.50
31291 (C)	dead	9002*1.00+4007*0.40+5001*0.75+6103*0.50
31292 (C)	dead	9002*1.00+4007*0.40+5001*0.75+6104*0.50
31293 (C)	dead	9002*1.00+4007*0.40+5001*0.75+6105*0.50
31294 (C)	dead	9002*1.00+4007*0.40+5001*0.75+6106*0.50
31295 (C)	dead	9002*1.00+4007*0.40+5001*0.75+6107*0.50
31296 (C)	dead	9002*1.00+4007*0.40+5001*0.75+6108*0.50
31297 (C)	dead	9002*1.00+4007*0.40+5002*0.75+6101*0.50
31298 (C)	dead	9002*1.00+4007*0.40+5002*0.75+6102*0.50
31299 (C)	dead	9002*1.00+4007*0.40+5002*0.75+6103*0.50
31300 (C)	dead	9002*1.00+4007*0.40+5002*0.75+6104*0.50
31301 (C)	dead	9002*1.00+4007*0.40+5002*0.75+6105*0.50
31302 (C)	dead	9002*1.00+4007*0.40+5002*0.75+6106*0.50
31303 (C)	dead	9002*1.00+4007*0.40+5002*0.75+6107*0.50
31304 (C)	dead	9002*1.00+4007*0.40+5002*0.75+6108*0.50
31305 (C)	dead	9002*1.00+4007*0.40+5003*0.75+6101*0.50
31306 (C)	dead	9002*1.00+4007*0.40+5003*0.75+6102*0.50
31307 (C)	dead	9002*1.00+4007*0.40+5003*0.75+6103*0.50
31308 (C)	dead	9002*1.00+4007*0.40+5003*0.75+6104*0.50
31309 (C)	dead	9002*1.00+4007*0.40+5003*0.75+6105*0.50
31310 (C)	dead	9002*1.00+4007*0.40+5003*0.75+6106*0.50
31311 (C)	dead	9002*1.00+4007*0.40+5003*0.75+6107*0.50
31312 (C)	dead	9002*1.00+4007*0.40+5003*0.75+6108*0.50
31313 (C)	dead	9002*1.00+4007*0.40+5004*0.75+6101*0.50
31314 (C)	dead	9002*1.00+4007*0.40+5004*0.75+6102*0.50
31315 (C)	dead	9002*1.00+4007*0.40+5004*0.75+6103*0.50
31316 (C)	dead	9002*1.00+4007*0.40+5004*0.75+6104*0.50
31317 (C)	dead	9002*1.00+4007*0.40+5004*0.75+6105*0.50
31318 (C)	dead	9002*1.00+4007*0.40+5004*0.75+6106*0.50
31319 (C)	dead	9002*1.00+4007*0.40+5004*0.75+6107*0.50
31320 (C)	dead	9002*1.00+4007*0.40+5004*0.75+6108*0.50
31321 (C)	dead	9002*1.00+4007*0.40+5005*0.75+6101*0.50
31322 (C)	dead	9002*1.00+4007*0.40+5005*0.75+6102*0.50
31323 (C)	dead	9002*1.00+4007*0.40+5005*0.75+6103*0.50
31324 (C)	dead	9002*1.00+4007*0.40+5005*0.75+6104*0.50
31325 (C)	dead	9002*1.00+4007*0.40+5005*0.75+6105*0.50
31326 (C)	dead	9002*1.00+4007*0.40+5005*0.75+6106*0.50
31327 (C)	dead	9002*1.00+4007*0.40+5005*0.75+6107*0.50
31328 (C)	dead	9002*1.00+4007*0.40+5005*0.75+6108*0.50
31329 (C)	dead	9002*1.00+4007*0.40+5006*0.75+6101*0.50
31330 (C)	dead	9002*1.00+4007*0.40+5006*0.75+6102*0.50
31331 (C)	dead	9002*1.00+4007*0.40+5006*0.75+6103*0.50

Combinations	Case nature	Definition
31332 (C)	dead	9002*1.00+4007*0.40+5006*0.75+6104*0.50
31333 (C)	dead	9002*1.00+4007*0.40+5006*0.75+6105*0.50
31334 (C)	dead	9002*1.00+4007*0.40+5006*0.75+6106*0.50
31335 (C)	dead	9002*1.00+4007*0.40+5006*0.75+6107*0.50
31336 (C)	dead	9002*1.00+4007*0.40+5006*0.75+6108*0.50
31337 (C)	dead	9002*1.00+4007*0.40+5007*0.75+6101*0.50
31338 (C)	dead	9002*1.00+4007*0.40+5007*0.75+6102*0.50
31339 (C)	dead	9002*1.00+4007*0.40+5007*0.75+6103*0.50
31340 (C)	dead	9002*1.00+4007*0.40+5007*0.75+6104*0.50
31341 (C)	dead	9002*1.00+4007*0.40+5007*0.75+6105*0.50
31342 (C)	dead	9002*1.00+4007*0.40+5007*0.75+6106*0.50
31343 (C)	dead	9002*1.00+4007*0.40+5007*0.75+6107*0.50
31344 (C)	dead	9002*1.00+4007*0.40+5007*0.75+6108*0.50
31345 (C)	dead	9002*1.00+4008*0.40+5001*0.75+6101*0.50
31346 (C)	dead	9002*1.00+4008*0.40+5001*0.75+6102*0.50
31347 (C)	dead	9002*1.00+4008*0.40+5001*0.75+6103*0.50
31348 (C)	dead	9002*1.00+4008*0.40+5001*0.75+6104*0.50
31349 (C)	dead	9002*1.00+4008*0.40+5001*0.75+6105*0.50
31350 (C)	dead	9002*1.00+4008*0.40+5001*0.75+6106*0.50
31351 (C)	dead	9002*1.00+4008*0.40+5001*0.75+6107*0.50
31352 (C)	dead	9002*1.00+4008*0.40+5001*0.75+6108*0.50
31353 (C)	dead	9002*1.00+4008*0.40+5002*0.75+6101*0.50
31354 (C)	dead	9002*1.00+4008*0.40+5002*0.75+6102*0.50
31355 (C)	dead	9002*1.00+4008*0.40+5002*0.75+6103*0.50
31356 (C)	dead	9002*1.00+4008*0.40+5002*0.75+6104*0.50
31357 (C)	dead	9002*1.00+4008*0.40+5002*0.75+6105*0.50
31358 (C)	dead	9002*1.00+4008*0.40+5002*0.75+6106*0.50
31359 (C)	dead	9002*1.00+4008*0.40+5002*0.75+6107*0.50
31360 (C)	dead	9002*1.00+4008*0.40+5002*0.75+6108*0.50
31361 (C)	dead	9002*1.00+4008*0.40+5003*0.75+6101*0.50
31362 (C)	dead	9002*1.00+4008*0.40+5003*0.75+6102*0.50
31363 (C)	dead	9002*1.00+4008*0.40+5003*0.75+6103*0.50
31364 (C)	dead	9002*1.00+4008*0.40+5003*0.75+6104*0.50
31365 (C)	dead	9002*1.00+4008*0.40+5003*0.75+6105*0.50
31366 (C)	dead	9002*1.00+4008*0.40+5003*0.75+6106*0.50
31367 (C)	dead	9002*1.00+4008*0.40+5003*0.75+6107*0.50
31368 (C)	dead	9002*1.00+4008*0.40+5003*0.75+6108*0.50
31369 (C)	dead	9002*1.00+4008*0.40+5004*0.75+6101*0.50
31370 (C)	dead	9002*1.00+4008*0.40+5004*0.75+6102*0.50
31371 (C)	dead	9002*1.00+4008*0.40+5004*0.75+6103*0.50
31372 (C)	dead	9002*1.00+4008*0.40+5004*0.75+6104*0.50
31373 (C)	dead	9002*1.00+4008*0.40+5004*0.75+6105*0.50
31374 (C)	dead	9002*1.00+4008*0.40+5004*0.75+6106*0.50
31375 (C)	dead	9002*1.00+4008*0.40+5004*0.75+6107*0.50
31376 (C)	dead	9002*1.00+4008*0.40+5004*0.75+6108*0.50
31377 (C)	dead	9002*1.00+4008*0.40+5005*0.75+6101*0.50
31378 (C)	dead	9002*1.00+4008*0.40+5005*0.75+6102*0.50
31379 (C)	dead	9002*1.00+4008*0.40+5005*0.75+6103*0.50
31380 (C)	dead	9002*1.00+4008*0.40+5005*0.75+6104*0.50
31381 (C)	dead	9002*1.00+4008*0.40+5005*0.75+6105*0.50
31382 (C)	dead	9002*1.00+4008*0.40+5005*0.75+6106*0.50
31383 (C)	dead	9002*1.00+4008*0.40+5005*0.75+6107*0.50

Combinations	Case nature	Definition
31384 (C)	dead	9002*1.00+4008*0.40+5005*0.75+6108*0.50
31385 (C)	dead	9002*1.00+4008*0.40+5006*0.75+6101*0.50
31386 (C)	dead	9002*1.00+4008*0.40+5006*0.75+6102*0.50
31387 (C)	dead	9002*1.00+4008*0.40+5006*0.75+6103*0.50
31388 (C)	dead	9002*1.00+4008*0.40+5006*0.75+6104*0.50
31389 (C)	dead	9002*1.00+4008*0.40+5006*0.75+6105*0.50
31390 (C)	dead	9002*1.00+4008*0.40+5006*0.75+6106*0.50
31391 (C)	dead	9002*1.00+4008*0.40+5006*0.75+6107*0.50
31392 (C)	dead	9002*1.00+4008*0.40+5006*0.75+6108*0.50
31393 (C)	dead	9002*1.00+4008*0.40+5007*0.75+6101*0.50
31394 (C)	dead	9002*1.00+4008*0.40+5007*0.75+6102*0.50
31395 (C)	dead	9002*1.00+4008*0.40+5007*0.75+6103*0.50
31396 (C)	dead	9002*1.00+4008*0.40+5007*0.75+6104*0.50
31397 (C)	dead	9002*1.00+4008*0.40+5007*0.75+6105*0.50
31398 (C)	dead	9002*1.00+4008*0.40+5007*0.75+6106*0.50
31399 (C)	dead	9002*1.00+4008*0.40+5007*0.75+6107*0.50
31400 (C)	dead	9002*1.00+4008*0.40+5007*0.75+6108*0.50
31401 (C)	dead	9002*1.00+4009*0.40+5001*0.75+6101*0.50
31402 (C)	dead	9002*1.00+4009*0.40+5001*0.75+6102*0.50
31403 (C)	dead	9002*1.00+4009*0.40+5001*0.75+6103*0.50
31404 (C)	dead	9002*1.00+4009*0.40+5001*0.75+6104*0.50
31405 (C)	dead	9002*1.00+4009*0.40+5001*0.75+6105*0.50
31406 (C)	dead	9002*1.00+4009*0.40+5001*0.75+6106*0.50
31407 (C)	dead	9002*1.00+4009*0.40+5001*0.75+6107*0.50
31408 (C)	dead	9002*1.00+4009*0.40+5001*0.75+6108*0.50
31409 (C)	dead	9002*1.00+4009*0.40+5002*0.75+6101*0.50
31410 (C)	dead	9002*1.00+4009*0.40+5002*0.75+6102*0.50
31411 (C)	dead	9002*1.00+4009*0.40+5002*0.75+6103*0.50
31412 (C)	dead	9002*1.00+4009*0.40+5002*0.75+6104*0.50
31413 (C)	dead	9002*1.00+4009*0.40+5002*0.75+6105*0.50
31414 (C)	dead	9002*1.00+4009*0.40+5002*0.75+6106*0.50
31415 (C)	dead	9002*1.00+4009*0.40+5002*0.75+6107*0.50
31416 (C)	dead	9002*1.00+4009*0.40+5002*0.75+6108*0.50
31417 (C)	dead	9002*1.00+4009*0.40+5003*0.75+6101*0.50
31418 (C)	dead	9002*1.00+4009*0.40+5003*0.75+6102*0.50
31419 (C)	dead	9002*1.00+4009*0.40+5003*0.75+6103*0.50
31420 (C)	dead	9002*1.00+4009*0.40+5003*0.75+6104*0.50
31421 (C)	dead	9002*1.00+4009*0.40+5003*0.75+6105*0.50
31422 (C)	dead	9002*1.00+4009*0.40+5003*0.75+6106*0.50
31423 (C)	dead	9002*1.00+4009*0.40+5003*0.75+6107*0.50
31424 (C)	dead	9002*1.00+4009*0.40+5003*0.75+6108*0.50
31425 (C)	dead	9002*1.00+4009*0.40+5004*0.75+6101*0.50
31426 (C)	dead	9002*1.00+4009*0.40+5004*0.75+6102*0.50
31427 (C)	dead	9002*1.00+4009*0.40+5004*0.75+6103*0.50
31428 (C)	dead	9002*1.00+4009*0.40+5004*0.75+6104*0.50
31429 (C)	dead	9002*1.00+4009*0.40+5004*0.75+6105*0.50
31430 (C)	dead	9002*1.00+4009*0.40+5004*0.75+6106*0.50
31431 (C)	dead	9002*1.00+4009*0.40+5004*0.75+6107*0.50
31432 (C)	dead	9002*1.00+4009*0.40+5004*0.75+6108*0.50
31433 (C)	dead	9002*1.00+4009*0.40+5005*0.75+6101*0.50
31434 (C)	dead	9002*1.00+4009*0.40+5005*0.75+6102*0.50
31435 (C)	dead	9002*1.00+4009*0.40+5005*0.75+6103*0.50

Combinations	Case nature	Definition
31436 (C)	dead	9002*1.00+4009*0.40+5005*0.75+6104*0.50
31437 (C)	dead	9002*1.00+4009*0.40+5005*0.75+6105*0.50
31438 (C)	dead	9002*1.00+4009*0.40+5005*0.75+6106*0.50
31439 (C)	dead	9002*1.00+4009*0.40+5005*0.75+6107*0.50
31440 (C)	dead	9002*1.00+4009*0.40+5005*0.75+6108*0.50
31441 (C)	dead	9002*1.00+4009*0.40+5006*0.75+6101*0.50
31442 (C)	dead	9002*1.00+4009*0.40+5006*0.75+6102*0.50
31443 (C)	dead	9002*1.00+4009*0.40+5006*0.75+6103*0.50
31444 (C)	dead	9002*1.00+4009*0.40+5006*0.75+6104*0.50
31445 (C)	dead	9002*1.00+4009*0.40+5006*0.75+6105*0.50
31446 (C)	dead	9002*1.00+4009*0.40+5006*0.75+6106*0.50
31447 (C)	dead	9002*1.00+4009*0.40+5006*0.75+6107*0.50
31448 (C)	dead	9002*1.00+4009*0.40+5006*0.75+6108*0.50
31449 (C)	dead	9002*1.00+4009*0.40+5007*0.75+6101*0.50
31450 (C)	dead	9002*1.00+4009*0.40+5007*0.75+6102*0.50
31451 (C)	dead	9002*1.00+4009*0.40+5007*0.75+6103*0.50
31452 (C)	dead	9002*1.00+4009*0.40+5007*0.75+6104*0.50
31453 (C)	dead	9002*1.00+4009*0.40+5007*0.75+6105*0.50
31454 (C)	dead	9002*1.00+4009*0.40+5007*0.75+6106*0.50
31455 (C)	dead	9002*1.00+4009*0.40+5007*0.75+6107*0.50
31456 (C)	dead	9002*1.00+4009*0.40+5007*0.75+6108*0.50
31457 (C)	dead	9002*1.00+4010*0.40+5001*0.75+6101*0.50
31458 (C)	dead	9002*1.00+4010*0.40+5001*0.75+6102*0.50
31459 (C)	dead	9002*1.00+4010*0.40+5001*0.75+6103*0.50
31460 (C)	dead	9002*1.00+4010*0.40+5001*0.75+6104*0.50
31461 (C)	dead	9002*1.00+4010*0.40+5001*0.75+6105*0.50
31462 (C)	dead	9002*1.00+4010*0.40+5001*0.75+6106*0.50
31463 (C)	dead	9002*1.00+4010*0.40+5001*0.75+6107*0.50
31464 (C)	dead	9002*1.00+4010*0.40+5001*0.75+6108*0.50
31465 (C)	dead	9002*1.00+4010*0.40+5002*0.75+6101*0.50
31466 (C)	dead	9002*1.00+4010*0.40+5002*0.75+6102*0.50
31467 (C)	dead	9002*1.00+4010*0.40+5002*0.75+6103*0.50
31468 (C)	dead	9002*1.00+4010*0.40+5002*0.75+6104*0.50
31469 (C)	dead	9002*1.00+4010*0.40+5002*0.75+6105*0.50
31470 (C)	dead	9002*1.00+4010*0.40+5002*0.75+6106*0.50
31471 (C)	dead	9002*1.00+4010*0.40+5002*0.75+6107*0.50
31472 (C)	dead	9002*1.00+4010*0.40+5002*0.75+6108*0.50
31473 (C)	dead	9002*1.00+4010*0.40+5003*0.75+6101*0.50
31474 (C)	dead	9002*1.00+4010*0.40+5003*0.75+6102*0.50
31475 (C)	dead	9002*1.00+4010*0.40+5003*0.75+6103*0.50
31476 (C)	dead	9002*1.00+4010*0.40+5003*0.75+6104*0.50
31477 (C)	dead	9002*1.00+4010*0.40+5003*0.75+6105*0.50
31478 (C)	dead	9002*1.00+4010*0.40+5003*0.75+6106*0.50
31479 (C)	dead	9002*1.00+4010*0.40+5003*0.75+6107*0.50
31480 (C)	dead	9002*1.00+4010*0.40+5003*0.75+6108*0.50
31481 (C)	dead	9002*1.00+4010*0.40+5004*0.75+6101*0.50
31482 (C)	dead	9002*1.00+4010*0.40+5004*0.75+6102*0.50
31483 (C)	dead	9002*1.00+4010*0.40+5004*0.75+6103*0.50
31484 (C)	dead	9002*1.00+4010*0.40+5004*0.75+6104*0.50
31485 (C)	dead	9002*1.00+4010*0.40+5004*0.75+6105*0.50
31486 (C)	dead	9002*1.00+4010*0.40+5004*0.75+6106*0.50
31487 (C)	dead	9002*1.00+4010*0.40+5004*0.75+6107*0.50

Combinations	Case nature	Definition
31488 (C)	dead	9002*1.00+4010*0.40+5004*0.75+6108*0.50
31489 (C)	dead	9002*1.00+4010*0.40+5005*0.75+6101*0.50
31490 (C)	dead	9002*1.00+4010*0.40+5005*0.75+6102*0.50
31491 (C)	dead	9002*1.00+4010*0.40+5005*0.75+6103*0.50
31492 (C)	dead	9002*1.00+4010*0.40+5005*0.75+6104*0.50
31493 (C)	dead	9002*1.00+4010*0.40+5005*0.75+6105*0.50
31494 (C)	dead	9002*1.00+4010*0.40+5005*0.75+6106*0.50
31495 (C)	dead	9002*1.00+4010*0.40+5005*0.75+6107*0.50
31496 (C)	dead	9002*1.00+4010*0.40+5005*0.75+6108*0.50
31497 (C)	dead	9002*1.00+4010*0.40+5006*0.75+6101*0.50
31498 (C)	dead	9002*1.00+4010*0.40+5006*0.75+6102*0.50
31499 (C)	dead	9002*1.00+4010*0.40+5006*0.75+6103*0.50
31500 (C)	dead	9002*1.00+4010*0.40+5006*0.75+6104*0.50
31501 (C)	dead	9002*1.00+4010*0.40+5006*0.75+6105*0.50
31502 (C)	dead	9002*1.00+4010*0.40+5006*0.75+6106*0.50
31503 (C)	dead	9002*1.00+4010*0.40+5006*0.75+6107*0.50
31504 (C)	dead	9002*1.00+4010*0.40+5006*0.75+6108*0.50
31505 (C)	dead	9002*1.00+4010*0.40+5007*0.75+6101*0.50
31506 (C)	dead	9002*1.00+4010*0.40+5007*0.75+6102*0.50
31507 (C)	dead	9002*1.00+4010*0.40+5007*0.75+6103*0.50
31508 (C)	dead	9002*1.00+4010*0.40+5007*0.75+6104*0.50
31509 (C)	dead	9002*1.00+4010*0.40+5007*0.75+6105*0.50
31510 (C)	dead	9002*1.00+4010*0.40+5007*0.75+6106*0.50
31511 (C)	dead	9002*1.00+4010*0.40+5007*0.75+6107*0.50
31512 (C)	dead	9002*1.00+4010*0.40+5007*0.75+6108*0.50
31513 (C)	dead	9002*1.00+4011*0.40+5001*0.75+6101*0.50
31514 (C)	dead	9002*1.00+4011*0.40+5001*0.75+6102*0.50
31515 (C)	dead	9002*1.00+4011*0.40+5001*0.75+6103*0.50
31516 (C)	dead	9002*1.00+4011*0.40+5001*0.75+6104*0.50
31517 (C)	dead	9002*1.00+4011*0.40+5001*0.75+6105*0.50
31518 (C)	dead	9002*1.00+4011*0.40+5001*0.75+6106*0.50
31519 (C)	dead	9002*1.00+4011*0.40+5001*0.75+6107*0.50
31520 (C)	dead	9002*1.00+4011*0.40+5001*0.75+6108*0.50
31521 (C)	dead	9002*1.00+4011*0.40+5002*0.75+6101*0.50
31522 (C)	dead	9002*1.00+4011*0.40+5002*0.75+6102*0.50
31523 (C)	dead	9002*1.00+4011*0.40+5002*0.75+6103*0.50
31524 (C)	dead	9002*1.00+4011*0.40+5002*0.75+6104*0.50
31525 (C)	dead	9002*1.00+4011*0.40+5002*0.75+6105*0.50
31526 (C)	dead	9002*1.00+4011*0.40+5002*0.75+6106*0.50
31527 (C)	dead	9002*1.00+4011*0.40+5002*0.75+6107*0.50
31528 (C)	dead	9002*1.00+4011*0.40+5002*0.75+6108*0.50
31529 (C)	dead	9002*1.00+4011*0.40+5003*0.75+6101*0.50
31530 (C)	dead	9002*1.00+4011*0.40+5003*0.75+6102*0.50
31531 (C)	dead	9002*1.00+4011*0.40+5003*0.75+6103*0.50
31532 (C)	dead	9002*1.00+4011*0.40+5003*0.75+6104*0.50
31533 (C)	dead	9002*1.00+4011*0.40+5003*0.75+6105*0.50
31534 (C)	dead	9002*1.00+4011*0.40+5003*0.75+6106*0.50
31535 (C)	dead	9002*1.00+4011*0.40+5003*0.75+6107*0.50
31536 (C)	dead	9002*1.00+4011*0.40+5003*0.75+6108*0.50
31537 (C)	dead	9002*1.00+4011*0.40+5004*0.75+6101*0.50
31538 (C)	dead	9002*1.00+4011*0.40+5004*0.75+6102*0.50
31539 (C)	dead	9002*1.00+4011*0.40+5004*0.75+6103*0.50

Combinations	Case nature	Definition
31540 (C)	dead	9002*1.00+4011*0.40+5004*0.75+6104*0.50
31541 (C)	dead	9002*1.00+4011*0.40+5004*0.75+6105*0.50
31542 (C)	dead	9002*1.00+4011*0.40+5004*0.75+6106*0.50
31543 (C)	dead	9002*1.00+4011*0.40+5004*0.75+6107*0.50
31544 (C)	dead	9002*1.00+4011*0.40+5004*0.75+6108*0.50
31545 (C)	dead	9002*1.00+4011*0.40+5005*0.75+6101*0.50
31546 (C)	dead	9002*1.00+4011*0.40+5005*0.75+6102*0.50
31547 (C)	dead	9002*1.00+4011*0.40+5005*0.75+6103*0.50
31548 (C)	dead	9002*1.00+4011*0.40+5005*0.75+6104*0.50
31549 (C)	dead	9002*1.00+4011*0.40+5005*0.75+6105*0.50
31550 (C)	dead	9002*1.00+4011*0.40+5005*0.75+6106*0.50
31551 (C)	dead	9002*1.00+4011*0.40+5005*0.75+6107*0.50
31552 (C)	dead	9002*1.00+4011*0.40+5005*0.75+6108*0.50
31553 (C)	dead	9002*1.00+4011*0.40+5006*0.75+6101*0.50
31554 (C)	dead	9002*1.00+4011*0.40+5006*0.75+6102*0.50
31555 (C)	dead	9002*1.00+4011*0.40+5006*0.75+6103*0.50
31556 (C)	dead	9002*1.00+4011*0.40+5006*0.75+6104*0.50
31557 (C)	dead	9002*1.00+4011*0.40+5006*0.75+6105*0.50
31558 (C)	dead	9002*1.00+4011*0.40+5006*0.75+6106*0.50
31559 (C)	dead	9002*1.00+4011*0.40+5006*0.75+6107*0.50
31560 (C)	dead	9002*1.00+4011*0.40+5006*0.75+6108*0.50
31561 (C)	dead	9002*1.00+4011*0.40+5007*0.75+6101*0.50
31562 (C)	dead	9002*1.00+4011*0.40+5007*0.75+6102*0.50
31563 (C)	dead	9002*1.00+4011*0.40+5007*0.75+6103*0.50
31564 (C)	dead	9002*1.00+4011*0.40+5007*0.75+6104*0.50
31565 (C)	dead	9002*1.00+4011*0.40+5007*0.75+6105*0.50
31566 (C)	dead	9002*1.00+4011*0.40+5007*0.75+6106*0.50
31567 (C)	dead	9002*1.00+4011*0.40+5007*0.75+6107*0.50
31568 (C)	dead	9002*1.00+4011*0.40+5007*0.75+6108*0.50
31569 (C)	dead	9002*1.00+4012*0.40+5001*0.75+6101*0.50
31570 (C)	dead	9002*1.00+4012*0.40+5001*0.75+6102*0.50
31571 (C)	dead	9002*1.00+4012*0.40+5001*0.75+6103*0.50
31572 (C)	dead	9002*1.00+4012*0.40+5001*0.75+6104*0.50
31573 (C)	dead	9002*1.00+4012*0.40+5001*0.75+6105*0.50
31574 (C)	dead	9002*1.00+4012*0.40+5001*0.75+6106*0.50
31575 (C)	dead	9002*1.00+4012*0.40+5001*0.75+6107*0.50
31576 (C)	dead	9002*1.00+4012*0.40+5001*0.75+6108*0.50
31577 (C)	dead	9002*1.00+4012*0.40+5002*0.75+6101*0.50
31578 (C)	dead	9002*1.00+4012*0.40+5002*0.75+6102*0.50
31579 (C)	dead	9002*1.00+4012*0.40+5002*0.75+6103*0.50
31580 (C)	dead	9002*1.00+4012*0.40+5002*0.75+6104*0.50
31581 (C)	dead	9002*1.00+4012*0.40+5002*0.75+6105*0.50
31582 (C)	dead	9002*1.00+4012*0.40+5002*0.75+6106*0.50
31583 (C)	dead	9002*1.00+4012*0.40+5002*0.75+6107*0.50
31584 (C)	dead	9002*1.00+4012*0.40+5002*0.75+6108*0.50
31585 (C)	dead	9002*1.00+4012*0.40+5003*0.75+6101*0.50
31586 (C)	dead	9002*1.00+4012*0.40+5003*0.75+6102*0.50
31587 (C)	dead	9002*1.00+4012*0.40+5003*0.75+6103*0.50
31588 (C)	dead	9002*1.00+4012*0.40+5003*0.75+6104*0.50
31589 (C)	dead	9002*1.00+4012*0.40+5003*0.75+6105*0.50
31590 (C)	dead	9002*1.00+4012*0.40+5003*0.75+6106*0.50
31591 (C)	dead	9002*1.00+4012*0.40+5003*0.75+6107*0.50

Combinations	Case nature	Definition
31592 (C)	dead	9002*1.00+4012*0.40+5003*0.75+6108*0.50
31593 (C)	dead	9002*1.00+4012*0.40+5004*0.75+6101*0.50
31594 (C)	dead	9002*1.00+4012*0.40+5004*0.75+6102*0.50
31595 (C)	dead	9002*1.00+4012*0.40+5004*0.75+6103*0.50
31596 (C)	dead	9002*1.00+4012*0.40+5004*0.75+6104*0.50
31597 (C)	dead	9002*1.00+4012*0.40+5004*0.75+6105*0.50
31598 (C)	dead	9002*1.00+4012*0.40+5004*0.75+6106*0.50
31599 (C)	dead	9002*1.00+4012*0.40+5004*0.75+6107*0.50
31600 (C)	dead	9002*1.00+4012*0.40+5004*0.75+6108*0.50
31601 (C)	dead	9002*1.00+4012*0.40+5005*0.75+6101*0.50
31602 (C)	dead	9002*1.00+4012*0.40+5005*0.75+6102*0.50
31603 (C)	dead	9002*1.00+4012*0.40+5005*0.75+6103*0.50
31604 (C)	dead	9002*1.00+4012*0.40+5005*0.75+6104*0.50
31605 (C)	dead	9002*1.00+4012*0.40+5005*0.75+6105*0.50
31606 (C)	dead	9002*1.00+4012*0.40+5005*0.75+6106*0.50
31607 (C)	dead	9002*1.00+4012*0.40+5005*0.75+6107*0.50
31608 (C)	dead	9002*1.00+4012*0.40+5005*0.75+6108*0.50
31609 (C)	dead	9002*1.00+4012*0.40+5006*0.75+6101*0.50
31610 (C)	dead	9002*1.00+4012*0.40+5006*0.75+6102*0.50
31611 (C)	dead	9002*1.00+4012*0.40+5006*0.75+6103*0.50
31612 (C)	dead	9002*1.00+4012*0.40+5006*0.75+6104*0.50
31613 (C)	dead	9002*1.00+4012*0.40+5006*0.75+6105*0.50
31614 (C)	dead	9002*1.00+4012*0.40+5006*0.75+6106*0.50
31615 (C)	dead	9002*1.00+4012*0.40+5006*0.75+6107*0.50
31616 (C)	dead	9002*1.00+4012*0.40+5006*0.75+6108*0.50
31617 (C)	dead	9002*1.00+4012*0.40+5007*0.75+6101*0.50
31618 (C)	dead	9002*1.00+4012*0.40+5007*0.75+6102*0.50
31619 (C)	dead	9002*1.00+4012*0.40+5007*0.75+6103*0.50
31620 (C)	dead	9002*1.00+4012*0.40+5007*0.75+6104*0.50
31621 (C)	dead	9002*1.00+4012*0.40+5007*0.75+6105*0.50
31622 (C)	dead	9002*1.00+4012*0.40+5007*0.75+6106*0.50
31623 (C)	dead	9002*1.00+4012*0.40+5007*0.75+6107*0.50
31624 (C)	dead	9002*1.00+4012*0.40+5007*0.75+6108*0.50
31625 (C)	dead	9002*1.00+4013*0.40+5001*0.75+6101*0.50
31626 (C)	dead	9002*1.00+4013*0.40+5001*0.75+6102*0.50
31627 (C)	dead	9002*1.00+4013*0.40+5001*0.75+6103*0.50
31628 (C)	dead	9002*1.00+4013*0.40+5001*0.75+6104*0.50
31629 (C)	dead	9002*1.00+4013*0.40+5001*0.75+6105*0.50
31630 (C)	dead	9002*1.00+4013*0.40+5001*0.75+6106*0.50
31631 (C)	dead	9002*1.00+4013*0.40+5001*0.75+6107*0.50
31632 (C)	dead	9002*1.00+4013*0.40+5001*0.75+6108*0.50
31633 (C)	dead	9002*1.00+4013*0.40+5002*0.75+6101*0.50
31634 (C)	dead	9002*1.00+4013*0.40+5002*0.75+6102*0.50
31635 (C)	dead	9002*1.00+4013*0.40+5002*0.75+6103*0.50
31636 (C)	dead	9002*1.00+4013*0.40+5002*0.75+6104*0.50
31637 (C)	dead	9002*1.00+4013*0.40+5002*0.75+6105*0.50
31638 (C)	dead	9002*1.00+4013*0.40+5002*0.75+6106*0.50
31639 (C)	dead	9002*1.00+4013*0.40+5002*0.75+6107*0.50
31640 (C)	dead	9002*1.00+4013*0.40+5002*0.75+6108*0.50
31641 (C)	dead	9002*1.00+4013*0.40+5003*0.75+6101*0.50
31642 (C)	dead	9002*1.00+4013*0.40+5003*0.75+6102*0.50
31643 (C)	dead	9002*1.00+4013*0.40+5003*0.75+6103*0.50

Combinations	Case nature	Definition
31644 (C)	dead	9002*1.00+4013*0.40+5003*0.75+6104*0.50
31645 (C)	dead	9002*1.00+4013*0.40+5003*0.75+6105*0.50
31646 (C)	dead	9002*1.00+4013*0.40+5003*0.75+6106*0.50
31647 (C)	dead	9002*1.00+4013*0.40+5003*0.75+6107*0.50
31648 (C)	dead	9002*1.00+4013*0.40+5003*0.75+6108*0.50
31649 (C)	dead	9002*1.00+4013*0.40+5004*0.75+6101*0.50
31650 (C)	dead	9002*1.00+4013*0.40+5004*0.75+6102*0.50
31651 (C)	dead	9002*1.00+4013*0.40+5004*0.75+6103*0.50
31652 (C)	dead	9002*1.00+4013*0.40+5004*0.75+6104*0.50
31653 (C)	dead	9002*1.00+4013*0.40+5004*0.75+6105*0.50
31654 (C)	dead	9002*1.00+4013*0.40+5004*0.75+6106*0.50
31655 (C)	dead	9002*1.00+4013*0.40+5004*0.75+6107*0.50
31656 (C)	dead	9002*1.00+4013*0.40+5004*0.75+6108*0.50
31657 (C)	dead	9002*1.00+4013*0.40+5005*0.75+6101*0.50
31658 (C)	dead	9002*1.00+4013*0.40+5005*0.75+6102*0.50
31659 (C)	dead	9002*1.00+4013*0.40+5005*0.75+6103*0.50
31660 (C)	dead	9002*1.00+4013*0.40+5005*0.75+6104*0.50
31661 (C)	dead	9002*1.00+4013*0.40+5005*0.75+6105*0.50
31662 (C)	dead	9002*1.00+4013*0.40+5005*0.75+6106*0.50
31663 (C)	dead	9002*1.00+4013*0.40+5005*0.75+6107*0.50
31664 (C)	dead	9002*1.00+4013*0.40+5005*0.75+6108*0.50
31665 (C)	dead	9002*1.00+4013*0.40+5006*0.75+6101*0.50
31666 (C)	dead	9002*1.00+4013*0.40+5006*0.75+6102*0.50
31667 (C)	dead	9002*1.00+4013*0.40+5006*0.75+6103*0.50
31668 (C)	dead	9002*1.00+4013*0.40+5006*0.75+6104*0.50
31669 (C)	dead	9002*1.00+4013*0.40+5006*0.75+6105*0.50
31670 (C)	dead	9002*1.00+4013*0.40+5006*0.75+6106*0.50
31671 (C)	dead	9002*1.00+4013*0.40+5006*0.75+6107*0.50
31672 (C)	dead	9002*1.00+4013*0.40+5006*0.75+6108*0.50
31673 (C)	dead	9002*1.00+4013*0.40+5007*0.75+6101*0.50
31674 (C)	dead	9002*1.00+4013*0.40+5007*0.75+6102*0.50
31675 (C)	dead	9002*1.00+4013*0.40+5007*0.75+6103*0.50
31676 (C)	dead	9002*1.00+4013*0.40+5007*0.75+6104*0.50
31677 (C)	dead	9002*1.00+4013*0.40+5007*0.75+6105*0.50
31678 (C)	dead	9002*1.00+4013*0.40+5007*0.75+6106*0.50
31679 (C)	dead	9002*1.00+4013*0.40+5007*0.75+6107*0.50
31680 (C)	dead	9002*1.00+4013*0.40+5007*0.75+6108*0.50
31681 (C)	dead	9002*1.00+4014*0.40+5001*0.75+6101*0.50
31682 (C)	dead	9002*1.00+4014*0.40+5001*0.75+6102*0.50
31683 (C)	dead	9002*1.00+4014*0.40+5001*0.75+6103*0.50
31684 (C)	dead	9002*1.00+4014*0.40+5001*0.75+6104*0.50
31685 (C)	dead	9002*1.00+4014*0.40+5001*0.75+6105*0.50
31686 (C)	dead	9002*1.00+4014*0.40+5001*0.75+6106*0.50
31687 (C)	dead	9002*1.00+4014*0.40+5001*0.75+6107*0.50
31688 (C)	dead	9002*1.00+4014*0.40+5001*0.75+6108*0.50
31689 (C)	dead	9002*1.00+4014*0.40+5002*0.75+6101*0.50
31690 (C)	dead	9002*1.00+4014*0.40+5002*0.75+6102*0.50
31691 (C)	dead	9002*1.00+4014*0.40+5002*0.75+6103*0.50
31692 (C)	dead	9002*1.00+4014*0.40+5002*0.75+6104*0.50
31693 (C)	dead	9002*1.00+4014*0.40+5002*0.75+6105*0.50
31694 (C)	dead	9002*1.00+4014*0.40+5002*0.75+6106*0.50
31695 (C)	dead	9002*1.00+4014*0.40+5002*0.75+6107*0.50

Combinations	Case nature	Definition
31696 (C)	dead	9002*1.00+4014*0.40+5002*0.75+6108*0.50
31697 (C)	dead	9002*1.00+4014*0.40+5003*0.75+6101*0.50
31698 (C)	dead	9002*1.00+4014*0.40+5003*0.75+6102*0.50
31699 (C)	dead	9002*1.00+4014*0.40+5003*0.75+6103*0.50
31700 (C)	dead	9002*1.00+4014*0.40+5003*0.75+6104*0.50
31701 (C)	dead	9002*1.00+4014*0.40+5003*0.75+6105*0.50
31702 (C)	dead	9002*1.00+4014*0.40+5003*0.75+6106*0.50
31703 (C)	dead	9002*1.00+4014*0.40+5003*0.75+6107*0.50
31704 (C)	dead	9002*1.00+4014*0.40+5003*0.75+6108*0.50
31705 (C)	dead	9002*1.00+4014*0.40+5004*0.75+6101*0.50
31706 (C)	dead	9002*1.00+4014*0.40+5004*0.75+6102*0.50
31707 (C)	dead	9002*1.00+4014*0.40+5004*0.75+6103*0.50
31708 (C)	dead	9002*1.00+4014*0.40+5004*0.75+6104*0.50
31709 (C)	dead	9002*1.00+4014*0.40+5004*0.75+6105*0.50
31710 (C)	dead	9002*1.00+4014*0.40+5004*0.75+6106*0.50
31711 (C)	dead	9002*1.00+4014*0.40+5004*0.75+6107*0.50
31712 (C)	dead	9002*1.00+4014*0.40+5004*0.75+6108*0.50
31713 (C)	dead	9002*1.00+4014*0.40+5005*0.75+6101*0.50
31714 (C)	dead	9002*1.00+4014*0.40+5005*0.75+6102*0.50
31715 (C)	dead	9002*1.00+4014*0.40+5005*0.75+6103*0.50
31716 (C)	dead	9002*1.00+4014*0.40+5005*0.75+6104*0.50
31717 (C)	dead	9002*1.00+4014*0.40+5005*0.75+6105*0.50
31718 (C)	dead	9002*1.00+4014*0.40+5005*0.75+6106*0.50
31719 (C)	dead	9002*1.00+4014*0.40+5005*0.75+6107*0.50
31720 (C)	dead	9002*1.00+4014*0.40+5005*0.75+6108*0.50
31721 (C)	dead	9002*1.00+4014*0.40+5006*0.75+6101*0.50
31722 (C)	dead	9002*1.00+4014*0.40+5006*0.75+6102*0.50
31723 (C)	dead	9002*1.00+4014*0.40+5006*0.75+6103*0.50
31724 (C)	dead	9002*1.00+4014*0.40+5006*0.75+6104*0.50
31725 (C)	dead	9002*1.00+4014*0.40+5006*0.75+6105*0.50
31726 (C)	dead	9002*1.00+4014*0.40+5006*0.75+6106*0.50
31727 (C)	dead	9002*1.00+4014*0.40+5006*0.75+6107*0.50
31728 (C)	dead	9002*1.00+4014*0.40+5006*0.75+6108*0.50
31729 (C)	dead	9002*1.00+4014*0.40+5007*0.75+6101*0.50
31730 (C)	dead	9002*1.00+4014*0.40+5007*0.75+6102*0.50
31731 (C)	dead	9002*1.00+4014*0.40+5007*0.75+6103*0.50
31732 (C)	dead	9002*1.00+4014*0.40+5007*0.75+6104*0.50
31733 (C)	dead	9002*1.00+4014*0.40+5007*0.75+6105*0.50
31734 (C)	dead	9002*1.00+4014*0.40+5007*0.75+6106*0.50
31735 (C)	dead	9002*1.00+4014*0.40+5007*0.75+6107*0.50
31736 (C)	dead	9002*1.00+4014*0.40+5007*0.75+6108*0.50
31737 (C)	dead	9002*1.00+4015*0.40+5001*0.75+6101*0.50
31738 (C)	dead	9002*1.00+4015*0.40+5001*0.75+6102*0.50
31739 (C)	dead	9002*1.00+4015*0.40+5001*0.75+6103*0.50
31740 (C)	dead	9002*1.00+4015*0.40+5001*0.75+6104*0.50
31741 (C)	dead	9002*1.00+4015*0.40+5001*0.75+6105*0.50
31742 (C)	dead	9002*1.00+4015*0.40+5001*0.75+6106*0.50
31743 (C)	dead	9002*1.00+4015*0.40+5001*0.75+6107*0.50
31744 (C)	dead	9002*1.00+4015*0.40+5001*0.75+6108*0.50
31745 (C)	dead	9002*1.00+4015*0.40+5002*0.75+6101*0.50
31746 (C)	dead	9002*1.00+4015*0.40+5002*0.75+6102*0.50
31747 (C)	dead	9002*1.00+4015*0.40+5002*0.75+6103*0.50

Combinations	Case nature	Definition
31748 (C)	dead	9002*1.00+4015*0.40+5002*0.75+6104*0.50
31749 (C)	dead	9002*1.00+4015*0.40+5002*0.75+6105*0.50
31750 (C)	dead	9002*1.00+4015*0.40+5002*0.75+6106*0.50
31751 (C)	dead	9002*1.00+4015*0.40+5002*0.75+6107*0.50
31752 (C)	dead	9002*1.00+4015*0.40+5002*0.75+6108*0.50
31753 (C)	dead	9002*1.00+4015*0.40+5003*0.75+6101*0.50
31754 (C)	dead	9002*1.00+4015*0.40+5003*0.75+6102*0.50
31755 (C)	dead	9002*1.00+4015*0.40+5003*0.75+6103*0.50
31756 (C)	dead	9002*1.00+4015*0.40+5003*0.75+6104*0.50
31757 (C)	dead	9002*1.00+4015*0.40+5003*0.75+6105*0.50
31758 (C)	dead	9002*1.00+4015*0.40+5003*0.75+6106*0.50
31759 (C)	dead	9002*1.00+4015*0.40+5003*0.75+6107*0.50
31760 (C)	dead	9002*1.00+4015*0.40+5003*0.75+6108*0.50
31761 (C)	dead	9002*1.00+4015*0.40+5004*0.75+6101*0.50
31762 (C)	dead	9002*1.00+4015*0.40+5004*0.75+6102*0.50
31763 (C)	dead	9002*1.00+4015*0.40+5004*0.75+6103*0.50
31764 (C)	dead	9002*1.00+4015*0.40+5004*0.75+6104*0.50
31765 (C)	dead	9002*1.00+4015*0.40+5004*0.75+6105*0.50
31766 (C)	dead	9002*1.00+4015*0.40+5004*0.75+6106*0.50
31767 (C)	dead	9002*1.00+4015*0.40+5004*0.75+6107*0.50
31768 (C)	dead	9002*1.00+4015*0.40+5004*0.75+6108*0.50
31769 (C)	dead	9002*1.00+4015*0.40+5005*0.75+6101*0.50
31770 (C)	dead	9002*1.00+4015*0.40+5005*0.75+6102*0.50
31771 (C)	dead	9002*1.00+4015*0.40+5005*0.75+6103*0.50
31772 (C)	dead	9002*1.00+4015*0.40+5005*0.75+6104*0.50
31773 (C)	dead	9002*1.00+4015*0.40+5005*0.75+6105*0.50
31774 (C)	dead	9002*1.00+4015*0.40+5005*0.75+6106*0.50
31775 (C)	dead	9002*1.00+4015*0.40+5005*0.75+6107*0.50
31776 (C)	dead	9002*1.00+4015*0.40+5005*0.75+6108*0.50
31777 (C)	dead	9002*1.00+4015*0.40+5006*0.75+6101*0.50
31778 (C)	dead	9002*1.00+4015*0.40+5006*0.75+6102*0.50
31779 (C)	dead	9002*1.00+4015*0.40+5006*0.75+6103*0.50
31780 (C)	dead	9002*1.00+4015*0.40+5006*0.75+6104*0.50
31781 (C)	dead	9002*1.00+4015*0.40+5006*0.75+6105*0.50
31782 (C)	dead	9002*1.00+4015*0.40+5006*0.75+6106*0.50
31783 (C)	dead	9002*1.00+4015*0.40+5006*0.75+6107*0.50
31784 (C)	dead	9002*1.00+4015*0.40+5006*0.75+6108*0.50
31785 (C)	dead	9002*1.00+4015*0.40+5007*0.75+6101*0.50
31786 (C)	dead	9002*1.00+4015*0.40+5007*0.75+6102*0.50
31787 (C)	dead	9002*1.00+4015*0.40+5007*0.75+6103*0.50
31788 (C)	dead	9002*1.00+4015*0.40+5007*0.75+6104*0.50
31789 (C)	dead	9002*1.00+4015*0.40+5007*0.75+6105*0.50
31790 (C)	dead	9002*1.00+4015*0.40+5007*0.75+6106*0.50
31791 (C)	dead	9002*1.00+4015*0.40+5007*0.75+6107*0.50
31792 (C)	dead	9002*1.00+4015*0.40+5007*0.75+6108*0.50
31793 (C)	dead	9001*1.00+6101*0.60
31794 (C)	dead	9001*1.00+6102*0.60
31795 (C)	dead	9001*1.00+6103*0.60
31796 (C)	dead	9001*1.00+6104*0.60
31797 (C)	dead	9001*1.00+6105*0.60
31798 (C)	dead	9001*1.00+6106*0.60
31799 (C)	dead	9001*1.00+6107*0.60

Combinations	Case nature	Definition
31800 (C)	dead	9001*1.00+6108*0.60
31801 (C)	dead	9002*1.00+6101*0.60
31802 (C)	dead	9002*1.00+6102*0.60
31803 (C)	dead	9002*1.00+6103*0.60
31804 (C)	dead	9002*1.00+6104*0.60
31805 (C)	dead	9002*1.00+6105*0.60
31806 (C)	dead	9002*1.00+6106*0.60
31807 (C)	dead	9002*1.00+6107*0.60
31808 (C)	dead	9002*1.00+6108*0.60
31809 (C)	dead	9001*1.00+7011*0.20
31810 (C)	dead	9001*1.00+7012*0.20
31811 (C)	dead	9001*1.00+7013*0.20
31812 (C)	dead	9001*1.00+7014*0.20
31813 (C)	dead	9002*1.00+7011*0.20
31814 (C)	dead	9002*1.00+7012*0.20
31815 (C)	dead	9002*1.00+7013*0.20
31816 (C)	dead	9002*1.00+7014*0.20
40001 (C)	Structural	9001*1.00+6101*0.50
40002 (C)		9001*1.00+6102*0.50
40003 (C)		9001*1.00+6103*0.50
40004 (C)		9001*1.00+6104*0.50
40005 (C)		9001*1.00+6105*0.50
40006 (C)		9001*1.00+6106*0.50
40007 (C)		9001*1.00+6107*0.50
40008 (C)		9001*1.00+6108*0.50
40009 (C)		9002*1.00+6101*0.50
40010 (C)		9002*1.00+6102*0.50
40011 (C)		9002*1.00+6103*0.50
40012 (C)		9002*1.00+6104*0.50
40013 (C)		9002*1.00+6105*0.50
40014 (C)		9002*1.00+6106*0.50
40015 (C)		9002*1.00+6107*0.50
40016 (C)		9002*1.00+6108*0.50

Members - Definition

Member	Name	Components	Code group
1101	DIM_TABLERO_1101	1101	(N/A)
1102	DIM_TABLERO_1102	1102	(N/A)
1103	DIM_TABLERO_1103	1103	(N/A)
1104	DIM_TABLERO_1104	1104	(N/A)
1105	DIM_TABLERO_1105	1105	(N/A)
1106	DIM_TABLERO_1106	1106	(N/A)
1107	DIM_TABLERO_1107	1107	(N/A)
1108	DIM_TABLERO_1108	1108	(N/A)
1109	DIM_TABLERO_1109	1109	(N/A)
1110	DIM_TABLERO_1110	1110	(N/A)
1111	DIM_TABLERO_1111	1111	(N/A)
1112	DIM_TABLERO_1112	1112	(N/A)
1113	DIM_TABLERO_1113	1113	(N/A)
1114	DIM_TABLERO_1114	1114	(N/A)
1115	DIM_TABLERO_1115	1115	(N/A)
1116	DIM_TABLERO_1116	1116	(N/A)
1117	DIM_TABLERO_1117	1117	(N/A)
1118	DIM_TABLERO_1118	1118	(N/A)
1119	DIM_TABLERO_1119	1119	(N/A)
1120	DIM_TABLERO_1120	1120	(N/A)
1121	DIM_TABLERO_1121	1121	(N/A)
1122	DIM_TABLERO_1122	1122	(N/A)
1123	DIM_TABLERO_1123	1123	(N/A)
1124	DIM_TABLERO_1124	1124	(N/A)
1125	DIM_TABLERO_1125	1125	(N/A)
1126	DIM_TABLERO_1126	1126	(N/A)
1127	DIM_TABLERO_1127	1127	(N/A)
1128	DIM_TABLERO_1128	1128	(N/A)
1129	DIM_TABLERO_1129	1129	(N/A)
1130	DIM_TABLERO_1130	1130	(N/A)
1131	DIM_TABLERO_1131	1131	(N/A)
1132	DIM_TABLERO_1132	1132	(N/A)
1133	DIM_TABLERO_1133	1133	(N/A)
1134	DIM_TABLERO_1134	1134	(N/A)
1135	DIM_TABLERO_1135	1135	(N/A)
1136	DIM_TABLERO_1136	1136	(N/A)
1137	DIM_TABLERO_1137	1137	(N/A)
1138	DIM_TABLERO_1138	1138	(N/A)
1139	DIM_TABLERO_1139	1139	(N/A)
1140	DIM_TABLERO_1140	1140	(N/A)
1141	DIM_TABLERO_1141	1141	(N/A)
1142	DIM_TABLERO_1142	1142	(N/A)
1143	DIM_TABLERO_1143	1143	(N/A)
1144	DIM_TABLERO_1144	1144	(N/A)
1145	DIM_TABLERO_1145	1145	(N/A)
1146	DIM_TABLERO_1146	1146	(N/A)
1147	DIM_TABLERO_1147	1147	(N/A)
1148	DIM_TABLERO_1148	1148	(N/A)

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

Member	Name	Components	Code group
1149	DIM_TABLERO_1149	1149	(N/A)
1150	DIM_TABLERO_1150	1150	(N/A)
1151	DIM_TABLERO_1151	1151	(N/A)
1152	DIM_TABLERO_1152	1152	(N/A)
1153	DIM_TABLERO_1153	1153	(N/A)
1154	DIM_TABLERO_1154	1154	(N/A)
1155	DIM_TABLERO_1155	1155	(N/A)
1156	DIM_TABLERO_1156	1156	(N/A)
1157	DIM_TABLERO_1157	1157	(N/A)
1158	DIM_TABLERO_1158	1158	(N/A)
1159	DIM_TABLERO_1159	1159	(N/A)
1160	DIM_TABLERO_1160	1160	(N/A)
1161	DIM_TABLERO_1161	1161	(N/A)
1162	DIM_TABLERO_1162	1162	(N/A)
1163	DIM_TABLERO_1163	1163	(N/A)
1164	DIM_TABLERO_1164	1164	(N/A)
1165	DIM_TABLERO_1165	1165	(N/A)
1166	DIM_TABLERO_1166	1166	(N/A)
1167	DIM_TABLERO_1167	1167	(N/A)
1168	DIM_TABLERO_1168	1168	(N/A)
1169	DIM_TABLERO_1169	1169	(N/A)
1170	DIM_TABLERO_1170	1170	(N/A)
1171	DIM_TABLERO_1171	1171	(N/A)
1172	DIM_TABLERO_1172	1172	(N/A)
1201	DIM_ARCO-01_1201	1201	(N/A)
1202	DIM_ARCO-01_1202	1202	(N/A)
1203	DIM_ARCO-01_1203	1203	(N/A)
1204	DIM_ARCO-01_1204	1204	(N/A)
1205	DIM_ARCO-01_1205	1205	(N/A)
1206	DIM_ARCO-01_1206	1206	(N/A)
1207	DIM_ARCO-01_1207	1207	(N/A)
1208	DIM_ARCO-01_1208	1208	(N/A)
1209	DIM_ARCO-01_1209	1209	(N/A)
1210	DIM_ARCO-01_1210	1210	(N/A)
1211	DIM_ARCO-01_1211	1211	(N/A)
1212	DIM_ARCO-01_1212	1212	(N/A)
1213	DIM_ARCO-02_1213	1213	(N/A)
1214	DIM_ARCO-02_1214	1214	(N/A)
1215	DIM_ARCO-02_1215	1215	(N/A)
1216	DIM_ARCO-02_1216	1216	(N/A)
1217	DIM_ARCO-02_1217	1217	(N/A)
1218	DIM_ARCO-02_1218	1218	(N/A)
1219	DIM_ARCO-03_1219	1219	(N/A)
1220	DIM_ARCO-03_1220	1220	(N/A)
1221	DIM_ARCO-03_1221	1221	(N/A)
1222	DIM_ARCO-03_1222	1222	(N/A)
1223	DIM_ARCO-03_1223	1223	(N/A)
1224	DIM_ARCO-03_1224	1224	(N/A)
1225	DIM_ARCO-04_1225	1225	(N/A)
1226	DIM_ARCO-04_1226	1226	(N/A)
1227	DIM_ARCO-04_1227	1227	(N/A)

Member	Name	Components	Code group
1228	DIM_ARCO-04_1228	1228	(N/A)
1229	DIM_ARCO-04_1229	1229	(N/A)
1230	DIM_ARCO-04_1230	1230	(N/A)
1231	DIM_ARCO-05_1231	1231	(N/A)
1232	DIM_ARCO-05_1232	1232	(N/A)
1233	DIM_ARCO-05_1233	1233	(N/A)
1234	DIM_ARCO-05_1234	1234	(N/A)
1235	DIM_ARCO-05_1235	1235	(N/A)
1236	DIM_ARCO-05_1236	1236	(N/A)
1237	DIM_ARCO-05_1237	1237	(N/A)
1238	DIM_ARCO-05_1238	1238	(N/A)
1239	DIM_ARCO-05_1239	1239	(N/A)
1240	DIM_ARCO-05_1240	1240	(N/A)
1241	DIM_ARCO-05_1241	1241	(N/A)
1242	DIM_ARCO-05_1242	1242	(N/A)
1243	DIM_ARCO-04_1243	1243	(N/A)
1244	DIM_ARCO-04_1244	1244	(N/A)
1245	DIM_ARCO-04_1245	1245	(N/A)
1246	DIM_ARCO-04_1246	1246	(N/A)
1247	DIM_ARCO-04_1247	1247	(N/A)
1248	DIM_ARCO-04_1248	1248	(N/A)
1249	DIM_ARCO-03_1249	1249	(N/A)
1250	DIM_ARCO-03_1250	1250	(N/A)
1251	DIM_ARCO-03_1251	1251	(N/A)
1252	DIM_ARCO-03_1252	1252	(N/A)
1253	DIM_ARCO-03_1253	1253	(N/A)
1254	DIM_ARCO-03_1254	1254	(N/A)
1255	DIM_ARCO-02_1255	1255	(N/A)
1256	DIM_ARCO-02_1256	1256	(N/A)
1257	DIM_ARCO-02_1257	1257	(N/A)
1258	DIM_ARCO-02_1258	1258	(N/A)
1259	DIM_ARCO-02_1259	1259	(N/A)
1260	DIM_ARCO-02_1260	1260	(N/A)
1261	DIM_ARCO-01_1261	1261	(N/A)
1262	DIM_ARCO-01_1262	1262	(N/A)
1263	DIM_ARCO-01_1263	1263	(N/A)
1264	DIM_ARCO-01_1264	1264	(N/A)
1265	DIM_ARCO-01_1265	1265	(N/A)
1266	DIM_ARCO-01_1266	1266	(N/A)
1267	DIM_ARCO-01_1267	1267	(N/A)
1268	DIM_ARCO-01_1268	1268	(N/A)
1269	DIM_ARCO-01_1269	1269	(N/A)
1270	DIM_ARCO-01_1270	1270	(N/A)
1271	DIM_ARCO-01_1271	1271	(N/A)
1272	DIM_ARCO-01_1272	1272	(N/A)
1290	1290	1201to1212	(N/A)
1291	1291	1213to1218	(N/A)
1292	1292	1219to1224	(N/A)
1293	1293	1225to1230	(N/A)
1294	1294	1231to1236	(N/A)
1295	1295	1237to1242	(N/A)

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Member	Name	Components	Code group
1296	1296	1243to1248	(N/A)
1297	1297	1249to1254	(N/A)
1298	1298	1255to1260	(N/A)
1299	1299	1261to1272	(N/A)
1301	DIM_PEND_1301	1301	(N/A)
1302	DIM_PEND_1302	1302	(N/A)
1303	DIM_PEND_1303	1303	(N/A)
1304	DIM_PEND_1304	1304	(N/A)
1305	DIM_PEND_1305	1305	(N/A)
1306	DIM_PEND_1306	1306	(N/A)
1307	DIM_PEND_1307	1307	(N/A)
1308	DIM_PEND_1308	1308	(N/A)
1309	DIM_PEND_1309	1309	(N/A)
1310	DIM_PEND_1310	1310	(N/A)
1311	DIM_PEND_1311	1311	(N/A)
1411		1411	(N/A)
1412		1412	(N/A)
1421		1421	(N/A)
1422		1422	(N/A)
1431		1431	(N/A)
1432		1432	(N/A)
1441		1441	(N/A)
1442		1442	(N/A)
1451		1451	(N/A)
1452		1452	(N/A)
1461		1461	(N/A)
1462		1462	(N/A)
1471		1471	(N/A)
1472		1472	(N/A)
1481		1481	(N/A)
1482		1482	(N/A)
2101	DIM_TABLERO_2101	2101	(N/A)
2102	DIM_TABLERO_2102	2102	(N/A)
2103	DIM_TABLERO_2103	2103	(N/A)
2104	DIM_TABLERO_2104	2104	(N/A)
2105	DIM_TABLERO_2105	2105	(N/A)
2106	DIM_TABLERO_2106	2106	(N/A)
2107	DIM_TABLERO_2107	2107	(N/A)
2108	DIM_TABLERO_2108	2108	(N/A)
2109	DIM_TABLERO_2109	2109	(N/A)
2110	DIM_TABLERO_2110	2110	(N/A)
2111	DIM_TABLERO_2111	2111	(N/A)
2112	DIM_TABLERO_2112	2112	(N/A)
2113	DIM_TABLERO_2113	2113	(N/A)
2114	DIM_TABLERO_2114	2114	(N/A)
2115	DIM_TABLERO_2115	2115	(N/A)
2116	DIM_TABLERO_2116	2116	(N/A)
2117	DIM_TABLERO_2117	2117	(N/A)
2118	DIM_TABLERO_2118	2118	(N/A)
2119	DIM_TABLERO_2119	2119	(N/A)
2120	DIM_TABLERO_2120	2120	(N/A)

Member	Name	Components	Code group
2121	DIM_TABLERO_2121	2121	(N/A)
2122	DIM_TABLERO_2122	2122	(N/A)
2123	DIM_TABLERO_2123	2123	(N/A)
2124	DIM_TABLERO_2124	2124	(N/A)
2125	DIM_TABLERO_2125	2125	(N/A)
2126	DIM_TABLERO_2126	2126	(N/A)
2127	DIM_TABLERO_2127	2127	(N/A)
2128	DIM_TABLERO_2128	2128	(N/A)
2129	DIM_TABLERO_2129	2129	(N/A)
2130	DIM_TABLERO_2130	2130	(N/A)
2131	DIM_TABLERO_2131	2131	(N/A)
2132	DIM_TABLERO_2132	2132	(N/A)
2133	DIM_TABLERO_2133	2133	(N/A)
2134	DIM_TABLERO_2134	2134	(N/A)
2135	DIM_TABLERO_2135	2135	(N/A)
2136	DIM_TABLERO_2136	2136	(N/A)
2137	DIM_TABLERO_2137	2137	(N/A)
2138	DIM_TABLERO_2138	2138	(N/A)
2139	DIM_TABLERO_2139	2139	(N/A)
2140	DIM_TABLERO_2140	2140	(N/A)
2141	DIM_TABLERO_2141	2141	(N/A)
2142	DIM_TABLERO_2142	2142	(N/A)
2143	DIM_TABLERO_2143	2143	(N/A)
2144	DIM_TABLERO_2144	2144	(N/A)
2145	DIM_TABLERO_2145	2145	(N/A)
2146	DIM_TABLERO_2146	2146	(N/A)
2147	DIM_TABLERO_2147	2147	(N/A)
2148	DIM_TABLERO_2148	2148	(N/A)
2149	DIM_TABLERO_2149	2149	(N/A)
2150	DIM_TABLERO_2150	2150	(N/A)
2151	DIM_TABLERO_2151	2151	(N/A)
2152	DIM_TABLERO_2152	2152	(N/A)
2153	DIM_TABLERO_2153	2153	(N/A)
2154	DIM_TABLERO_2154	2154	(N/A)
2155	DIM_TABLERO_2155	2155	(N/A)
2156	DIM_TABLERO_2156	2156	(N/A)
2157	DIM_TABLERO_2157	2157	(N/A)
2158	DIM_TABLERO_2158	2158	(N/A)
2159	DIM_TABLERO_2159	2159	(N/A)
2160	DIM_TABLERO_2160	2160	(N/A)
2161	DIM_TABLERO_2161	2161	(N/A)
2162	DIM_TABLERO_2162	2162	(N/A)
2163	DIM_TABLERO_2163	2163	(N/A)
2164	DIM_TABLERO_2164	2164	(N/A)
2165	DIM_TABLERO_2165	2165	(N/A)
2166	DIM_TABLERO_2166	2166	(N/A)
2167	DIM_TABLERO_2167	2167	(N/A)
2168	DIM_TABLERO_2168	2168	(N/A)
2169	DIM_TABLERO_2169	2169	(N/A)
2170	DIM_TABLERO_2170	2170	(N/A)
2171	DIM_TABLERO_2171	2171	(N/A)

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Member	Name	Components	Code group
2172	DIM_TABLERO_2172	2172	(N/A)
2201	DIM_ARCO-01_2201	2201	(N/A)
2202	DIM_ARCO-01_2202	2202	(N/A)
2203	DIM_ARCO-01_2203	2203	(N/A)
2204	DIM_ARCO-01_2204	2204	(N/A)
2205	DIM_ARCO-01_2205	2205	(N/A)
2206	DIM_ARCO-01_2206	2206	(N/A)
2207	DIM_ARCO-01_2207	2207	(N/A)
2208	DIM_ARCO-01_2208	2208	(N/A)
2209	DIM_ARCO-01_2209	2209	(N/A)
2210	DIM_ARCO-01_2210	2210	(N/A)
2211	DIM_ARCO-01_2211	2211	(N/A)
2212	DIM_ARCO-01_2212	2212	(N/A)
2213	DIM_ARCO-02_2213	2213	(N/A)
2214	DIM_ARCO-02_2214	2214	(N/A)
2215	DIM_ARCO-02_2215	2215	(N/A)
2216	DIM_ARCO-02_2216	2216	(N/A)
2217	DIM_ARCO-02_2217	2217	(N/A)
2218	DIM_ARCO-02_2218	2218	(N/A)
2219	DIM_ARCO-03_2219	2219	(N/A)
2220	DIM_ARCO-03_2220	2220	(N/A)
2221	DIM_ARCO-03_2221	2221	(N/A)
2222	DIM_ARCO-03_2222	2222	(N/A)
2223	DIM_ARCO-03_2223	2223	(N/A)
2224	DIM_ARCO-03_2224	2224	(N/A)
2225	DIM_ARCO-04_2225	2225	(N/A)
2226	DIM_ARCO-04_2226	2226	(N/A)
2227	DIM_ARCO-04_2227	2227	(N/A)
2228	DIM_ARCO-04_2228	2228	(N/A)
2229	DIM_ARCO-04_2229	2229	(N/A)
2230	DIM_ARCO-04_2230	2230	(N/A)
2231	DIM_ARCO-05_2231	2231	(N/A)
2232	DIM_ARCO-05_2232	2232	(N/A)
2233	DIM_ARCO-05_2233	2233	(N/A)
2234	DIM_ARCO-05_2234	2234	(N/A)
2235	DIM_ARCO-05_2235	2235	(N/A)
2236	DIM_ARCO-05_2236	2236	(N/A)
2237	DIM_ARCO-05_2237	2237	(N/A)
2238	DIM_ARCO-05_2238	2238	(N/A)
2239	DIM_ARCO-05_2239	2239	(N/A)
2240	DIM_ARCO-05_2240	2240	(N/A)
2241	DIM_ARCO-05_2241	2241	(N/A)
2242	DIM_ARCO-05_2242	2242	(N/A)
2243	DIM_ARCO-04_2243	2243	(N/A)
2244	DIM_ARCO-04_2244	2244	(N/A)
2245	DIM_ARCO-04_2245	2245	(N/A)
2246	DIM_ARCO-04_2246	2246	(N/A)
2247	DIM_ARCO-04_2247	2247	(N/A)
2248	DIM_ARCO-04_2248	2248	(N/A)
2249	DIM_ARCO-03_2249	2249	(N/A)
2250	DIM_ARCO-03_2250	2250	(N/A)

Member	Name	Components	Code group
2251	DIM_ARCO-03_2251	2251	(N/A)
2252	DIM_ARCO-03_2252	2252	(N/A)
2253	DIM_ARCO-03_2253	2253	(N/A)
2254	DIM_ARCO-03_2254	2254	(N/A)
2255	DIM_ARCO-02_2255	2255	(N/A)
2256	DIM_ARCO-02_2256	2256	(N/A)
2257	DIM_ARCO-02_2257	2257	(N/A)
2258	DIM_ARCO-02_2258	2258	(N/A)
2259	DIM_ARCO-02_2259	2259	(N/A)
2260	DIM_ARCO-02_2260	2260	(N/A)
2261	DIM_ARCO-01_2261	2261	(N/A)
2262	DIM_ARCO-01_2262	2262	(N/A)
2263	DIM_ARCO-01_2263	2263	(N/A)
2264	DIM_ARCO-01_2264	2264	(N/A)
2265	DIM_ARCO-01_2265	2265	(N/A)
2266	DIM_ARCO-01_2266	2266	(N/A)
2267	DIM_ARCO-01_2267	2267	(N/A)
2268	DIM_ARCO-01_2268	2268	(N/A)
2269	DIM_ARCO-01_2269	2269	(N/A)
2270	DIM_ARCO-01_2270	2270	(N/A)
2271	DIM_ARCO-01_2271	2271	(N/A)
2272	DIM_ARCO-01_2272	2272	(N/A)
2290	2290	2201to2212	(N/A)
2291	2291	2213to2218	(N/A)
2292	2292	2219to2224	(N/A)
2293	2293	2225to2230	(N/A)
2294	2294	2231to2236	(N/A)
2295	2295	2237to2242	(N/A)
2296	2296	2243to2248	(N/A)
2297	2297	2249to2254	(N/A)
2298	2298	2255to2260	(N/A)
2299	2299	2261to2272	(N/A)
2301	DIM_PEND_2301	2301	(N/A)
2302	DIM_PEND_2302	2302	(N/A)
2303	DIM_PEND_2303	2303	(N/A)
2304	DIM_PEND_2304	2304	(N/A)
2305	DIM_PEND_2305	2305	(N/A)
2306	DIM_PEND_2306	2306	(N/A)
2307	DIM_PEND_2307	2307	(N/A)
2308	DIM_PEND_2308	2308	(N/A)
2309	DIM_PEND_2309	2309	(N/A)
2310	DIM_PEND_2310	2310	(N/A)
2311	DIM_PEND_2311	2311	(N/A)
2411	DIM_DIAG-01_2411	2411	(N/A)
2412	DIM_DIAG-02_2412	2412	(N/A)
2421	DIM_DIAG-03_2421	2421	(N/A)
2422	DIM_DIAG-04_2422	2422	(N/A)
2431	DIM_DIAG-05_2431	2431	(N/A)
2432	DIM_DIAG-06_2432	2432	(N/A)
2441	DIM_DIAG-07_2441	2441	(N/A)
2442	DIM_DIAG-08_2442	2442	(N/A)

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2451	DIM_DIAG-07_2451	2451	(N/A)
2452	DIM_DIAG-08_2452	2452	(N/A)
2461	DIM_DIAG-05_2461	2461	(N/A)
2462	DIM_DIAG-06_2462	2462	(N/A)
2471	DIM_DIAG-03_2471	2471	(N/A)
2472	DIM_DIAG-04_2472	2472	(N/A)
2481	DIM_DIAG-01_2481	2481	(N/A)
2482	DIM_DIAG-02_2482	2482	(N/A)
3011	_3011	3011	(N/A)
3012	_3012	3012	(N/A)
3013	_3013	3013	(N/A)
3031	_3031	3031	(N/A)
3032	_3032	3032	(N/A)
3033	_3033	3033	(N/A)
3051	_3051	3051	(N/A)
3052	_3052	3052	(N/A)
3053	_3053	3053	(N/A)
3071	_3071	3071	(N/A)
3072	_3072	3072	(N/A)
3073	_3073	3073	(N/A)
3091	_3091	3091	(N/A)
3092	_3092	3092	(N/A)
3093	_3093	3093	(N/A)
3111	_3111	3111	(N/A)
3112	_3112	3112	(N/A)
3113	_3113	3113	(N/A)
3131	_3131	3131	(N/A)
3132	_3132	3132	(N/A)
3133	_3133	3133	(N/A)
3151	_3151	3151	(N/A)
3152	_3152	3152	(N/A)
3153	_3153	3153	(N/A)
3171	_3171	3171	(N/A)
3172	_3172	3172	(N/A)
3173	_3173	3173	(N/A)
3191	_3191	3191	(N/A)
3192	_3192	3192	(N/A)
3193	_3193	3193	(N/A)
3211	_3211	3211	(N/A)
3212	_3212	3212	(N/A)
3213	_3213	3213	(N/A)
3231	_3231	3231	(N/A)
3232	_3232	3232	(N/A)
3233	_3233	3233	(N/A)
3251	_3251	3251	(N/A)
3252	_3252	3252	(N/A)
3253	_3253	3253	(N/A)
4101	DIM_TAB-ARRX_4101	4101	(N/A)
4102	DIM_TAB-ARRX_4102	4102	(N/A)
4103	DIM_TAB-ARRX_4103	4103	(N/A)
4104	DIM_TAB-ARRX_4104	4104	(N/A)

Member	Name	Components	Code group
4105	DIM_TAB-ARRX_4105	4105	(N/A)
4106	DIM_TAB-ARRX_4106	4106	(N/A)
4107	DIM_TAB-ARRX_4107	4107	(N/A)
4108	DIM_TAB-ARRX_4108	4108	(N/A)
4109	DIM_TAB-ARRX_4109	4109	(N/A)
4110	DIM_TAB-ARRX_4110	4110	(N/A)
4111	DIM_TAB-ARRX_4111	4111	(N/A)
4112	DIM_TAB-ARRX_4112	4112	(N/A)
4201	DIM_TAB-ARRX_4201	4201	(N/A)
4202	DIM_TAB-ARRX_4202	4202	(N/A)
4203	DIM_TAB-ARRX_4203	4203	(N/A)
4204	DIM_TAB-ARRX_4204	4204	(N/A)
4205	DIM_TAB-ARRX_4205	4205	(N/A)
4206	DIM_TAB-ARRX_4206	4206	(N/A)
4207	DIM_TAB-ARRX_4207	4207	(N/A)
4208	DIM_TAB-ARRX_4208	4208	(N/A)
4209	DIM_TAB-ARRX_4209	4209	(N/A)
4210	DIM_TAB-ARRX_4210	4210	(N/A)
4211	DIM_TAB-ARRX_4211	4211	(N/A)
4212	DIM_TAB-ARRX_4212	4212	(N/A)
4213	DIM_TAB-ARRX_4213	4213	(N/A)
4214	DIM_TAB-ARRX_4214	4214	(N/A)
4215	DIM_TAB-ARRX_4215	4215	(N/A)
4216	DIM_TAB-ARRX_4216	4216	(N/A)
4217	DIM_TAB-ARRX_4217	4217	(N/A)
4218	DIM_TAB-ARRX_4218	4218	(N/A)
4219	DIM_TAB-ARRX_4219	4219	(N/A)
4220	DIM_TAB-ARRX_4220	4220	(N/A)
4221	DIM_TAB-ARRX_4221	4221	(N/A)
4222	DIM_TAB-ARRX_4222	4222	(N/A)
4223	DIM_TAB-ARRX_4223	4223	(N/A)
4224	DIM_TAB-ARRX_4224	4224	(N/A)
5001	DIM_ARCO-ARRIOSTRAM_5001	5001	(N/A)
5002	DIM_ARCO-ARRIOSTRAM_5002	5002	(N/A)
5003	DIM_ARCO-ARRIOSTRAM_5003	5003	(N/A)
5004	DIM_ARCO-ARRIOSTRAM_5004	5004	(N/A)
9911	_9911	9911	(N/A)
9912	_9912	9912	(N/A)
9913	_9913	9913	(N/A)
9914	_9914	9914	(N/A)
9915	_9915	9915	(N/A)
9916	_9916	9916	(N/A)
9917	_9917	9917	(N/A)
9921	_9921	9921	(N/A)
9922	_9922	9922	(N/A)
9923	_9923	9923	(N/A)
9924	_9924	9924	(N/A)
9925	_9925	9925	(N/A)
9926	_9926	9926	(N/A)
9927	_9927	9927	(N/A)

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Member	Section	Type	Ly (m)	Lz (m)
1101	TABLERO-ARR	DIM_TABLERO	0.595	0.595
1102	TABLERO-ARR	DIM_TABLERO	0.595	0.595
1103	TABLERO-ARR	DIM_TABLERO	0.596	0.596
1104	TABLERO-ARR	DIM_TABLERO	0.595	0.595
1105	TABLERO-ARR	DIM_TABLERO	0.595	0.595
1106	TABLERO-ARR	DIM_TABLERO	0.595	0.595
1107	TABLERO-ARR	DIM_TABLERO	0.599	0.599
1108	TABLERO-ARR	DIM_TABLERO	0.598	0.598
1109	TABLERO-ARR	DIM_TABLERO	0.599	0.599
1110	TABLERO-ARR	DIM_TABLERO	0.598	0.598
1111	TABLERO-ARR	DIM_TABLERO	0.599	0.599
1112	TABLERO-ARR	DIM_TABLERO	0.597	0.597
1113	TABLERO-ARR	DIM_TABLERO	0.608	0.608
1114	TABLERO-ARR	DIM_TABLERO	0.609	0.609
1115	TABLERO-ARR	DIM_TABLERO	0.608	0.608
1116	TABLERO-01	DIM_TABLERO	0.608	0.608
1117	TABLERO-01	DIM_TABLERO	0.609	0.609
1118	TABLERO-01	DIM_TABLERO	0.608	0.608
1119	TABLERO-01	DIM_TABLERO	0.608	0.608
1120	TABLERO-01	DIM_TABLERO	0.609	0.609
1121	TABLERO-01	DIM_TABLERO	0.608	0.608
1122	TABLERO-01	DIM_TABLERO	0.608	0.608
1123	TABLERO-01	DIM_TABLERO	0.609	0.609
1124	TABLERO-01	DIM_TABLERO	0.608	0.608
1125	TABLERO-01	DIM_TABLERO	0.608	0.608
1126	TABLERO-01	DIM_TABLERO	0.609	0.609
1127	TABLERO-01	DIM_TABLERO	0.608	0.608
1128	TABLERO-01	DIM_TABLERO	0.608	0.608
1129	TABLERO-01	DIM_TABLERO	0.609	0.609
1130	TABLERO-01	DIM_TABLERO	0.608	0.608
1131	TABLERO-01	DIM_TABLERO	0.608	0.608
1132	TABLERO-01	DIM_TABLERO	0.609	0.609
1133	TABLERO-01	DIM_TABLERO	0.608	0.608
1134	TABLERO-01	DIM_TABLERO	0.608	0.608
1135	TABLERO-01	DIM_TABLERO	0.609	0.609
1136	TABLERO-01	DIM_TABLERO	0.608	0.608
1137	TABLERO-01	DIM_TABLERO	0.608	0.608
1138	TABLERO-01	DIM_TABLERO	0.609	0.609
1139	TABLERO-01	DIM_TABLERO	0.608	0.608
1140	TABLERO-01	DIM_TABLERO	0.608	0.608
1141	TABLERO-01	DIM_TABLERO	0.609	0.609
1142	TABLERO-01	DIM_TABLERO	0.608	0.608
1143	TABLERO-01	DIM_TABLERO	0.608	0.608
1144	TABLERO-01	DIM_TABLERO	0.609	0.609
1145	TABLERO-01	DIM_TABLERO	0.608	0.608
1146	TABLERO-01	DIM_TABLERO	0.608	0.608
1147	TABLERO-01	DIM_TABLERO	0.609	0.609
1148	TABLERO-01	DIM_TABLERO	0.608	0.608
1149	TABLERO-01	DIM_TABLERO	0.608	0.608
1150	TABLERO-01	DIM_TABLERO	0.609	0.609
1151	TABLERO-01	DIM_TABLERO	0.608	0.608
1152	TABLERO-01	DIM_TABLERO	0.608	0.608

Member	Section	Type	Ly (m)	Lz (m)
1153	TABLERO-01	DIM_TABLERO	0.609	0.609
1154	TABLERO-01	DIM_TABLERO	0.608	0.608
1155	TABLERO-01	DIM_TABLERO	0.608	0.608
1156	TABLERO-01	DIM_TABLERO	0.609	0.609
1157	TABLERO-01	DIM_TABLERO	0.608	0.608
1158	TABLERO-ARR	DIM_TABLERO	0.608	0.608
1159	TABLERO-ARR	DIM_TABLERO	0.609	0.609
1160	TABLERO-ARR	DIM_TABLERO	0.608	0.608
1161	TABLERO-ARR	DIM_TABLERO	0.597	0.597
1162	TABLERO-ARR	DIM_TABLERO	0.599	0.599
1163	TABLERO-ARR	DIM_TABLERO	0.598	0.598
1164	TABLERO-ARR	DIM_TABLERO	0.599	0.599
1165	TABLERO-ARR	DIM_TABLERO	0.598	0.598
1166	TABLERO-ARR	DIM_TABLERO	0.599	0.599
1167	TABLERO-ARR	DIM_TABLERO	0.595	0.595
1168	TABLERO-ARR	DIM_TABLERO	0.595	0.595
1169	TABLERO-ARR	DIM_TABLERO	0.595	0.595
1170	TABLERO-ARR	DIM_TABLERO	0.596	0.596
1171	TABLERO-ARR	DIM_TABLERO	0.595	0.595
1172	TABLERO-ARR	DIM_TABLERO	0.595	0.595
1201	ARCO-01	DIM_ARCO-01	6.200	11.500
1202	ARCO-01	DIM_ARCO-01	6.200	11.500
1203	ARCO-01	DIM_ARCO-01	6.200	11.500
1204	ARCO-01	DIM_ARCO-01	6.200	11.500
1205	ARCO-01	DIM_ARCO-01	6.200	11.500
1206	ARCO-01	DIM_ARCO-01	6.200	11.500
1207	ARCO-01	DIM_ARCO-01	6.200	11.500
1208	ARCO-01	DIM_ARCO-01	6.200	11.500
1209	ARCO-01	DIM_ARCO-01	6.200	11.500
1210	ARCO-01	DIM_ARCO-01	6.200	11.500
1211	ARCO-01	DIM_ARCO-01	6.200	11.500
1212	ARCO-01	DIM_ARCO-01	6.200	11.500
1213	ARCO-01	DIM_ARCO-02	4.200	11.500
1214	ARCO-01	DIM_ARCO-02	4.200	11.500
1215	ARCO-01	DIM_ARCO-02	4.200	11.500
1216	ARCO-02	DIM_ARCO-02	4.200	11.500
1217	ARCO-02	DIM_ARCO-02	4.200	11.500
1218	ARCO-02	DIM_ARCO-02	4.200	11.500
1219	ARCO-02	DIM_ARCO-03	3.800	10.500
1220	ARCO-02	DIM_ARCO-03	3.800	10.500
1221	ARCO-02	DIM_ARCO-03	3.800	10.500
1222	ARCO-02	DIM_ARCO-03	3.800	10.500
1223	ARCO-02	DIM_ARCO-03	3.800	10.500
1224	ARCO-02	DIM_ARCO-03	3.800	10.500
1225	ARCO-02	DIM_ARCO-04	3.800	10.500
1226	ARCO-02	DIM_ARCO-04	3.800	10.500
1227	ARCO-02	DIM_ARCO-04	3.800	10.500
1228	ARCO-02	DIM_ARCO-04	3.800	10.500
1229	ARCO-02	DIM_ARCO-04	3.800	10.500
1230	ARCO-02	DIM_ARCO-04	3.800	10.500
1231	ARCO-02	DIM_ARCO-05	3.800	10.500
1232	ARCO-02	DIM_ARCO-05	3.800	10.500

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Member	Section	Type	Ly (m)	Lz (m)
1233	ARCO-02	DIM_ARCO-05	3.800	10.500
1234	ARCO-02	DIM_ARCO-05	3.800	10.500
1235	ARCO-02	DIM_ARCO-05	3.800	10.500
1236	ARCO-02	DIM_ARCO-05	3.800	10.500
1237	ARCO-02	DIM_ARCO-05	3.800	10.500
1238	ARCO-02	DIM_ARCO-05	3.800	10.500
1239	ARCO-02	DIM_ARCO-05	3.800	10.500
1240	ARCO-02	DIM_ARCO-05	3.800	10.500
1241	ARCO-02	DIM_ARCO-05	3.800	10.500
1242	ARCO-02	DIM_ARCO-05	3.800	10.500
1243	ARCO-02	DIM_ARCO-04	3.800	10.500
1244	ARCO-02	DIM_ARCO-04	3.800	10.500
1245	ARCO-02	DIM_ARCO-04	3.800	10.500
1246	ARCO-02	DIM_ARCO-04	3.800	10.500
1247	ARCO-02	DIM_ARCO-04	3.800	10.500
1248	ARCO-02	DIM_ARCO-04	3.800	10.500
1249	ARCO-02	DIM_ARCO-03	3.800	10.500
1250	ARCO-02	DIM_ARCO-03	3.800	10.500
1251	ARCO-02	DIM_ARCO-03	3.800	10.500
1252	ARCO-02	DIM_ARCO-03	3.800	10.500
1253	ARCO-02	DIM_ARCO-03	3.800	10.500
1254	ARCO-02	DIM_ARCO-03	3.800	10.500
1255	ARCO-02	DIM_ARCO-02	4.200	11.500
1256	ARCO-02	DIM_ARCO-02	4.200	11.500
1257	ARCO-02	DIM_ARCO-02	4.200	11.500
1258	ARCO-01	DIM_ARCO-02	4.200	11.500
1259	ARCO-01	DIM_ARCO-02	4.200	11.500
1260	ARCO-01	DIM_ARCO-02	4.200	11.500
1261	ARCO-01	DIM_ARCO-01	6.200	11.500
1262	ARCO-01	DIM_ARCO-01	6.200	11.500
1263	ARCO-01	DIM_ARCO-01	6.200	11.500
1264	ARCO-01	DIM_ARCO-01	6.200	11.500
1265	ARCO-01	DIM_ARCO-01	6.200	11.500
1266	ARCO-01	DIM_ARCO-01	6.200	11.500
1267	ARCO-01	DIM_ARCO-01	6.200	11.500
1268	ARCO-01	DIM_ARCO-01	6.200	11.500
1269	ARCO-01	DIM_ARCO-01	6.200	11.500
1270	ARCO-01	DIM_ARCO-01	6.200	11.500
1271	ARCO-01	DIM_ARCO-01	6.200	11.500
1272	ARCO-01	DIM_ARCO-01	6.200	11.500
1290	ARCO-01	DIM_ARCO-01	6.200	11.500
1291	N/A	DIM_ARCO-02	4.200	11.500
1292	ARCO-02	DIM_ARCO-03	3.800	10.500
1293	ARCO-02	DIM_ARCO-04	3.800	10.500
1294	ARCO-02	DIM_ARCO-05	3.800	10.500
1295	ARCO-02	DIM_ARCO-05	3.800	10.500
1296	ARCO-02	DIM_ARCO-04	3.800	10.500
1297	ARCO-02	DIM_ARCO-03	3.800	10.500
1298	N/A	DIM_ARCO-02	4.200	11.500
1299	ARCO-01	DIM_ARCO-01	6.200	11.500
1301	PEND-TRACC	DIM_PEND	2.467	2.467
1302	PEND-TRACC	DIM_PEND	4.329	4.329

Member	Section	Type	Ly (m)	Lz (m)
1303	PEND-TRACC	DIM_PEND	5.713	5.713
1304	PEND-TRACC	DIM_PEND	6.660	6.660
1305	PEND-TRACC	DIM_PEND	7.214	7.214
1306	PEND-TRACC	DIM_PEND	7.390	7.390
1307	PEND-TRACC	DIM_PEND	7.208	7.208
1308	PEND-TRACC	DIM_PEND	6.660	6.660
1309	PEND-TRACC	DIM_PEND	5.713	5.713
1310	PEND-TRACC	DIM_PEND	4.329	4.329
1311	PEND-TRACC	DIM_PEND	2.467	2.467
1411	DIAG-TRACC	DIM_DIAG-01	5.550	5.550
1412	DIAG-COMP	DIM_DIAG-02	6.900	6.900
1421	DIAG-TRACC	DIM_DIAG-03	6.700	6.700
1422	DIAG-COMP	DIM_DIAG-04	7.700	7.700
1431	DIAG-TRACC	DIM_DIAG-05	7.550	7.550
1432	DIAG-COMP	DIM_DIAG-06	8.150	8.150
1441	DIAG-TRACC	DIM_DIAG-07	8.100	8.100
1442	DIAG-COMP	DIM_DIAG-08	8.250	8.250
1451	DIAG-TRACC	DIM_DIAG-07	8.100	8.100
1452	DIAG-COMP	DIM_DIAG-08	8.250	8.250
1461	DIAG-TRACC	DIM_DIAG-05	7.550	7.550
1462	DIAG-COMP	DIM_DIAG-06	8.150	8.150
1471	DIAG-TRACC	DIM_DIAG-03	6.700	6.700
1472	DIAG-COMP	DIM_DIAG-04	7.700	7.700
1481	DIAG-TRACC	DIM_DIAG-01	5.550	5.550
1482	DIAG-COMP	DIM_DIAG-02	6.900	6.900
2101	TABLERO-ARR	DIM_TABLERO	0.595	0.595
2102	TABLERO-ARR	DIM_TABLERO	0.595	0.595
2103	TABLERO-ARR	DIM_TABLERO	0.596	0.596
2104	TABLERO-ARR	DIM_TABLERO	0.595	0.595
2105	TABLERO-ARR	DIM_TABLERO	0.595	0.595
2106	TABLERO-ARR	DIM_TABLERO	0.595	0.595
2107	TABLERO-ARR	DIM_TABLERO	0.599	0.599
2108	TABLERO-ARR	DIM_TABLERO	0.598	0.598
2109	TABLERO-ARR	DIM_TABLERO	0.599	0.599
2110	TABLERO-ARR	DIM_TABLERO	0.598	0.598
2111	TABLERO-ARR	DIM_TABLERO	0.599	0.599
2112	TABLERO-ARR	DIM_TABLERO	0.597	0.597
2113	TABLERO-ARR	DIM_TABLERO	0.608	0.608
2114	TABLERO-ARR	DIM_TABLERO	0.609	0.609
2115	TABLERO-ARR	DIM_TABLERO	0.608	0.608
2116	TABLERO-01	DIM_TABLERO	0.608	0.608
2117	TABLERO-01	DIM_TABLERO	0.609	0.609
2118	TABLERO-01	DIM_TABLERO	0.608	0.608
2119	TABLERO-01	DIM_TABLERO	0.608	0.608
2120	TABLERO-01	DIM_TABLERO	0.609	0.609
2121	TABLERO-01	DIM_TABLERO	0.608	0.608
2122	TABLERO-01	DIM_TABLERO	0.608	0.608
2123	TABLERO-01	DIM_TABLERO	0.609	0.609
2124	TABLERO-01	DIM_TABLERO	0.608	0.608
2125	TABLERO-01	DIM_TABLERO	0.608	0.608
2126	TABLERO-01	DIM_TABLERO	0.609	0.609
2127	TABLERO-01	DIM_TABLERO	0.608	0.608

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Member	Section	Type	Ly (m)	Lz (m)
2128	TABLERO-01	DIM_TABLERO	0.608	0.608
2129	TABLERO-01	DIM_TABLERO	0.609	0.609
2130	TABLERO-01	DIM_TABLERO	0.608	0.608
2131	TABLERO-01	DIM_TABLERO	0.608	0.608
2132	TABLERO-01	DIM_TABLERO	0.609	0.609
2133	TABLERO-01	DIM_TABLERO	0.608	0.608
2134	TABLERO-01	DIM_TABLERO	0.608	0.608
2135	TABLERO-01	DIM_TABLERO	0.609	0.609
2136	TABLERO-01	DIM_TABLERO	0.608	0.608
2137	TABLERO-01	DIM_TABLERO	0.608	0.608
2138	TABLERO-01	DIM_TABLERO	0.609	0.609
2139	TABLERO-01	DIM_TABLERO	0.608	0.608
2140	TABLERO-01	DIM_TABLERO	0.608	0.608
2141	TABLERO-01	DIM_TABLERO	0.609	0.609
2142	TABLERO-01	DIM_TABLERO	0.608	0.608
2143	TABLERO-01	DIM_TABLERO	0.608	0.608
2144	TABLERO-01	DIM_TABLERO	0.609	0.609
2145	TABLERO-01	DIM_TABLERO	0.608	0.608
2146	TABLERO-01	DIM_TABLERO	0.608	0.608
2147	TABLERO-01	DIM_TABLERO	0.609	0.609
2148	TABLERO-01	DIM_TABLERO	0.608	0.608
2149	TABLERO-01	DIM_TABLERO	0.608	0.608
2150	TABLERO-01	DIM_TABLERO	0.609	0.609
2151	TABLERO-01	DIM_TABLERO	0.608	0.608
2152	TABLERO-01	DIM_TABLERO	0.608	0.608
2153	TABLERO-01	DIM_TABLERO	0.609	0.609
2154	TABLERO-01	DIM_TABLERO	0.608	0.608
2155	TABLERO-01	DIM_TABLERO	0.608	0.608
2156	TABLERO-01	DIM_TABLERO	0.609	0.609
2157	TABLERO-01	DIM_TABLERO	0.608	0.608
2158	TABLERO-ARR	DIM_TABLERO	0.608	0.608
2159	TABLERO-ARR	DIM_TABLERO	0.609	0.609
2160	TABLERO-ARR	DIM_TABLERO	0.608	0.608
2161	TABLERO-ARR	DIM_TABLERO	0.597	0.597
2162	TABLERO-ARR	DIM_TABLERO	0.599	0.599
2163	TABLERO-ARR	DIM_TABLERO	0.598	0.598
2164	TABLERO-ARR	DIM_TABLERO	0.599	0.599
2165	TABLERO-ARR	DIM_TABLERO	0.598	0.598
2166	TABLERO-ARR	DIM_TABLERO	0.599	0.599
2167	TABLERO-ARR	DIM_TABLERO	0.595	0.595
2168	TABLERO-ARR	DIM_TABLERO	0.595	0.595
2169	TABLERO-ARR	DIM_TABLERO	0.595	0.595
2170	TABLERO-ARR	DIM_TABLERO	0.596	0.596
2171	TABLERO-ARR	DIM_TABLERO	0.595	0.595
2172	TABLERO-ARR	DIM_TABLERO	0.595	0.595
2201	ARCO-01	DIM_ARCO-01	6.200	11.500
2202	ARCO-01	DIM_ARCO-01	6.200	11.500
2203	ARCO-01	DIM_ARCO-01	6.200	11.500
2204	ARCO-01	DIM_ARCO-01	6.200	11.500
2205	ARCO-01	DIM_ARCO-01	6.200	11.500
2206	ARCO-01	DIM_ARCO-01	6.200	11.500
2207	ARCO-01	DIM_ARCO-01	6.200	11.500

Member	Section	Type	Ly (m)	Lz (m)
2208	ARCO-01	DIM_ARCO-01	6.200	11.500
2209	ARCO-01	DIM_ARCO-01	6.200	11.500
2210	ARCO-01	DIM_ARCO-01	6.200	11.500
2211	ARCO-01	DIM_ARCO-01	6.200	11.500
2212	ARCO-01	DIM_ARCO-01	6.200	11.500
2213	ARCO-01	DIM_ARCO-02	4.200	11.500
2214	ARCO-01	DIM_ARCO-02	4.200	11.500
2215	ARCO-01	DIM_ARCO-02	4.200	11.500
2216	ARCO-02	DIM_ARCO-02	4.200	11.500
2217	ARCO-02	DIM_ARCO-02	4.200	11.500
2218	ARCO-02	DIM_ARCO-02	4.200	11.500
2219	ARCO-02	DIM_ARCO-03	3.800	10.500
2220	ARCO-02	DIM_ARCO-03	3.800	10.500
2221	ARCO-02	DIM_ARCO-03	3.800	10.500
2222	ARCO-02	DIM_ARCO-03	3.800	10.500
2223	ARCO-02	DIM_ARCO-03	3.800	10.500
2224	ARCO-02	DIM_ARCO-03	3.800	10.500
2225	ARCO-02	DIM_ARCO-04	3.800	10.500
2226	ARCO-02	DIM_ARCO-04	3.800	10.500
2227	ARCO-02	DIM_ARCO-04	3.800	10.500
2228	ARCO-02	DIM_ARCO-04	3.800	10.500
2229	ARCO-02	DIM_ARCO-04	3.800	10.500
2230	ARCO-02	DIM_ARCO-04	3.800	10.500
2231	ARCO-02	DIM_ARCO-05	3.800	10.500
2232	ARCO-02	DIM_ARCO-05	3.800	10.500
2233	ARCO-02	DIM_ARCO-05	3.800	10.500
2234	ARCO-02	DIM_ARCO-05	3.800	10.500
2235	ARCO-02	DIM_ARCO-05	3.800	10.500
2236	ARCO-02	DIM_ARCO-05	3.800	10.500
2237	ARCO-02	DIM_ARCO-05	3.800	10.500
2238	ARCO-02	DIM_ARCO-05	3.800	10.500
2239	ARCO-02	DIM_ARCO-05	3.800	10.500
2240	ARCO-02	DIM_ARCO-05	3.800	10.500
2241	ARCO-02	DIM_ARCO-05	3.800	10.500
2242	ARCO-02	DIM_ARCO-05	3.800	10.500
2243	ARCO-02	DIM_ARCO-04	3.800	10.500
2244	ARCO-02	DIM_ARCO-04	3.800	10.500
2245	ARCO-02	DIM_ARCO-04	3.800	10.500
2246	ARCO-02	DIM_ARCO-04	3.800	10.500
2247	ARCO-02	DIM_ARCO-04	3.800	10.500
2248	ARCO-02	DIM_ARCO-04	3.800	10.500
2249	ARCO-02	DIM_ARCO-03	3.800	10.500
2250	ARCO-02	DIM_ARCO-03	3.800	10.500
2251	ARCO-02	DIM_ARCO-03	3.800	10.500
2252	ARCO-02	DIM_ARCO-03	3.800	10.500
2253	ARCO-02	DIM_ARCO-03	3.800	10.500
2254	ARCO-02	DIM_ARCO-03	3.800	10.500
2255	ARCO-02	DIM_ARCO-02	4.200	11.500
2256	ARCO-02	DIM_ARCO-02	4.200	11.500
2257	ARCO-02	DIM_ARCO-02	4.200	11.500
2258	ARCO-01	DIM_ARCO-02	4.200	11.500
2259	ARCO-01	DIM_ARCO-02	4.200	11.500

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Member	Section	Type	Ly (m)	Lz (m)
2260	ARCO-01	DIM_ARCO-02	4.200	11.500
2261	ARCO-01	DIM_ARCO-01	6.200	11.500
2262	ARCO-01	DIM_ARCO-01	6.200	11.500
2263	ARCO-01	DIM_ARCO-01	6.200	11.500
2264	ARCO-01	DIM_ARCO-01	6.200	11.500
2265	ARCO-01	DIM_ARCO-01	6.200	11.500
2266	ARCO-01	DIM_ARCO-01	6.200	11.500
2267	ARCO-01	DIM_ARCO-01	6.200	11.500
2268	ARCO-01	DIM_ARCO-01	6.200	11.500
2269	ARCO-01	DIM_ARCO-01	6.200	11.500
2270	ARCO-01	DIM_ARCO-01	6.200	11.500
2271	ARCO-01	DIM_ARCO-01	6.200	11.500
2272	ARCO-01	DIM_ARCO-01	6.200	11.500
2290	ARCO-01	DIM_ARCO-01	6.200	11.500
2291	N/A	DIM_ARCO-02	4.200	11.500
2292	ARCO-02	DIM_ARCO-03	3.800	10.500
2293	ARCO-02	DIM_ARCO-04	3.800	10.500
2294	ARCO-02	DIM_ARCO-05	3.800	10.500
2295	ARCO-02	DIM_ARCO-05	3.800	10.500
2296	ARCO-02	DIM_ARCO-04	3.800	10.500
2297	ARCO-02	DIM_ARCO-03	3.800	10.500
2298	N/A	DIM_ARCO-02	4.200	11.500
2299	ARCO-01	DIM_ARCO-01	6.200	11.500
2301	PEND-TRACC	DIM_PEND	2.467	2.467
2302	PEND-TRACC	DIM_PEND	4.329	4.329
2303	PEND-TRACC	DIM_PEND	5.713	5.713
2304	PEND-TRACC	DIM_PEND	6.660	6.660
2305	PEND-TRACC	DIM_PEND	7.214	7.214
2306	PEND-TRACC	DIM_PEND	7.390	7.390
2307	PEND-TRACC	DIM_PEND	7.208	7.208
2308	PEND-TRACC	DIM_PEND	6.660	6.660
2309	PEND-TRACC	DIM_PEND	5.713	5.713
2310	PEND-TRACC	DIM_PEND	4.329	4.329
2311	PEND-TRACC	DIM_PEND	2.467	2.467
2411	DIAG-TRACC	DIM_DIAG-01	5.550	5.550
2412	DIAG-COMP	DIM_DIAG-02	6.900	6.900
2421	DIAG-TRACC	DIM_DIAG-03	6.700	6.700
2422	DIAG-COMP	DIM_DIAG-04	7.700	7.700
2431	DIAG-TRACC	DIM_DIAG-05	7.550	7.550
2432	DIAG-COMP	DIM_DIAG-06	8.150	8.150
2441	DIAG-TRACC	DIM_DIAG-07	8.100	8.100
2442	DIAG-COMP	DIM_DIAG-08	8.250	8.250
2451	DIAG-TRACC	DIM_DIAG-07	8.100	8.100
2452	DIAG-COMP	DIM_DIAG-08	8.250	8.250
2461	DIAG-TRACC	DIM_DIAG-05	7.550	7.550
2462	DIAG-COMP	DIM_DIAG-06	8.150	8.150
2471	DIAG-TRACC	DIM_DIAG-03	6.700	6.700
2472	DIAG-COMP	DIM_DIAG-04	7.700	7.700
2481	DIAG-TRACC	DIM_DIAG-01	5.550	5.550
2482	DIAG-COMP	DIM_DIAG-02	6.900	6.900
3011	VTRANSV-VOL-JUNTA	N/A	(N/A)	(N/A)
3012	VTRANSV-JUNTA	N/A	(N/A)	(N/A)

Member	Section	Type	Ly (m)	Lz (m)
3013	VTRANSV-VOL-JUNTA	N/A	(N/A)	(N/A)
3031	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3032	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3033	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3051	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3052	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3053	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3071	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3072	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3073	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3091	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3092	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3093	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3111	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3112	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3113	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3131	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3132	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3133	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3151	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3152	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3153	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3171	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3172	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3173	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3191	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3192	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3193	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3211	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3212	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3213	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3231	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3232	VTRANSV-TIPO	N/A	(N/A)	(N/A)
3233	VTRANSV-VOL-TIPO	N/A	(N/A)	(N/A)
3251	VTRANSV-VOL-JUNTA	N/A	(N/A)	(N/A)
3252	VTRANSV-JUNTA	N/A	(N/A)	(N/A)
3253	VTRANSV-VOL-JUNTA	N/A	(N/A)	(N/A)
4101	SHS_160.8	DIM_TAB-ARRX	3.570	3.570
4102	SHS_160.8	DIM_TAB-ARRX	3.588	3.588
4103	SHS_160.8	DIM_TAB-ARRX	3.652	3.652
4104	SHS_160.8	DIM_TAB-ARRX	3.651	3.651
4105	SHS_160.8	DIM_TAB-ARRX	3.650	3.650
4106	SHS_160.8	DIM_TAB-ARRX	3.650	3.650
4107	SHS_160.8	DIM_TAB-ARRX	3.650	3.650
4108	SHS_160.8	DIM_TAB-ARRX	3.650	3.650
4109	SHS_160.8	DIM_TAB-ARRX	3.651	3.651
4110	SHS_160.8	DIM_TAB-ARRX	3.652	3.652
4111	SHS_160.8	DIM_TAB-ARRX	3.588	3.588
4112	SHS_160.8	DIM_TAB-ARRX	3.570	3.570
4201	SHS_160.8	DIM_TAB-ARRX	5.744	5.744
4202	SHS_160.8	DIM_TAB-ARRX	5.744	5.744
4203	SHS_160.8	DIM_TAB-ARRX	5.756	5.756

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
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Member	Section	Type	Ly (m)	Lz (m)
4204	SHS_160.8	DIM_TAB-ARRX	5.756	5.756
4205	SHS_160.8	DIM_TAB-ARRX	5.796	5.796
4206	SHS_160.8	DIM_TAB-ARRX	5.796	5.796
4207	SHS_160.8	DIM_TAB-ARRX	5.795	5.795
4208	SHS_160.8	DIM_TAB-ARRX	5.795	5.795
4209	SHS_160.8	DIM_TAB-ARRX	5.794	5.794
4210	SHS_160.8	DIM_TAB-ARRX	5.794	5.794
4211	SHS_160.8	DIM_TAB-ARRX	5.794	5.794
4212	SHS_160.8	DIM_TAB-ARRX	5.794	5.794
4213	SHS_160.8	DIM_TAB-ARRX	5.794	5.794
4214	SHS_160.8	DIM_TAB-ARRX	5.794	5.794
4215	SHS_160.8	DIM_TAB-ARRX	5.794	5.794
4216	SHS_160.8	DIM_TAB-ARRX	5.794	5.794
4217	SHS_160.8	DIM_TAB-ARRX	5.795	5.795
4218	SHS_160.8	DIM_TAB-ARRX	5.795	5.795
4219	SHS_160.8	DIM_TAB-ARRX	5.796	5.796
4220	SHS_160.8	DIM_TAB-ARRX	5.796	5.796
4221	SHS_160.8	DIM_TAB-ARRX	5.756	5.756
4222	SHS_160.8	DIM_TAB-ARRX	5.756	5.756
4223	SHS_160.8	DIM_TAB-ARRX	5.744	5.744
4224	SHS_160.8	DIM_TAB-ARRX	5.744	5.744
5001	ARCO-ARRIOST	DIM_ARCO-ARRIOSTRAM	9.000	9.000
5002	ARCO-ARRIOST	DIM_ARCO-ARRIOSTRAM	9.000	9.000
5003	ARCO-ARRIOST	DIM_ARCO-ARRIOSTRAM	9.000	9.000
5004	ARCO-ARRIOST	DIM_ARCO-ARRIOSTRAM	9.000	9.000
9911	LOSA-HUELLA	N/A	(N/A)	(N/A)
9912	LOSA-HUELLA	N/A	(N/A)	(N/A)
9913	LOSA-HUELLA	N/A	(N/A)	(N/A)
9914	LOSA-HUELLA	N/A	(N/A)	(N/A)
9915	LOSA-HUELLA	N/A	(N/A)	(N/A)
9916	LOSA-HUELLA	N/A	(N/A)	(N/A)
9917	LOSA-HUELLA	N/A	(N/A)	(N/A)
9921	LOSA-HUELLA	N/A	(N/A)	(N/A)
9922	LOSA-HUELLA	N/A	(N/A)	(N/A)
9923	LOSA-HUELLA	N/A	(N/A)	(N/A)
9924	LOSA-HUELLA	N/A	(N/A)	(N/A)
9925	LOSA-HUELLA	N/A	(N/A)	(N/A)
9926	LOSA-HUELLA	N/A	(N/A)	(N/A)
9927	LOSA-HUELLA	N/A	(N/A)	(N/A)

Member Verification

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1101 DIM_TABLERO_1101 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.595 m

LOADS:
Governing Load Case: 11812 11916 (9002+4000+5003)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4324.5 kN	My,Ed = -375.2 kN*m	Mz,Ed = -17.0 kN*m	Vy,Ed = -6.9 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4863.7 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = 193.1 kN
	MN,y,Rd = 2766.6 kN*m	MN,z,Rd = 1060.9 kN*m	Vz,T,Rd = 2454.6 kN
			Tt,Ed = 0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.14 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.80 = 0.02 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.08 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1102 DIM_TABLERO_1102 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.595 m

LOADS:
Governing Load Case: 11812 11916 (9002+4000+5003)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4324.6 kN	My,Ed = -260.9 kN*m	Mz,Ed = -12.9 kN*m	Vy,Ed = -6.9 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4863.7 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = 190.9 kN
	MN,y,Rd = 2766.5 kN*m	MN,z,Rd = 1060.9 kN*m	Vz,T,Rd = 2454.6 kN
			Tt,Ed = 0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.09 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.80 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.08 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1103 DIM_TABLERO_1103 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.596 m

LOADS:
Governing Load Case: 10955 11059 9001*1.00+(4001+5001)*1.35+4101*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2137.6 kN	My,Ed = 596.1 kN*m	Mz,Ed = 1.6 kN*m	Vy,Ed = 1.1 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4767.8 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 592.7 kN
			Vz,T,Rd = 2425.7 kN
			Tt,Ed = 2.7 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.36 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.47 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.24 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.06 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.03 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1104 DIM_TABLERO_1104 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.595 m

LOADS:
Governing Load Case: 12187 12291 (9002+4007+5001)*1.35+4107*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3095.7 kN	My,Ed = 930.0 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -1.9 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4765.2 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 623.8 kN
			Vz,T,Rd = 2425.0 kN
			Tt,Ed = 2.7 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.54 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.62 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.26 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.06 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.03 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1105 DIM_TABLERO_1105 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.595 m

LOADS:
Governing Load Case: 11795 11899 (9002+4000+5001)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3704.0 kN	My,Ed = 1229.0 kN*m	Mz,Ed = 1.8 kN*m	Vy,Ed = -3.3 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4765.6 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 615.8 kN
			Vz,T,Rd = 2425.1 kN
			Tt,Ed = 2.7 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.68 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.73 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.25 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.06 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.03 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1106 DIM_TABLERO_1106 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.595 m

LOADS:
Governing Load Case: 11795 11899 (9002+4000+5001)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10

b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3705.1 kN	My,Ed = 1590.9 kN*m	Mz,Ed = 3.8 kN*m	Vy,Ed = -3.3 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4765.7 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 607.4 kN
			Vz,T,Rd = 2425.1 kN
			Tt,Ed = 2.7 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.79 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.82 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.25 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.06 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.03 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1107 DIM_TABLERO_1107 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11795 11899 (9002+4000+5001)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3733.2 kN
Nt,Rd = 12002.4 kN
My,Ed = 1586.7 kN*m
My,el,Rd = 3349.6 kN*m
My,c,Rd = 3349.6 kN*m
Mz,Ed = -13.5 kN*m
Mz,el,Rd = 704.6 kN*m
Mz,c,Rd = 704.6 kN*m
Vy,Ed = -3.3 kN
Vy,T,Rd = 4735.3 kN
Vz,Ed = -414.0 kN
Vz,T,Rd = 2416.0 kN
Tt,Ed = -3.4 kN*m
Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.80 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.79 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.17 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.07 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.04 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1108 DIM_TABLERO_1108 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11795 11899 (9002+4000+5001)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm
b=500.0 mm
tw=15.0 mm
tf=25.0 mm
gM0=1.05
Ay=250.0 cm2
Iy=371520.8 cm4
Wely=9907.2 cm3
gM1=1.10
Az=126.0 cm2
Iz=52103.0 cm4
Welz=2084.1 cm3
Ax=355.0 cm2
Ix=599.6 cm4

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3732.6 kN
Nt,Rd = 12002.4 kN
My,Ed = 1338.2 kN*m
My,el,Rd = 3349.6 kN*m
My,c,Rd = 3349.6 kN*m
Mz,Ed = -11.5 kN*m
Mz,el,Rd = 704.6 kN*m
Mz,c,Rd = 704.6 kN*m
Vy,Ed = -3.3 kN
Vy,T,Rd = 4736.1 kN
Vz,Ed = -422.1 kN
Vz,T,Rd = 2416.3 kN
Tt,Ed = -3.4 kN*m

Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.73 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.73 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.17 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.07 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.04 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1109 DIM_TABLERO_1109 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11795 11899 (9002+4000+5001)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm
b=500.0 mm
tw=15.0 mm
tf=25.0 mm
gM0=1.05
Ay=250.0 cm2
Iy=371520.8 cm4
Wely=9907.2 cm3
gM1=1.10
Az=126.0 cm2
Iz=52103.0 cm4
Welz=2084.1 cm3
Ax=355.0 cm2
Ix=599.6 cm4

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3732.7 kN
Nt,Rd = 12002.4 kN
My,Ed = 1085.3 kN*m
My,el,Rd = 3349.6 kN*m
My,c,Rd = 3349.6 kN*m
Mz,Ed = -9.6 kN*m
Mz,el,Rd = 704.6 kN*m
Mz,c,Rd = 704.6 kN*m
Vy,Ed = -3.3 kN
Vy,T,Rd = 4736.1 kN
Vz,Ed = -424.6 kN
Vz,T,Rd = 2416.3 kN
Tt,Ed = -3.4 kN*m
Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.65 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.66 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.18 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.07 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.04 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1110 DIM_TABLERO_1110 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11855 11959 (9002+4001+5001)*1.35+4101*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2894.6 kN	My,Ed = 804.9 kN*m	Mz,Ed = -7.4 kN*m	Vy,Ed = -4.4 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4735.4 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -495.8 kN
			Vz,T,Rd = 2416.0 kN
			Tt,Ed = -3.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.49 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.55 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.21 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.07 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.04 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1111 DIM_TABLERO_1111 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.599 m

---

LOADS:
Governing Load Case: 15399 15919 9002*1.35+4000*0.54+5003*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3296.4 kN	My,Ed = 950.5 kN*m	Mz,Ed = 5.6 kN*m	Vy,Ed = -5.0 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4858.4 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 179.3 kN
			Vz,T,Rd = 2453.0 kN
			Tt,Ed = 0.5 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.57 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.56 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)

Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1112 DIM_TABLERO_1112 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.597 m

---

LOADS:
Governing Load Case: 15399 15919 9002*1.35+4000*0.54+5003*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3297.1 kN	My,Ed = 1050.6 kN*m	Mz,Ed = 8.6 kN*m	Vy,Ed = -5.0 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4859.2 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 166.3 kN
			Vz,T,Rd = 2453.2 kN
			Tt,Ed = 0.5 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.60 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.59 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1113 DIM_TABLERO_1113 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 12543 12647 (9002+4013+5003)*1.35+4113*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3638.5 kN	My,Ed = 1021.2 kN*m	Mz,Ed = -2.9 kN*m	Vy,Ed = 0.7 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4861.3 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -189.2 kN
			Vz,T,Rd = 2453.9 kN
			Tt,Ed = -0.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.61 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.61 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.08 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1114 DIM_TABLERO_1114 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 15399 15919 9002*1.35+4000*0.54+5003*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3205.5 kN	My,Ed = 945.0 kN*m	Mz,Ed = -3.1 kN*m	Vy,Ed = -0.1 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4866.4 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -180.0 kN
			Vz,T,Rd = 2455.4 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.55 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.55 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1115 DIM_TABLERO_1115 **POINT:** 1 **COORDINATE:** x =

0.00 L = 0.000 m

LOADS:
Governing Load Case: 15901 16421 9002*1.35+4009*0.54+5003*1.01+4109*0.27+6105*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2719.5 kN	My,Ed = 764.6 kN*m	Mz,Ed = -3.1 kN*m	Vy,Ed = 1.1 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4867.0 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -166.5 kN
			Vz,T,Rd = 2455.6 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.46 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.45 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1116 DIM_TABLERO_1116 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 15231 15751 9001*1.00+4013*0.54+5003*1.01+4113*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wely=8061.5 cm3	Welz=1667.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2298.8 kN	My,Ed = 646.2 kN*m	Mz,Ed = -2.6 kN*m	Vy,Ed = 0.1 kN
Nt,Rd = 9642.5 kN	My,el,Rd = 2725.6 kN*m	Mz,el,Rd = 563.6 kN*m	Vy,T,Rd = 3887.2 kN
	My,c,Rd = 2725.6 kN*m	Mz,c,Rd = 563.6 kN*m	Vz,Ed = -166.1 kN
			Vz,T,Rd = 1990.6 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.48 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.48 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.08 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1117 DIM_TABLERO_1117 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

---

LOADS:
Governing Load Case: 11820 11924 (9002+4000+5004)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4265.3 kN	My,Ed = 260.1 kN*m	Mz,Ed = -1.0 kN*m	Vy,Ed = -0.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3880.5 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -116.9 kN
	MN,y,Rd = 1953.2 kN*m	MN,z,Rd = 818.1 kN*m	Vz,T,Rd = 1988.5 kN
			Tt,Ed = 0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.44 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.13 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.21 = 0.02 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1118 DIM_TABLERO_1118 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11820 11924 (9002+4000+5004)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4265.3 kN	My,Ed = 188.6 kN*m	Mz,Ed = -0.5 kN*m	Vy,Ed = -0.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3880.5 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -118.5 kN
	MN,y,Rd = 1953.2 kN*m	MN,z,Rd = 818.1 kN*m	Vz,T,Rd = 1988.5 kN
			Tt,Ed = 0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.44 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.10 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.21 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1119 DIM_TABLERO_1119 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4

tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4561.5 kN	My,Ed = 59.3 kN*m	Mz,Ed = -6.2 kN*m	Vy,Ed = -3.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3888.1 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 84.6 kN
	MN,y,Rd = 1845.6 kN*m	MN,z,Rd = 801.1 kN*m	Vz,T,Rd = 1990.9 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.37 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1120 DIM_TABLERO_1120 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4561.6 kN	My,Ed = 105.6 kN*m	Mz,Ed = -4.0 kN*m	Vy,Ed = -3.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3887.6 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 75.1 kN
	MN,y,Rd = 1845.6 kN*m	MN,z,Rd = 801.1 kN*m	Vz,T,Rd = 1990.7 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.06 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.37 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1121 DIM_TABLERO_1121 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4561.8 kN	My,Ed = 146.2 kN*m	Mz,Ed = -1.7 kN*m	Vy,Ed = -3.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3887.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 66.0 kN

	MN,y,Rd = 1845.5 kN*m	MN,z,Rd = 801.1 kN*m	Vz,T,Rd = 1990.6 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.08 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.37 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1122 DIM_TABLERO_1122 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4561.9 kN	My,Ed = 181.2 kN*m	Mz,Ed = 0.6 kN*m	Vy,Ed = -3.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3887.1 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 56.7 kN
	MN,y,Rd = 1845.5 kN*m	MN,z,Rd = 801.1 kN*m	Vz,T,Rd = 1990.5 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.10 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.37 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1123 DIM_TABLERO_1123 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4562.1 kN	My,Ed = 210.5 kN*m	Mz,Ed = 2.9 kN*m	Vy,Ed = -3.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3887.2 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 47.2 kN
	MN,y,Rd = 1845.4 kN*m	MN,z,Rd = 801.1 kN*m	Vz,T,Rd = 1990.6 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.11 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.37 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1124 DIM_TABLERO_1124 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4562.1 kN	My,Ed = 238.8 kN*m	Mz,Ed = 5.2 kN*m	Vy,Ed = -3.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3887.2 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 45.5 kN
	MN,y,Rd = 1845.4 kN*m	MN,z,Rd = 801.1 kN*m	Vz,T,Rd = 1990.6 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.13 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.37 = 0.02 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1125 DIM_TABLERO_1125 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4663.5 kN	My,Ed = 92.1 kN*m	Mz,Ed = 0.5 kN*m	Vy,Ed = 2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3887.2 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 66.6 kN
	MN,y,Rd = 1808.6 kN*m	MN,z,Rd = 794.5 kN*m	Vz,T,Rd = 1990.6 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.05 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.42 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1126 DIM_TABLERO_1126 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

---

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4663.6 kN	My,Ed = 127.4 kN*m	Mz,Ed = -0.8 kN*m	Vy,Ed = 2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3887.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 57.0 kN
	MN,y,Rd = 1808.5 kN*m	MN,z,Rd = 794.5 kN*m	Vz,T,Rd = 1990.6 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:

N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.07 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.42 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1127 DIM_TABLERO_1127 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: **TABLERO-01**

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4663.7 kN	My,Ed = 156.9 kN*m	Mz,Ed = -2.1 kN*m	Vy,Ed = 2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3887.2 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 47.7 kN
	MN,y,Rd = 1808.5 kN*m	MN,z,Rd = 794.5 kN*m	Vz,T,Rd = 1990.6 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.09 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))

(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.42 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1128 DIM_TABLERO_1128 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: **TABLERO-01**

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4663.9 kN	My,Ed = 156.9 kN*m	Mz,Ed = -2.1 kN*m	Vy,Ed = 2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3885.6 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -21.3 kN
	MN,y,Rd = 1808.4 kN*m	MN,z,Rd = 794.5 kN*m	Vz,T,Rd = 1990.1 kN
			Tt,Ed = 0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.09 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.42 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1129 DIM_TABLERO_1129 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

---

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4663.0 kN	My,Ed = 203.4 kN*m	Mz,Ed = -4.7 kN*m	Vy,Ed = 2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3890.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 97.5 kN
	MN,y,Rd = 1808.8 kN*m	MN,z,Rd = 794.6 kN*m	Vz,T,Rd = 1991.5 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.11 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.42 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1130 DIM_TABLERO_1130 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4664.0 kN	My,Ed = 215.6 kN*m	Mz,Ed = -6.1 kN*m	Vy,Ed = 2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.2 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 19.3 kN
	MN,y,Rd = 1808.4 kN*m	MN,z,Rd = 794.5 kN*m	Vz,T,Rd = 1990.3 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.12 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.42 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1131 DIM_TABLERO_1131 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4701.2 kN	My,Ed = 83.0 kN*m	Mz,Ed = -4.8 kN*m	Vy,Ed = -2.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3887.1 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 92.3 kN
	MN,y,Rd = 1794.9 kN*m	MN,z,Rd = 792.0 kN*m	Vz,T,Rd = 1990.6 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.05 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.44 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1132 DIM_TABLERO_1132 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4701.5 kN	My,Ed = 129.3 kN*m	Mz,Ed = -3.3 kN*m	Vy,Ed = -2.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 75.0 kN
	MN,y,Rd = 1794.8 kN*m	MN,z,Rd = 792.0 kN*m	Vz,T,Rd = 1990.3 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.07 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.44 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1133 DIM_TABLERO_1133 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4701.5 kN	My,Ed = 174.4 kN*m	Mz,Ed = -1.9 kN*m	Vy,Ed = -2.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 73.3 kN
	MN,y,Rd = 1794.8 kN*m	MN,z,Rd = 792.0 kN*m	Vz,T,Rd = 1990.3 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.10 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.44 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1134 DIM_TABLERO_1134 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4701.7 kN	My,Ed = 209.0 kN*m	Mz,Ed = -0.4 kN*m	Vy,Ed = -2.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.0 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 56.0 kN
	MN,y,Rd = 1794.7 kN*m	MN,z,Rd = 791.9 kN*m	Vz,T,Rd = 1990.2 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.12 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.44 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1135 DIM_TABLERO_1135 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

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LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4701.8 kN	My,Ed = 237.8 kN*m	Mz,Ed = 1.1 kN*m	Vy,Ed = -2.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.0 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 46.5 kN
	MN,y,Rd = 1794.7 kN*m	MN,z,Rd = 791.9 kN*m	Vz,T,Rd = 1990.2 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.13 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.44 = 0.02 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1136 DIM_TABLERO_1136 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4701.8 kN	My,Ed = 265.5 kN*m	Mz,Ed = 2.5 kN*m	Vy,Ed = -2.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.0 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 44.7 kN
	MN,y,Rd = 1794.7 kN*m	MN,z,Rd = 791.9 kN*m	Vz,T,Rd = 1990.2 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.15 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.44 = 0.02 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1137 DIM_TABLERO_1137 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4758.4 kN	My,Ed = 265.5 kN*m	Mz,Ed = 7.4 kN*m	Vy,Ed = 5.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3884.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -53.1 kN
	MN,y,Rd = 1774.1 kN*m	MN,z,Rd = 788.0 kN*m	Vz,T,Rd = 1989.7 kN
			Tt,Ed = -0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.15 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.47 = 0.02 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1138 DIM_TABLERO_1138 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4758.4 kN	My,Ed = 232.7 kN*m	Mz,Ed = 3.9 kN*m	Vy,Ed = 5.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3884.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -54.9 kN
	MN,y,Rd = 1774.1 kN*m	MN,z,Rd = 788.0 kN*m	Vz,T,Rd = 1989.7 kN
			Tt,Ed = -0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.13 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.47 = 0.02 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1139 DIM_TABLERO_1139 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4

tf=20.0 mm | Wply=8812.3 cm3 | Wplz=2525.6 cm3

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4758.3 kN	My,Ed = 198.7 kN*m	Mz,Ed = 0.4 kN*m	Vy,Ed = 5.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3884.2 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -64.6 kN
	MN,y,Rd = 1774.1 kN*m	MN,z,Rd = 788.0 kN*m	Vz,T,Rd = 1989.7 kN
			Tt,Ed = -0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.11 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.47 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1140 DIM_TABLERO_1140 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4758.1 kN	My,Ed = 158.9 kN*m	Mz,Ed = -3.1 kN*m	Vy,Ed = 5.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3884.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -82.0 kN
	MN,y,Rd = 1774.2 kN*m	MN,z,Rd = 788.0 kN*m	Vz,T,Rd = 1989.8 kN
			Tt,Ed = -0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.09 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.47 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1141 DIM_TABLERO_1141 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4758.1 kN	My,Ed = 108.5 kN*m	Mz,Ed = -6.5 kN*m	Vy,Ed = 5.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3884.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -83.8 kN

MN,y,Rd = 1774.2 kN*m MN,z,Rd = 788.0 kN*m Vz,T,Rd = 1989.8 kN
Tt,Ed = -0.4 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.06 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.47 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1142 DIM_TABLERO_1142 **POINT:** 1 **COORDINATE:** x =
0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4758.5 kN	My,Ed = 56.9 kN*m	Mz,Ed = -10.0 kN*m	Vy,Ed = 5.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3881.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -54.3 kN
	MN,y,Rd = 1774.1 kN*m	MN,z,Rd = 788.0 kN*m	Vz,T,Rd = 1988.8 kN
			Tt,Ed = -0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.49 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.47 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1143 DIM_TABLERO_1143 **POINT:** 1 **COORDINATE:** x =
0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4645.2 kN	My,Ed = 23.0 kN*m	Mz,Ed = -4.9 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3899.2 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -7.1 kN
	MN,y,Rd = 1815.2 kN*m	MN,z,Rd = 795.7 kN*m	Vz,T,Rd = 1994.2 kN
			Tt,Ed = -0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.01 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.41 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1144 DIM_TABLERO_1144 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4645.0 kN	My,Ed = 18.1 kN*m	Mz,Ed = -3.5 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3897.7 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 29.3 kN
	MN,y,Rd = 1815.3 kN*m	MN,z,Rd = 795.7 kN*m	Vz,T,Rd = 1993.8 kN
			Tt,Ed = -0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.01 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.41 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1145 DIM_TABLERO_1145 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4645.1 kN	My,Ed = 35.4 kN*m	Mz,Ed = -2.2 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3898.0 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 12.2 kN
	MN,y,Rd = 1815.3 kN*m	MN,z,Rd = 795.7 kN*m	Vz,T,Rd = 1993.9 kN
			Tt,Ed = -0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.41 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1146 DIM_TABLERO_1146 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4645.1 kN	My,Ed = 42.3 kN*m	Mz,Ed = -0.8 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3898.0 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 10.4 kN
	MN,y,Rd = 1815.3 kN*m	MN,z,Rd = 795.7 kN*m	Vz,T,Rd = 1993.9 kN
			Tt,Ed = -0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:

N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.41 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1147 DIM_TABLERO_1147 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4645.0 kN	My,Ed = 48.0 kN*m	Mz,Ed = 0.5 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3898.0 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 1.0 kN
	MN,y,Rd = 1815.3 kN*m	MN,z,Rd = 795.7 kN*m	Vz,T,Rd = 1993.9 kN
			Tt,Ed = -0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))

(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.41 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1148 DIM_TABLERO_1148 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4645.0 kN	My,Ed = 48.1 kN*m	Mz,Ed = 1.9 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3897.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -8.5 kN
	MN,y,Rd = 1815.3 kN*m	MN,z,Rd = 795.7 kN*m	Vz,T,Rd = 1993.8 kN
			Tt,Ed = -0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.48 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.41 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1149 DIM_TABLERO_1149 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4551.3 kN	My,Ed = 42.3 kN*m	Mz,Ed = 8.7 kN*m	Vy,Ed = 5.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.6 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 8.9 kN
	MN,y,Rd = 1849.4 kN*m	MN,z,Rd = 801.8 kN*m	Vz,T,Rd = 1995.6 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.36 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1150 DIM_TABLERO_1150 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4551.2 kN	My,Ed = 47.2 kN*m	Mz,Ed = 5.4 kN*m	Vy,Ed = 5.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.6 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 7.3 kN
	MN,y,Rd = 1849.4 kN*m	MN,z,Rd = 801.8 kN*m	Vz,T,Rd = 1995.6 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.36 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1151 DIM_TABLERO_1151 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4551.2 kN	My,Ed = 51.1 kN*m	Mz,Ed = 2.2 kN*m	Vy,Ed = 5.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -2.2 kN
	MN,y,Rd = 1849.4 kN*m	MN,z,Rd = 801.8 kN*m	Vz,T,Rd = 1995.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.36 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1152 DIM_TABLERO_1152 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4551.1 kN	My,Ed = 49.2 kN*m	Mz,Ed = -1.1 kN*m	Vy,Ed = 5.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.7 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -11.5 kN
	MN,y,Rd = 1849.4 kN*m	MN,z,Rd = 801.8 kN*m	Vz,T,Rd = 1995.6 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.36 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1153 DIM_TABLERO_1153 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4551.1 kN	My,Ed = 41.7 kN*m	Mz,Ed = -4.4 kN*m	Vy,Ed = 5.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -20.6 kN
	MN,y,Rd = 1849.4 kN*m	MN,z,Rd = 801.8 kN*m	Vz,T,Rd = 1995.5 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.36 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1154 DIM_TABLERO_1154 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4551.0 kN	My,Ed = 28.6 kN*m	Mz,Ed = -7.6 kN*m	Vy,Ed = 5.4 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3902.6 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -30.0 kN
	MN,y,Rd = 1849.5 kN*m	MN,z,Rd = 801.8 kN*m	Vz,T,Rd = 1995.3 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.47 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.36 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1155 DIM_TABLERO_1155 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4177.9 kN	My,Ed = 9.8 kN*m	Mz,Ed = -3.3 kN*m	Vy,Ed = -0.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3904.0 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 157.9 kN
	MN,y,Rd = 1985.0 kN*m	MN,z,Rd = 822.4 kN*m	Vz,T,Rd = 1995.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.17 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.08 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1156 DIM_TABLERO_1156 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4177.8 kN	My,Ed = 105.3 kN*m	Mz,Ed = -2.8 kN*m	Vy,Ed = -0.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3904.0 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 156.3 kN
	MN,y,Rd = 1985.0 kN*m	MN,z,Rd = 822.5 kN*m	Vz,T,Rd = 1995.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.05 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.17 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.08 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1157 DIM_TABLERO_1157 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4178.0 kN	My,Ed = 200.0 kN*m	Mz,Ed = -2.4 kN*m	Vy,Ed = -0.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 147.5 kN
	MN,y,Rd = 1984.9 kN*m	MN,z,Rd = 822.4 kN*m	Vz,T,Rd = 1995.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.10 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.17 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1158 DIM_TABLERO_1158 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 15375 15895 9001*1.00+4015*0.54+5007*1.01+4115*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2245.3 kN	My,Ed = 635.1 kN*m	Mz,Ed = -0.3 kN*m	Vy,Ed = -0.6 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4879.4 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 119.1 kN
			Vz,T,Rd = 2459.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.38 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.38 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1159 DIM_TABLERO_1159 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

LOADS:
Governing Load Case: 16191 16711 9002*1.35+4014*0.54+5004*1.01+4114*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2762.0 kN	My,Ed = 773.6 kN*m	Mz,Ed = -0.0 kN*m	Vy,Ed = -0.6 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4880.0 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 130.5 kN
			Vz,T,Rd = 2459.5 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.46 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.46 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1160 DIM_TABLERO_1160 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 15431 15951 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3186.2 kN	My,Ed = 909.6 kN*m	Mz,Ed = 0.8 kN*m	Vy,Ed = -1.1 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4879.9 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 134.3 kN
			Vz,T,Rd = 2459.5 kN

Tt,Ed = 0.0 kN*m
Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.54 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.54 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1161 DIM_TABLERO_1161 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 15431 15951 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3203.6 kN	My,Ed = 909.7 kN*m	Mz,Ed = 8.2 kN*m	Vy,Ed = 4.7 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4878.5 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -144.5 kN
			Vz,T,Rd = 2459.1 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.55 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.54 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1162 DIM_TABLERO_1162 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 16087 16607 9002*1.35+4012*0.54+5005*1.01+4112*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2753.6 kN	My,Ed = 766.0 kN*m	Mz,Ed = 4.5 kN*m	Vy,Ed = 4.0 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4879.5 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -145.1 kN
			Vz,T,Rd = 2459.4 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.46 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.46 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1163 DIM_TABLERO_1163 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 14519 15039 9001*1.00+4000*0.54+5005*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2234.5 kN	My,Ed = 624.8 kN*m	Mz,Ed = 1.1 kN*m	Vy,Ed = 3.4 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4879.5 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -128.4 kN
			Vz,T,Rd = 2459.4 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.37 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.37 < 1.00 (6.2.1.(5))

Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1164 DIM_TABLERO_1164 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4266.4 kN	My,Ed = 318.4 kN*m	Mz,Ed = 1.0 kN*m	Vy,Ed = 3.8 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4878.8 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -136.8 kN
	MN,y,Rd = 2787.5 kN*m	MN,z,Rd = 1062.2 kN*m	Vz,T,Rd = 2459.2 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.11 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1165 DIM_TABLERO_1165 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4266.3 kN	My,Ed = 235.9 kN*m	Mz,Ed = -1.3 kN*m	Vy,Ed = 3.8 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4878.8 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -139.3 kN
	MN,y,Rd = 2787.5 kN*m	MN,z,Rd = 1062.2 kN*m	Vz,T,Rd = 2459.2 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.08 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1166 DIM_TABLERO_1166 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4266.0 kN	My,Ed = 151.9 kN*m	Mz,Ed = -3.5 kN*m	Vy,Ed = 3.8 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4878.6 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -148.3 kN
	MN,y,Rd = 2787.7 kN*m	MN,z,Rd = 1062.2 kN*m	Vz,T,Rd = 2459.1 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.05 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1167 DIM_TABLERO_1167 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4271.0 kN	My,Ed = 62.6 kN*m	Mz,Ed = 2.9 kN*m	Vy,Ed = 6.3 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4871.9 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -123.6 kN
	MN,y,Rd = 2785.9 kN*m	MN,z,Rd = 1062.1 kN*m	Vz,T,Rd = 2457.1 kN
			Tt,Ed = -0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1168 DIM_TABLERO_1168 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4270.6 kN	My,Ed = -11.6 kN*m	Mz,Ed = -0.8 kN*m	Vy,Ed = 6.3 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4871.9 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -133.0 kN
	MN,y,Rd = 2786.0 kN*m	MN,z,Rd = 1062.1 kN*m	Vz,T,Rd = 2457.1 kN
			Tt,Ed = -0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1169 DIM_TABLERO_1169 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4270.3 kN	My,Ed = -91.3 kN*m	Mz,Ed = -4.6 kN*m	Vy,Ed = 6.3 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4872.3 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -142.3 kN
	MN,y,Rd = 2786.1 kN*m	MN,z,Rd = 1062.1 kN*m	Vz,T,Rd = 2457.2 kN
			Tt,Ed = -0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1170 DIM_TABLERO_1170 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4269.9 kN	My,Ed = -176.6 kN*m	Mz,Ed = -8.3 kN*m	Vy,Ed = 6.3 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4872.8 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -151.3 kN
	MN,y,Rd = 2786.2 kN*m	MN,z,Rd = 1062.1 kN*m	Vz,T,Rd = 2457.3 kN
			Tt,Ed = -0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.06 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1171 DIM_TABLERO_1171 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4269.5 kN	My,Ed = -267.4 kN*m	Mz,Ed = -12.1 kN*m	Vy,Ed = 6.3 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4873.7 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -161.0 kN
	MN,y,Rd = 2786.4 kN*m	MN,z,Rd = 1062.1 kN*m	Vz,T,Rd = 2457.6 kN
			Tt,Ed = -0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.10 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1172 DIM_TABLERO_1172 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4269.4 kN	My,Ed = -363.8 kN*m	Mz,Ed = -15.8 kN*m	Vy,Ed = 6.3 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4873.7 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -163.2 kN
	MN,y,Rd = 2786.4 kN*m	MN,z,Rd = 1062.1 kN*m	Vz,T,Rd = 2457.6 kN
			Tt,Ed = -0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.13 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.02 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1213 DIM_ARCO-02_1213 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11823 11927 (9002+4000+5004)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5351.9 kN	My,Ed = 1066.0 kN*m	Mz,Ed = 8.7 kN*m	Vy,Ed = 1.0 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 1066.0 kN*m		Mz,Ed,max = 8.7 kN*m
	Vy,T,Rd = 4770.2 kN		
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = -385.5 kN
			Vz,T,Rd = 4506.0 kN
			Tt,Ed = -43.1 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.75	Lamz = 59.40	kzz = 1.13

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.67 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.67 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.09 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.02 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.69 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.80 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1214 DIM_ARCO-02_1214 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11823 11927 (9002+4000+5004)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5356.8 kN	My,Ed = 806.0 kN*m	Mz,Ed = 7.3 kN*m	Vy,Ed = 1.0 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 806.0 kN*m	Mz,Ed,max = 7.3 kN*m	Vy,T,Rd = 4769.9 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = -290.5 kN
			Vz,T,Rd = 4505.8 kN
			Tt,Ed = -43.3 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.75	Lamz = 59.40	kzz = 1.13

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.60 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.60 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.02 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.61 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.74 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1215 DIM_ARCO-02_1215 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:

Governing Load Case: 11823 11927 (9002+4000+5004)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5360.3 kN	My,Ed = 611.1 kN*m	Mz,Ed = 5.8 kN*m	Vy,Ed = 1.0 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 611.1 kN*m	Mz,Ed,max = 5.8 kN*m	Vy,T,Rd = 4769.6 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = -185.6 kN
			Vz,T,Rd = 4505.7 kN
			Tt,Ed = -43.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis:

Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.77	Lamz = 59.40	kzz = 1.13

About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.54 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.54 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.02 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.56 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.70 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1216 DIM_ARCO-02_1216 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 10462 10462 (9002+4000+5004)*1.35+4100*0.68+7002*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	
	Weff,y=8250.5 cm3	Weff,z=4474.0 cm3	Aeff=308.5 cm2

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5472.4 kN	My,Ed = 265.6 kN*m	Mz,Ed = -75.7 kN*m	Vy,Ed = 16.1 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 265.6 kN*m	Mz,Ed,max = -86.0 kN*m	Vy,T,Rd = 3865.3 kN
Nb,Rd = 7110.9 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = -58.7 kN
			Vz,T,Rd = 3688.3 kN
			Tt,Ed = -15.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis:

Ly = 4.200 m	Lam_y = 0.18	Lz = 11.500 m	Lam_z = 0.72
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.71
Lamy = 14.80	kzy = 0.80	Lamz = 59.04	kzz = 1.20

About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.59 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.59 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.72 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.92 < 1.00 (6.3.3.(4))

Section OK !!!

According to point 5.5.2.(9), the member section has been classified as a class 3 section, despite the fact that, according to table 5.2, it fullfils class 4 conditions. Stability check has been performed according to 5.5.2.(10) as for class 4 members.

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1217 DIM_ARCO-02_1217 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 10462 10462 (9002+4000+5004)*1.35+4100*0.68+7002*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	
	Weff,y=8250.5 cm3	Weff,z=4474.0 cm3	Aeff=308.5 cm2

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5471.6 kN	My,Ed = 226.4 kN*m	Mz,Ed = -86.3 kN*m	Vy,Ed = 15.3 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 259.1 kN*m	Mz,Ed,max = -96.1 kN*m	Vy,T,Rd = 3869.7 kN
Nb,Rd = 7110.9 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 51.4 kN
			Vz,T,Rd = 3690.8 kN
			Tt,Ed = -13.6 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.18	Lz = 11.500 m	Lam_z = 0.72
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.71
Lamy = 14.80	kzy = 0.81	Lamz = 59.04	kzz = 1.20

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.58 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.58 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.73 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.93 < 1.00 (6.3.3.(4))

Section OK !!!

According to point 5.5.2.(9), the member section has been classified as a class 3 section, despite the fact that, according to table 5.2, it fullfils class 4 conditions. Stability check has been performed according to 5.5.2.(10) as for class 4 members.

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1218 DIM_ARCO-02_1218 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 10462 10462 (9002+4000+5004)*1.35+4100*0.68+7002*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	
	Weff,y=8250.5 cm3	Weff,z=4474.0 cm3	Aeff=308.5 cm2

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5469.0 kN	My,Ed = 259.1 kN*m	Mz,Ed = -96.3 kN*m	Vy,Ed = 14.6 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 354.7 kN*m	Mz,Ed,max = -105.5 kN*m	Vy,T,Rd = 3874.1 kN
Nb,Rd = 7110.9 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 149.2 kN
			Vz,T,Rd = 3693.3 kN
			Tt,Ed = -11.9 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.18	Lz = 11.500 m	Lam_z = 0.72
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.71
Lamy = 14.80	kzy = 0.76	Lamz = 59.04	kzz = 1.20

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.60 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.60 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE

N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.76 < 1.00
(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.96 < 1.00 (6.3.3.(4))

Section OK !!!

According to point 5.5.2.(9), the member section has been classified as a class 3 section, despite the fact that, according to table 5.2, it fullfils class 4 conditions. Stability check has been performed according to 5.5.2.(10) as for class 4 members.

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1255 DIM_ARCO-02_1255 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.646 m

LOADS:
Governing Load Case: 10474 10474 (9002+4000+5007)*1.35+4100*0.68+7002*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5098.8 kN	My,Ed = 200.8 kN*m	Mz,Ed = -81.9 kN*m	Vy,Ed = -12.0 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 289.9 kN*m	Mz,Ed,max = -89.3 kN*m	Vy,T,Rd = 3867.8 kN
Nb,Rd = 7857.5 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = -139.1 kN
			Vz,T,Rd = 3689.7 kN
			Tt,Ed = 14.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.19	Lz = 11.500 m	Lam_z = 0.77
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.80	kzy = 0.74	Lamz = 59.04	kzz = 1.17

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.54 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.54 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)

Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.60 < 1.00
(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.79 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1256 DIM_ARCO-02_1256 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.651 m

LOADS:
Governing Load Case: 10474 10474 (9002+4000+5007)*1.35+4100*0.68+7002*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5101.4 kN	My,Ed = 170.2 kN*m	Mz,Ed = -73.5 kN*m	Vy,Ed = -12.8 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 200.8 kN*m	Mz,Ed,max = -81.6 kN*m	Vy,T,Rd = 3864.0 kN
Nb,Rd = 7857.5 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = -48.1 kN
			Vz,T,Rd = 3687.6 kN
			Tt,Ed = 15.9 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.19	Lz = 11.500 m	Lam_z = 0.77
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.80	kzy = 0.79	Lamz = 59.04	kzz = 1.17

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.52 < 1.00 (6.2.1(7))

sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.52 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.57 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.76 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1257 DIM_ARCO-02_1257 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.655 m

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4993.2 kN	My,Ed = 424.5 kN*m	Mz,Ed = 11.0 kN*m	Vy,Ed = 0.6 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 424.5 kN*m	Mz,Ed,max = 11.4 kN*m	Vy,T,Rd = 3792.8 kN
Nb,Rd = 7857.5 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 77.5 kN
			Vz,T,Rd = 3646.9 kN
			Tt,Ed = 44.3 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.19	Lz = 11.500 m	Lam_z = 0.77
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.80	kzy = 0.80	Lamz = 59.04	kzz = 1.17

VERIFICATION FORMULAS:

Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.57 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.57 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.03 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.02 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.60 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.77 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1258 DIM_ARCO-02_1258 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.660 m

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4991.9 kN	My,Ed = 539.6 kN*m	Mz,Ed = 11.5 kN*m	Vy,Ed = 0.6 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 539.6 kN*m	Mz,Ed,max = 11.9 kN*m	Vy,T,Rd = 4767.8 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = 172.9 kN
			Vz,T,Rd = 4504.7 kN
			Tt,Ed = 44.1 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.76	Lamz = 59.40	kzz = 1.12

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.49 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.50 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.02 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.51 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.65 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1259 DIM_ARCO-02_1259 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.667 m

---

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4988.7 kN	My,Ed = 721.1 kN*m	Mz,Ed = 12.0 kN*m	Vy,Ed = 0.6 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 721.1 kN*m	Mz,Ed,max = 12.4 kN*m	Vy,T,Rd = 4768.4 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = 270.4 kN
			Vz,T,Rd = 4505.0 kN
			Tt,Ed = 43.8 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78

Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.75	Lamz = 59.40	kzz = 1.12

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.55 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.55 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.02 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.56 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.69 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1260 DIM_ARCO-02_1260 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.672 m

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LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4984.2 kN	My,Ed = 963.0 kN*m	Mz,Ed = 12.5 kN*m	Vy,Ed = 0.6 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 963.0 kN*m	Mz,Ed,max = 12.8 kN*m	Vy,T,Rd = 4769.0 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = 358.7 kN
			Vz,T,Rd = 4505.3 kN
			Tt,Ed = 43.6 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis:

Ly = 4.200 m | Lam_y = 0.20 | Lz = 11.500 m | Lam_z = 0.78
Lcr,y = 4.200 m | Xy = 1.00 | Lcr,z = 11.500 m | Xz = 0.68
Lamy = 14.90 | kzy = 0.75 | Lamz = 59.40 | kzz = 1.12

About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.62 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.62 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.08 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.02 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.63 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.74 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1290 1290 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 10450 10450 (9002+4000+5001)*1.35+4100*0.68+7002*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm | gM0=1.05 | gM1=1.10 |
b=500.0 mm | Ay=250.0 cm2 | Az=234.0 cm2 | Ax=445.0 cm2
tw=15.0 mm | Iy=353552.1 cm4 | Iz=166792.1 cm4 | Ix=332839.7 cm4
tf=25.0 mm | Wely=10101.5 cm3 | Welz=6671.7 cm3 |

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5136.7 kN | My,Ed = 624.2 kN*m | Mz,Ed = 148.5 kN*m | Vy,Ed = 24.7 kN
Nc,Rd = 15045.2 kN | My,el,Rd = 3415.3 kN*m | Mz,el,Rd = 2255.7 kN*m | Vy,T,Rd = 4843.2 kN
Nb,Rd = 9713.3 kN | My,c,Rd = 3415.3 kN*m | Mz,c,Rd = 2255.7 kN*m | Vz,Ed = -236.3 kN
Vz,T,Rd = 4547.0 kN
Tt,Ed = -14.4 kN*m
Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis:

Ly = 6.200 m | Lam_y = 0.29 | Lz = 11.500 m | Lam_z = 0.78
Lcr,y = 6.200 m | Xy = 0.96 | Lcr,z = 11.500 m | Xz = 0.68
Lamy = 22.00 | kzy = 0.85 | Lamz = 59.40 | kzz = 1.12

About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.59 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.59 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.01 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 22.00 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.65 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.77 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1292 1292 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11829 11933 (9002+4000+5005)*1.35+4100*0.68+6105*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm | gM0=1.05 | gM1=1.10 |
b=500.0 mm | Ay=200.0 cm2 | Az=190.1 cm2 | Ax=358.4 cm2
tw=12.0 mm | Iy=288765.9 cm4 | Iz=135990.7 cm4 | Ix=271672.2 cm4
tf=20.0 mm | Wely=8250.5 cm3 | Welz=5439.6 cm3 |
Weff,y=8250.5 cm3 | Weff,z=4474.0 cm3 | Aeff=308.5 cm2

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5435.8 kN | My,Ed = 499.4 kN*m | Mz,Ed = -10.6 kN*m | Vy,Ed = -3.8 kN
Nc,Rd = 12117.3 kN | My,el,Rd = 2789.4 kN*m | Mz,el,Rd = 1839.1 kN*m | Vy,T,Rd = 3874.9 kN
Nb,Rd = 7493.1 kN | My,c,Rd = 2789.4 kN*m | Mz,c,Rd = 1839.1 kN*m | Vz,Ed = -252.6 kN
Vz,T,Rd = 3693.8 kN
Tt,Ed = -11.6 kN*m
Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: | About z axis:

Ly = 3.800 m	Lam_y = 0.16	Lz = 10.500 m	Lam_z = 0.65
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.75
Lamy = 13.39	kzy = 0.45	Lamz = 53.90	kzz = 1.16

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.63 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.63 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.66 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.82 < 1.00 (6.3.3.(4))

Section OK !!!

According to point 5.5.2.(9), the member section has been classified as a class 3 section, despite the fact that, according to table 5.2, it fullfils class 4 conditions. Stability check has been performed according to 5.5.2.(10) as for class 4 members.

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1293 1293 **POINT:** 3 **COORDINATE:** x = 1.00 L = 3.702 m

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	
	Weff,y=8250.5 cm3	Weff,z=4474.0 cm3	Aeff=308.5 cm2

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5449.4 kN	My,Ed = 259.3 kN*m	Mz,Ed = -20.6 kN*m	Vy,Ed = 3.7 kN
Nc,Rd = 12117.3 kN	My,el,Rd = 2789.4 kN*m	Mz,el,Rd = 1839.1 kN*m	Vy,T,Rd = 3900.6 kN
Nb,Rd = 7493.1 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 251.5 kN
			Vz,T,Rd = 3708.4 kN
			Tt,Ed = -1.4 kN*m

Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: | About z axis:

Ly = 3.800 m	Lam_y = 0.16	Lz = 10.500 m	Lam_z = 0.65
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.75
Lamy = 13.39	kzy = 0.34	Lamz = 53.90	kzz = 1.16

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.55 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.55 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.60 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.78 < 1.00 (6.3.3.(4))

Section OK !!!

According to point 5.5.2.(9), the member section has been classified as a class 3 section, despite the fact that, according to table 5.2, it fullfils class 4 conditions. Stability check has been performed according to 5.5.2.(10) as for class 4 members.

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1294 1294 **POINT:** 3 **COORDINATE:** x = 1.00 L = 3.657 m

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5336.8 kN	My,Ed = 553.2 kN*m	Mz,Ed = 11.4 kN*m	Vy,Ed = 0.4 kN
Nc,Rd = 12117.3 kN	My,el,Rd = 2789.4 kN*m	Mz,el,Rd = 1839.1 kN*m	Vy,T,Rd = 3903.4 kN

Nb,Rd = 8343.0 kN My,c,Rd = 2789.4 kN*m Mz,c,Rd = 1839.1 kN*m Vz,Ed = 295.5 kN
Vz,T,Rd = 3710.0 kN
Tt,Ed = 0.2 kN*m
Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.800 m	Lam_y = 0.18	Lz = 10.500 m	Lam_z = 0.71
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.72
Lamy = 13.39	kzy = 0.46	Lamz = 53.90	kzz = 1.14

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.64 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.64 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.08 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.59 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.74 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1295 1295 **POINT:** 3 **COORDINATE:** x = 0.67 L = 2.435 m

---

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5338.9 kN	My,Ed = 265.0 kN*m	Mz,Ed = 7.9 kN*m	Vy,Ed = 1.4 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 553.2 kN*m	Mz,Ed,max = 11.4 kN*m	Vy,T,Rd = 3899.2 kN

Nb,Rd = 8343.0 kN My,c,Rd = 2789.4 kN*m Mz,c,Rd = 1839.1 kN*m Vz,Ed = 37.0 kN
Vz,T,Rd = 3707.6 kN
Tt,Ed = -1.9 kN*m
Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.800 m	Lam_y = 0.18	Lz = 10.500 m	Lam_z = 0.71
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.72
Lamy = 13.39	kzy = 0.46	Lamz = 53.90	kzz = 1.14

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.54 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.54 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.59 < 1.00
(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.74 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1296 1296 **POINT:** 3 **COORDINATE:** x = 0.66 L = 2.460 m

---

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5228.7 kN	My,Ed = 220.7 kN*m	Mz,Ed = 9.2 kN*m	Vy,Ed = 3.8 kN

Nc,Rd = 12117.3 kN	My,Ed,max = 484.1 kN*m	Mz,Ed,max = 17.7 kN*m	Vy,T,Rd = 3864.4 kN
Nb,Rd = 8343.0 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 29.0 kN
			Vz,T,Rd = 3687.7 kN
			Tt,Ed = 15.8 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.800 m	Lam_y = 0.18	Lz = 10.500 m	Lam_z = 0.71
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.72
Lamy = 13.39	kzy = 0.45	Lamz = 53.90	kzz = 1.14

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.52 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.52 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.57 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.72 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1297 1297 **POINT:** 3 **COORDINATE:** x = 1.00 L = 3.796 m

LOADS:
Governing Load Case: 11845 11949 (9002+4000+5007)*1.35+4100*0.68+6105*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5152.7 kN	My,Ed = 442.2 kN*m	Mz,Ed = -15.5 kN*m	Vy,Ed = 5.1 kN
Nc,Rd = 12117.3 kN	My,el,Rd = 2789.4 kN*m	Mz,el,Rd = 1839.1 kN*m	Vy,T,Rd = 3870.3 kN
Nb,Rd = 8343.0 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 240.4 kN
			Vz,T,Rd = 3691.2 kN
			Tt,Ed = 13.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.800 m	Lam_y = 0.18	Lz = 10.500 m	Lam_z = 0.71
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.72
Lamy = 13.39	kzy = 0.42	Lamz = 53.90	kzz = 1.14

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.59 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.59 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.54 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.70 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1299 1299 **POINT:** 3 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 10474 10474 (9002+4000+5007)*1.35+4100*0.68+7002*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 5373.2 kN	My,Ed = 462.6 kN*m	Mz,Ed = 135.1 kN*m	Vy,Ed = -22.7 kN
Nc,Rd = 15045.2 kN	My,el,Rd = 3415.3 kN*m	Mz,el,Rd = 2255.7 kN*m	Vy,T,Rd = 4825.9 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = 377.9 kN
			Vz,T,Rd = 4537.3 kN
			Tt,Ed = 21.2 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 6.200 m	Lam_y = 0.29	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 6.200 m	Xy = 0.96	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 22.00	kzy = 0.34	Lamz = 59.40	kzz = 1.13

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.55 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.55 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.08 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 22.00 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.52 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.67 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1301 DIM_PEND_1301 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11794 11898 (9002+4000+5001)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -940.2 kN	My,Ed = -0.0 kN*m	Mz,Ed = -3.3 kN*m	Vy,Ed = -1.7 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = -0.0 kN
	MN,y,Rd = 31.6 kN*m	MN,z,Rd = 31.6 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.66 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.10 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 3.25 + (Mz,Ed/MN,z,Rd)^3.25 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1302 DIM_PEND_1302 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11810 11914 (9002+4000+5003)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -577.8 kN	My,Ed = 0.0 kN*m	Mz,Ed = -2.2 kN*m	Vy,Ed = -0.6 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = -0.0 kN
	MN,y,Rd = 55.1 kN*m	MN,z,Rd = 55.1 kN*m	Vz,T,Rd = 387.3 kN

Tt,Ed = 0.0 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.40 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.04 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.04 + (Mz,Ed/MN,z,Rd)^2.04 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1303 DIM_PEND_1303 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11818 11922 (9002+4000+5004)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -390.5 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.8 kN*m	Vy,Ed = -0.4 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 67.2 kN*m	MN,z,Rd = 67.2 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.27 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.03 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.81 + (Mz,Ed/MN,z,Rd)^1.81 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1304 DIM_PEND_1304 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11826 11930 (9002+4000+5005)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -346.5 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.6 kN*m	Vy,Ed = -0.3 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = -0.0 kN
	MN,y,Rd = 70.1 kN*m	MN,z,Rd = 70.1 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.24 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.78 + (Mz,Ed/MN,z,Rd)^1.78 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1305 DIM_PEND_1305 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11834 11938 (9002+4000+5006)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -323.1 kN	My,Ed = 0.0 kN*m	Mz,Ed = -1.3 kN*m	Vy,Ed = -0.2 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = -0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.23 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.76 + (Mz,Ed/MN,z,Rd)^1.76 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1306 DIM_PEND_1306 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11842 11946 (9002+4000+5007)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -331.0 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.3 kN*m	Vy,Ed = -0.2 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.23 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))

Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.77 + (Mz,Ed/MN,z,Rd)^1.77 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1307 DIM_PEND_1307 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11842 11946 (9002+4000+5007)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -238.5 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.2 kN*m	Vy,Ed = -0.2 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.17 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.71 + (Mz,Ed/MN,z,Rd)^1.71 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1308 DIM_PEND_1308 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11834 11938 (9002+4000+5006)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -219.6 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.5 kN*m	Vy,Ed = -0.2 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.15 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.71 + (Mz,Ed/MN,z,Rd)^1.71 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1309 DIM_PEND_1309 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11842 11946 (9002+4000+5007)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -244.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.6 kN*m	Vy,Ed = -0.3 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.17 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.72 + (Mz,Ed/MN,z,Rd)^1.72 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1310 DIM_PEND_1310 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11842 11946 (9002+4000+5007)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -369.9 kN	My,Ed = -0.0 kN*m	Mz,Ed = -2.0 kN*m	Vy,Ed = -0.5 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 68.5 kN*m	MN,z,Rd = 68.5 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.26 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.03 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.80 + (Mz,Ed/MN,z,Rd)^1.80 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1311 DIM_PEND_1311 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11842 11946 (9002+4000+5007)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -490.0 kN	My,Ed = -0.1 kN*m	Mz,Ed = -2.8 kN*m	Vy,Ed = -1.2 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.2 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.1 kN
	MN,y,Rd = 60.8 kN*m	MN,z,Rd = 60.8 kN*m	Vz,T,Rd = 387.2 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.34 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.05 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.91 + (Mz,Ed/MN,z,Rd)^1.91 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1411 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:

Governing Load Case: 12667 12771 (9002+4015+5005)*1.35+4115*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -708.2 kN	My,Ed = 0.0 kN*m	Mz,Ed = 0.7 kN*m	Vy,Ed = 0.1 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.4 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 57.9 kN*m	MN,z,Rd = 49.1 kN*m	Vz,T,Rd = 468.4 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.44 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.12 + (Mz,Ed/MN,z,Rd)^2.12 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1412 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 12665 12769 (9002+4015+5005)*1.35+4115*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 314.0 kN	My,Ed = 0.0 kN*m	Mz,Ed = 2.4 kN*m	Vy,Ed = 0.4 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 2.1 kN*m	Mz,Ed,max = 2.4 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 516.9 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 1.2 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 6.900 m	Lam_y = 1.73	Lz = 6.900 m	Lam_z = 1.55
Lcr,y = 6.900 m	Xy = 0.25	Lcr,z = 6.210 m	Xz = 0.30
Lamy = 131.93	kyy = 1.41	Lamz = 118.74	kyz = 0.51

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.15 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.70 + (Mz,Ed/MN,z,Rd)^1.70 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 131.93 < Lambda,max = 200.00 Lambda,z = 118.74 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.65 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.55 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1421 **POINT:** 3 **COORDINATE:** x = 1.00 L = 6.705 m

LOADS:
Governing Load Case: 11306 11410 9001*1.00+(4007+5003)*1.35+4107*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 112.8 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -0.2 kN
Nc,Rd = 1622.9 kN	My,Ed,max = 1.1 kN*m	Mz,Ed,max = -1.2 kN*m	Vy,T,Rd = 390.4 kN
Nb,Rd = 393.4 kN	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = -0.7 kN
	MN,y,Rd = 77.1 kN*m	MN,z,Rd = 69.0 kN*m	Vz,T,Rd = 468.5 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 6.700 m	Lam_y = 1.68	Lz = 6.700 m	Lam_z = 1.72
Lcr,y = 6.700 m	Xy = 0.26	Lcr,z = 6.030 m	Xz = 0.25
Lamy = 128.55	kzy = 0.70	Lamz = 131.07	kzz = 0.73

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.07 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 128.55 < Lambda,max = 200.00 Lambda,z = 131.07 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.30 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.31 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1422 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11561 11665 9001*1.00+(4011+5007)*1.35+4111*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 142.0 kN	My,Ed = -0.0 kN*m	Mz,Ed = 1.7 kN*m	Vy,Ed = 0.2 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 1.7 kN*m	Mz,Ed,max = 1.7 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 430.2 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 7.700 m	Lam_y = 1.93	Lz = 7.700 m	Lam_z = 1.73
Lcr,y = 7.700 m	Xy = 0.21	Lcr,z = 6.930 m	Xz = 0.25
Lamy = 147.22	kyy = 1.20	Lamz = 132.50	kyz = 0.44

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.07 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 147.22 < Lambda,max = 200.00 Lambda,z = 132.50 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.36 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.30 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1431 **POINT:** 3 **COORDINATE:** x = 1.00 L = 7.549 m

LOADS:
Governing Load Case: 10237 10237 9001*1.00+(4008+5004)*1.35+4108*0.68+7001*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 122.8 kN	My,Ed = -0.0 kN*m	Mz,Ed = -0.0 kN*m	Vy,Ed = 0.3 kN
Nc,Rd = 1622.9 kN	My,Ed,max = 1.3 kN*m	Mz,Ed,max = 2.0 kN*m	Vy,T,Rd = 390.4 kN
Nb,Rd = 322.2 kN	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = -0.7 kN
	MN,y,Rd = 77.1 kN*m	MN,z,Rd = 69.0 kN*m	Vz,T,Rd = 468.5 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 7.550 m	Lam_y = 1.90	Lz = 7.550 m	Lam_z = 1.93
Lcr,y = 7.550 m	Xy = 0.21	Lcr,z = 6.795 m	Xz = 0.21
Lamy = 144.85	kzy = 0.74	Lamz = 147.69	kzz = 0.77

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.08 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 144.85 < Lambda,max = 200.00 Lambda,z = 147.69 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.40 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.42 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1432 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11281 11385 9001*1.00+(4006+5007)*1.35+4106*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 136.4 kN	My,Ed = -0.0 kN*m	Mz,Ed = 1.5 kN*m	Vy,Ed = 0.2 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 1.8 kN*m	Mz,Ed,max = 1.5 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 390.3 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 8.150 m	Lam_y = 2.04	Lz = 8.150 m	Lam_z = 1.84
Lcr,y = 8.150 m	Xy = 0.19	Lcr,z = 7.335 m	Xz = 0.23
Lamy = 155.83	kyy = 1.21	Lamz = 140.25	kyz = 0.44

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.06 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 155.83 < Lambda,max = 200.00 Lambda,z = 140.25 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.38 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.32 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1441 **POINT:** 3 **COORDINATE:** x = 1.00 L = 8.069 m

LOADS:
Governing Load Case: 10269 10269 9001*1.00+(4009+5005)*1.35+4109*0.68+7001*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 121.6 kN	My,Ed = -0.0 kN*m	Mz,Ed = -0.0 kN*m	Vy,Ed = 0.2 kN
Nc,Rd = 1622.9 kN	My,Ed,max = 1.3 kN*m	Mz,Ed,max = 1.9 kN*m	Vy,T,Rd = 390.4 kN
Nb,Rd = 285.5 kN	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = -0.7 kN
	MN,y,Rd = 77.1 kN*m	MN,z,Rd = 69.0 kN*m	Vz,T,Rd = 468.5 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 8.100 m	Lam_y = 2.03	Lz = 8.100 m	Lam_z = 2.07
Lcr,y = 8.100 m	Xy = 0.19	Lcr,z = 7.290 m	Xz = 0.18
Lamy = 155.41	kzy = 0.76	Lamz = 158.45	kzz = 0.80

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.07 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 155.41 < Lambda,max = 200.00 Lambda,z = 158.45 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.45 < 1.00 (6.3.3.(4))

N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.46 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1442 **POINT:** 3 **COORDINATE:** x = 1.00 L = 8.258 m

LOADS:
Governing Load Case: 12508 12612 (9002+4012+5006)*1.35+4112*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -494.4 kN	My,Ed = -0.0 kN*m	Mz,Ed = -0.1 kN*m	Vy,Ed = 1.3 kN
Nt,Rd = 2155.4 kN	My,pl,Rd = 103.4 kN*m	Mz,pl,Rd = 103.4 kN*m	Vy,T,Rd = 561.1 kN
	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = -1.2 kN
	MN,y,Rd = 102.9 kN*m	MN,z,Rd = 102.9 kN*m	Vz,T,Rd = 561.1 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.23 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.76 + (Mz,Ed/MN,z,Rd)^1.76 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1451 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 12571 12675 (9002+4013+5007)*1.35+4113*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -447.5 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.0 kN*m	Vy,Ed = -0.1 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.3 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 74.4 kN*m	MN,z,Rd = 63.1 kN*m	Vz,T,Rd = 468.4 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.28 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.82 + (Mz,Ed/MN,z,Rd)^1.82 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1452 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11609 11713 9001*1.00+(4012+5006)*1.35+4112*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 187.8 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.0 kN*m	Vy,Ed = -0.1 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 1.8 kN*m	Mz,Ed,max = -1.0 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 382.1 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 8.250 m	Lam_y = 2.06	Lz = 8.250 m	Lam_z = 1.86
Lcr,y = 8.250 m	Xy = 0.19	Lcr,z = 7.425 m	Xz = 0.22
Lamy = 157.74	kyy = 1.32	Lamz = 141.97	kyz = 0.48

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.09 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 157.74 < Lambda,max = 200.00 Lambda,z = 141.97 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.52 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.43 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1461 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 12627 12731 (9002+4014+5007)*1.35+4114*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -456.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.0 kN*m	Vy,Ed = -0.1 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.4 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 73.9 kN*m	MN,z,Rd = 62.6 kN*m	Vz,T,Rd = 468.4 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.28 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.82 + (Mz,Ed/MN,z,Rd)^1.82 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1462 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11673 11777 9001*1.00+(4013+5007)*1.35+4113*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 182.0 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.3 kN*m	Vy,Ed = -0.2 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 1.8 kN*m	Mz,Ed,max = -1.3 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 390.3 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 8.150 m	Lam_y = 2.04	Lz = 8.150 m	Lam_z = 1.84
Lcr,y = 8.150 m	Xy = 0.19	Lcr,z = 7.335 m	Xz = 0.23
Lamy = 155.83	kyy = 1.30	Lamz = 140.25	kyz = 0.47

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.08 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 155.83 < Lambda,max = 200.00 Lambda,z = 140.25 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.50 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.41 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1471 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 12627 12731 (9002+4014+5007)*1.35+4114*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -416.2 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.0 kN*m	Vy,Ed = -0.2 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.4 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 76.4 kN*m	MN,z,Rd = 64.8 kN*m	Vz,T,Rd = 468.5 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.26 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.79 + (Mz,Ed/MN,z,Rd)^1.79 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1472 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11729 11833 9001*1.00+(4014+5007)*1.35+4114*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 161.9 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.5 kN*m	Vy,Ed = -0.2 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 1.7 kN*m	Mz,Ed,max = -1.5 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 430.2 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 7.700 m	Lam_y = 1.93	Lz = 7.700 m	Lam_z = 1.73
Lcr,y = 7.700 m	Xy = 0.21	Lcr,z = 6.930 m	Xz = 0.25
Lamy = 147.22	kyy = 1.24	Lamz = 132.50	kyz = 0.45

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.08 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 147.22 < Lambda,max = 200.00 Lambda,z = 132.50 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.40 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.34 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1481 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 12683 12787 (9002+4015+5007)*1.35+4115*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -656.8 kN	My,Ed = 0.0 kN*m	Mz,Ed = -0.8 kN*m	Vy,Ed = -0.1 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.4 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 61.2 kN*m	MN,z,Rd = 51.9 kN*m	Vz,T,Rd = 468.5 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.40 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.04 + (Mz,Ed/MN,z,Rd)^2.04 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 1482 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 12681 12785 (9002+4015+5007)*1.35+4115*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 281.0 kN	My,Ed = 0.0 kN*m	Mz,Ed = -2.5 kN*m	Vy,Ed = -0.4 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 2.1 kN*m	Mz,Ed,max = -2.5 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 516.9 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 1.2 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 6.900 m	Lam_y = 1.73	Lz = 6.900 m	Lam_z = 1.55
Lcr,y = 6.900 m	Xy = 0.25	Lcr,z = 6.210 m	Xz = 0.30
Lamy = 131.93	kyy = 1.36	Lamz = 118.74	kyz = 0.49

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.13 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.69 + (Mz,Ed/MN,z,Rd)^1.69 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 131.93 < Lambda,max = 200.00 Lambda,z = 118.74 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.58 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.50 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2101 DIM_TABLERO_2101 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.595 m

---

LOADS:
Governing Load Case: 11820 11924 (9002+4000+5004)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4279.2 kN	My,Ed = -334.6 kN*m	Mz,Ed = 15.6 kN*m	Vy,Ed = 8.0 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4872.9 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = 149.5 kN
	MN,y,Rd = 2782.9 kN*m	MN,z,Rd = 1061.9 kN*m	Vz,T,Rd = 2457.4 kN
			Tt,Ed = -0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.12 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.02 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2102 DIM_TABLERO_2102 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.595 m

LOADS:
Governing Load Case: 11820 11924 (9002+4000+5004)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4279.3 kN	My,Ed = -246.4 kN*m	Mz,Ed = 10.9 kN*m	Vy,Ed = 8.0 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4872.9 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = 147.3 kN
	MN,y,Rd = 2782.9 kN*m	MN,z,Rd = 1061.9 kN*m	Vz,T,Rd = 2457.4 kN
			Tt,Ed = -0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.09 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2103 DIM_TABLERO_2103 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.596 m

LOADS:
Governing Load Case: 11820 11924 (9002+4000+5004)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4279.7 kN	My,Ed = -163.8 kN*m	Mz,Ed = 6.1 kN*m	Vy,Ed = 8.0 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4872.1 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = 137.5 kN
	MN,y,Rd = 2782.7 kN*m	MN,z,Rd = 1061.9 kN*m	Vz,T,Rd = 2457.1 kN
			Tt,Ed = -0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.06 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.78 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2104 DIM_TABLERO_2104 **POINT:** 3 **COORDINATE:** x =

1.00 L = 0.595 m

LOADS:
Governing Load Case: 11295 11399 9001*1.00+(4007+5001)*1.35+4107*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2059.1 kN	My,Ed = 600.5 kN*m	Mz,Ed = 3.0 kN*m	Vy,Ed = 1.2 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4776.0 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 402.1 kN
			Vz,T,Rd = 2428.2 kN
			Tt,Ed = -2.5 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.36 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.41 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.17 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.05 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.03 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2105 DIM_TABLERO_2105 **POINT:** 3 **COORDINATE:** x =
1.00 L = 0.595 m

LOADS:
Governing Load Case: 12187 12291 (9002+4007+5001)*1.35+4107*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2975.5 kN	My,Ed = 849.8 kN*m	Mz,Ed = 3.0 kN*m	Vy,Ed = 0.3 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4773.7 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 429.1 kN
			Vz,T,Rd = 2427.5 kN
			Tt,Ed = -2.5 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.51 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.54 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.18 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.05 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.03 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2106 DIM_TABLERO_2106 **POINT:** 3 **COORDINATE:** x =
1.00 L = 0.595 m

LOADS:
Governing Load Case: 11795 11899 (9002+4000+5001)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3684.4 kN	My,Ed = 1089.8 kN*m	Mz,Ed = 1.7 kN*m	Vy,Ed = 0.8 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4774.8 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 434.6 kN
			Vz,T,Rd = 2427.8 kN
			Tt,Ed = -2.5 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.63 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed*^2 + 3*(Tau,z,Ed+Tau,tz,Ed)^2)/(fy/gM0) = 0.66 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.18 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.05 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.03 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2107 DIM_TABLERO_2107 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11795 11899 (9002+4000+5001)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2

tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3705.9 kN	My,Ed = 1087.4 kN*m	Mz,Ed = 11.6 kN*m	Vy,Ed = 5.6 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4753.5 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -197.7 kN
			Vz,T,Rd = 2421.5 kN
			Tt,Ed = 3.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.65 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.64 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.08 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.06 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.04 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2108 DIM_TABLERO_2108 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 12467 12571 (9002+4012+5001)*1.35+4112*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3306.5 kN	My,Ed = 956.9 kN*m	Mz,Ed = 6.9 kN*m	Vy,Ed = 4.5 kN

Nt,Rd = 12002.4 kN | My,el,Rd = 3349.6 kN*m | Mz,el,Rd = 704.6 kN*m | Vy,T,Rd = 4754.5 kN
My,c,Rd = 3349.6 kN*m | Mz,c,Rd = 704.6 kN*m | Vz,Ed = -223.4 kN
Vz,T,Rd = 2421.8 kN
Tt,Ed = 3.0 kN*m
Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.57 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.56 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.09 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.06 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.04 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2109 DIM_TABLERO_2109 **POINT:** 1 **COORDINATE:** x =
0.00 L = 0.000 m

LOADS:
Governing Load Case: 15383 15903 9002*1.35+4000*0.54+5001*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm | gM0=1.05 | gM1=1.10
b=500.0 mm | Ay=250.0 cm2 | Az=126.0 cm2 | Ax=355.0 cm2
tw=15.0 mm | Iy=371520.8 cm4 | Iz=52103.0 cm4 | Ix=599.6 cm4
tf=25.0 mm | Wely=9907.2 cm3 | Welz=2084.1 cm3

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2930.9 kN | My,Ed = 830.8 kN*m | Mz,Ed = 4.9 kN*m | Vy,Ed = 5.6 kN
Nt,Rd = 12002.4 kN | My,el,Rd = 3349.6 kN*m | Mz,el,Rd = 704.6 kN*m | Vy,T,Rd = 4785.7 kN
My,c,Rd = 3349.6 kN*m | Mz,c,Rd = 704.6 kN*m | Vz,Ed = -112.4 kN
Vz,T,Rd = 2431.1 kN
Tt,Ed = 2.2 kN*m
Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.50 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.49 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.05 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.03 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2110 DIM_TABLERO_2110 **POINT:** 1 **COORDINATE:** x =
0.00 L = 0.000 m

LOADS:
Governing Load Case: 15775 16295 9002*1.35+4007*0.54+5001*1.01+4107*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm | gM0=1.05 | gM1=1.10
b=500.0 mm | Ay=250.0 cm2 | Az=126.0 cm2 | Ax=355.0 cm2
tw=15.0 mm | Iy=371520.8 cm4 | Iz=52103.0 cm4 | Ix=599.6 cm4
tf=25.0 mm | Wely=9907.2 cm3 | Welz=2084.1 cm3

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2649.5 kN | My,Ed = 745.3 kN*m | Mz,Ed = 1.6 kN*m | Vy,Ed = 4.8 kN
Nt,Rd = 12002.4 kN | My,el,Rd = 3349.6 kN*m | Mz,el,Rd = 704.6 kN*m | Vy,T,Rd = 4785.6 kN
My,c,Rd = 3349.6 kN*m | Mz,c,Rd = 704.6 kN*m | Vz,Ed = -135.5 kN
Vz,T,Rd = 2431.1 kN
Tt,Ed = 2.2 kN*m
Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.45 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.45 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.05 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.03 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2111 DIM_TABLERO_2111 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.599 m

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LOADS:
Governing Load Case: 16071 16591 9002*1.35+4012*0.54+5003*1.01+4112*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3068.3 kN	My,Ed = 853.0 kN*m	Mz,Ed = -5.4 kN*m	Vy,Ed = 4.8 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4860.3 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 145.4 kN
			Vz,T,Rd = 2453.6 kN
			Tt,Ed = -0.5 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.52 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.51 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2112 DIM_TABLERO_2112 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.597 m

---

LOADS:
Governing Load Case: 15399 15919 9002*1.35+4000*0.54+5003*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3228.1 kN	My,Ed = 957.4 kN*m	Mz,Ed = -9.0 kN*m	Vy,Ed = 5.2 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4861.2 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 139.1 kN
			Vz,T,Rd = 2453.8 kN
			Tt,Ed = -0.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.57 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.55 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2113 DIM_TABLERO_2113 **POINT:** 1 **COORDINATE:** x =
0.00 L = 0.000 m

LOADS:
Governing Load Case: 15399 15919 9002*1.35+4000*0.54+5003*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3128.4 kN	My,Ed = 957.4 kN*m	Mz,Ed = 3.9 kN*m	Vy,Ed = 1.1 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4868.5 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -145.4 kN
			Vz,T,Rd = 2456.0 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.55 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.55 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2114 DIM_TABLERO_2114 **POINT:** 1 **COORDINATE:** x =
0.00 L = 0.000 m

LOADS:
Governing Load Case: 16127 16647 9002*1.35+4013*0.54+5003*1.01+4113*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2989.7 kN	My,Ed = 851.9 kN*m	Mz,Ed = 3.3 kN*m	Vy,Ed = 1.2 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4868.9 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -148.8 kN
			Vz,T,Rd = 2456.2 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.51 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.50 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*

ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2115 DIM_TABLERO_2115 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 14511 15031 9001*1.00+4000*0.54+5004*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2411.8 kN	My,Ed = 677.5 kN*m	Mz,Ed = 1.4 kN*m	Vy,Ed = 0.8 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4867.7 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -103.0 kN
			Vz,T,Rd = 2455.8 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.41 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.40 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2116 DIM_TABLERO_2116 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 14671 15191 9001*1.00+4003*0.54+5003*1.01+4103*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wely=8061.5 cm3	Welz=1667.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2066.1 kN	My,Ed = 586.5 kN*m	Mz,Ed = 1.4 kN*m	Vy,Ed = 1.2 kN
Nt,Rd = 9642.5 kN	My,el,Rd = 2725.6 kN*m	Mz,el,Rd = 563.6 kN*m	Vy,T,Rd = 3890.5 kN
	My,c,Rd = 2725.6 kN*m	Mz,c,Rd = 563.6 kN*m	Vz,Ed = -131.8 kN
			Vz,T,Rd = 1991.6 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.43 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.43 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2117 DIM_TABLERO_2117 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

---

LOADS:
Governing Load Case: 11820 11924 (9002+4000+5004)*1.35+4100*0.68+6104*0.90

MATERIAL:

S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4142.1 kN	My,Ed = 184.2 kN*m	Mz,Ed = -0.2 kN*m	Vy,Ed = 1.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3882.9 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -124.3 kN
	MN,y,Rd = 1998.0 kN*m	MN,z,Rd = 824.2 kN*m	Vz,T,Rd = 1989.2 kN
			Tt,Ed = -0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.09 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.15 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2118 DIM_TABLERO_2118 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11820 11924 (9002+4000+5004)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4142.2 kN	My,Ed = 108.1 kN*m	Mz,Ed = -1.2 kN*m	Vy,Ed = 1.7 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3882.9 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -125.9 kN
	MN,y,Rd = 1997.9 kN*m	MN,z,Rd = 824.2 kN*m	Vz,T,Rd = 1989.2 kN
			Tt,Ed = -0.4 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.05 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.15 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2119 DIM_TABLERO_2119 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4411.8 kN	My,Ed = 51.3 kN*m	Mz,Ed = 8.3 kN*m	Vy,Ed = 5.9 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3890.1 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 58.2 kN
	MN,y,Rd = 1900.0 kN*m	MN,z,Rd = 810.1 kN*m	Vz,T,Rd = 1991.5 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2120 DIM_TABLERO_2120 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4

tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4412.0 kN	My,Ed = 81.7 kN*m	Mz,Ed = 4.7 kN*m	Vy,Ed = 5.9 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3889.4 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 48.9 kN
	MN,y,Rd = 1899.9 kN*m	MN,z,Rd = 810.1 kN*m	Vz,T,Rd = 1991.2 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.04 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2121 DIM_TABLERO_2121 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4412.1 kN	My,Ed = 106.6 kN*m	Mz,Ed = 1.1 kN*m	Vy,Ed = 5.9 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3889.0 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 40.1 kN
	MN,y,Rd = 1899.9 kN*m	MN,z,Rd = 810.1 kN*m	Vz,T,Rd = 1991.1 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.06 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2122 DIM_TABLERO_2122 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4412.2 kN	My,Ed = 126.0 kN*m	Mz,Ed = -2.5 kN*m	Vy,Ed = 5.9 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3888.9 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 31.0 kN

	MN,y,Rd = 1899.9 kN*m	MN,z,Rd = 810.1 kN*m	Vz,T,Rd = 1991.1 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.07 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2123 DIM_TABLERO_2123 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4412.3 kN	My,Ed = 139.8 kN*m	Mz,Ed = -6.1 kN*m	Vy,Ed = 5.9 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3889.1 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 21.8 kN
	MN,y,Rd = 1899.8 kN*m	MN,z,Rd = 810.1 kN*m	Vz,T,Rd = 1991.2 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.07 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2124 DIM_TABLERO_2124 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11828 11932 (9002+4000+5005)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4412.3 kN	My,Ed = 152.6 kN*m	Mz,Ed = -9.7 kN*m	Vy,Ed = 5.9 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3889.1 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 20.2 kN
	MN,y,Rd = 1899.8 kN*m	MN,z,Rd = 810.1 kN*m	Vz,T,Rd = 1991.1 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.08 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2125 DIM_TABLERO_2125 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4402.7 kN	My,Ed = 81.5 kN*m	Mz,Ed = 0.4 kN*m	Vy,Ed = -0.6 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3889.4 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 40.9 kN
	MN,y,Rd = 1903.3 kN*m	MN,z,Rd = 810.6 kN*m	Vz,T,Rd = 1991.2 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.04 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.28 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2126 DIM_TABLERO_2126 **POINT:** 3 **COORDINATE:** x =
1.00 L = 0.609 m

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4402.8 kN	My,Ed = 101.4 kN*m	Mz,Ed = 0.8 kN*m	Vy,Ed = -0.6 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3889.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 31.7 kN
	MN,y,Rd = 1903.3 kN*m	MN,z,Rd = 810.6 kN*m	Vz,T,Rd = 1991.2 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.05 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.28 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2127 DIM_TABLERO_2127 **POINT:** 3 **COORDINATE:** x =
1.00 L = 0.608 m

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4402.8 kN	My,Ed = 115.8 kN*m	Mz,Ed = 1.2 kN*m	Vy,Ed = -0.6 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3889.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 22.8 kN
	MN,y,Rd = 1903.3 kN*m	MN,z,Rd = 810.6 kN*m	Vz,T,Rd = 1991.2 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:

N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.06 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.28 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2128 DIM_TABLERO_2128 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: **TABLERO-01**

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4402.7 kN	My,Ed = 115.8 kN*m	Mz,Ed = 1.2 kN*m	Vy,Ed = -0.6 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3888.4 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -42.4 kN
	MN,y,Rd = 1903.3 kN*m	MN,z,Rd = 810.6 kN*m	Vz,T,Rd = 1990.9 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.06 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))

(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.28 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2129 DIM_TABLERO_2129 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

---

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: **TABLERO-01**

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4402.4 kN	My,Ed = 132.5 kN*m	Mz,Ed = 1.9 kN*m	Vy,Ed = -0.6 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3890.5 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 69.7 kN
	MN,y,Rd = 1903.4 kN*m	MN,z,Rd = 810.6 kN*m	Vz,T,Rd = 1991.6 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.07 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.28 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2130 DIM_TABLERO_2130 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11836 11940 (9002+4000+5006)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4402.9 kN	My,Ed = 130.4 kN*m	Mz,Ed = 2.3 kN*m	Vy,Ed = -0.6 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3888.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -4.3 kN
	MN,y,Rd = 1903.2 kN*m	MN,z,Rd = 810.6 kN*m	Vz,T,Rd = 1991.1 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.07 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.28 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2131 DIM_TABLERO_2131 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4423.4 kN	My,Ed = 72.2 kN*m	Mz,Ed = 7.2 kN*m	Vy,Ed = 4.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3889.6 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 61.8 kN
	MN,y,Rd = 1895.8 kN*m	MN,z,Rd = 809.4 kN*m	Vz,T,Rd = 1991.3 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.04 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2132 DIM_TABLERO_2132 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4423.6 kN	My,Ed = 100.3 kN*m	Mz,Ed = 4.3 kN*m	Vy,Ed = 4.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3888.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 45.4 kN
	MN,y,Rd = 1895.7 kN*m	MN,z,Rd = 809.4 kN*m	Vz,T,Rd = 1990.9 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.05 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2133 DIM_TABLERO_2133 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4423.6 kN	My,Ed = 127.4 kN*m	Mz,Ed = 1.4 kN*m	Vy,Ed = 4.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3888.3 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 43.6 kN
	MN,y,Rd = 1895.7 kN*m	MN,z,Rd = 809.4 kN*m	Vz,T,Rd = 1990.9 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.07 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2134 DIM_TABLERO_2134 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4423.7 kN	My,Ed = 144.5 kN*m	Mz,Ed = -1.5 kN*m	Vy,Ed = 4.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3888.1 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 27.2 kN
	MN,y,Rd = 1895.7 kN*m	MN,z,Rd = 809.4 kN*m	Vz,T,Rd = 1990.9 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.08 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2135 DIM_TABLERO_2135 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4423.8 kN	My,Ed = 156.1 kN*m	Mz,Ed = -4.4 kN*m	Vy,Ed = 4.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3888.2 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 18.2 kN
	MN,y,Rd = 1895.7 kN*m	MN,z,Rd = 809.4 kN*m	Vz,T,Rd = 1990.9 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.08 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2136 DIM_TABLERO_2136 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

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LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4423.8 kN	My,Ed = 166.6 kN*m	Mz,Ed = -7.3 kN*m	Vy,Ed = 4.8 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3888.2 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 16.4 kN
	MN,y,Rd = 1895.7 kN*m	MN,z,Rd = 809.4 kN*m	Vz,T,Rd = 1990.9 kN
			Tt,Ed = -0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.46 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.09 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.29 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2137 DIM_TABLERO_2137 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4367.5 kN	My,Ed = 166.6 kN*m	Mz,Ed = -2.9 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.6 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -23.3 kN
	MN,y,Rd = 1916.1 kN*m	MN,z,Rd = 812.6 kN*m	Vz,T,Rd = 1990.4 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.45 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.09 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.26 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2138 DIM_TABLERO_2138 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4367.5 kN	My,Ed = 151.9 kN*m	Mz,Ed = -1.6 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.6 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -25.1 kN
	MN,y,Rd = 1916.1 kN*m	MN,z,Rd = 812.6 kN*m	Vz,T,Rd = 1990.4 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.45 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.08 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.26 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2139 DIM_TABLERO_2139 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4367.4 kN	My,Ed = 136.1 kN*m	Mz,Ed = -0.3 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.6 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -34.1 kN
	MN,y,Rd = 1916.1 kN*m	MN,z,Rd = 812.6 kN*m	Vz,T,Rd = 1990.4 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.45 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.07 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.26 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2140 DIM_TABLERO_2140 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4

tf=20.0 mm Wply=8812.3 cm3 Wplz=2525.6 cm3

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4367.3 kN	My,Ed = 114.8 kN*m	Mz,Ed = 1.0 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -50.2 kN
	MN,y,Rd = 1916.2 kN*m	MN,z,Rd = 812.6 kN*m	Vz,T,Rd = 1990.4 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.45 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.06 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.26 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2141 DIM_TABLERO_2141 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4367.3 kN	My,Ed = 83.8 kN*m	Mz,Ed = 2.3 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3886.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -52.0 kN
	MN,y,Rd = 1916.2 kN*m	MN,z,Rd = 812.6 kN*m	Vz,T,Rd = 1990.4 kN
			Tt,Ed = 0.3 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.45 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.04 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.26 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2142 DIM_TABLERO_2142 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4367.5 kN	My,Ed = 51.6 kN*m	Mz,Ed = 3.6 kN*m	Vy,Ed = -2.2 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3885.5 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -25.1 kN

MN,y,Rd = 1916.1 kN*m MN,z,Rd = 812.6 kN*m Vz,T,Rd = 1990.1 kN
Tt,Ed = 0.4 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.45 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.26 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2143 DIM_TABLERO_2143 **POINT:** 1 **COORDINATE:** x =
0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4276.6 kN	My,Ed = 35.4 kN*m	Mz,Ed = 5.4 kN*m	Vy,Ed = 2.5 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3899.1 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -11.7 kN
	MN,y,Rd = 1949.1 kN*m	MN,z,Rd = 817.5 kN*m	Vz,T,Rd = 1994.2 kN
			Tt,Ed = 0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.44 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.22 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2144 DIM_TABLERO_2144 **POINT:** 1 **COORDINATE:** x =
0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4276.5 kN	My,Ed = 27.8 kN*m	Mz,Ed = 3.8 kN*m	Vy,Ed = 2.5 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3897.5 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 21.7 kN
	MN,y,Rd = 1949.1 kN*m	MN,z,Rd = 817.5 kN*m	Vz,T,Rd = 1993.7 kN
			Tt,Ed = 0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.44 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.01 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.22 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2145 DIM_TABLERO_2145 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4276.6 kN	My,Ed = 40.4 kN*m	Mz,Ed = 2.3 kN*m	Vy,Ed = 2.5 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3897.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 5.8 kN
	MN,y,Rd = 1949.1 kN*m	MN,z,Rd = 817.5 kN*m	Vz,T,Rd = 1993.8 kN
			Tt,Ed = 0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.44 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.22 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2146 DIM_TABLERO_2146 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4276.5 kN	My,Ed = 43.4 kN*m	Mz,Ed = 0.7 kN*m	Vy,Ed = 2.5 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3897.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 4.0 kN
	MN,y,Rd = 1949.1 kN*m	MN,z,Rd = 817.5 kN*m	Vz,T,Rd = 1993.8 kN
			Tt,Ed = 0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.44 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.22 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2147 DIM_TABLERO_2147 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4276.5 kN	My,Ed = 45.2 kN*m	Mz,Ed = -0.8 kN*m	Vy,Ed = 2.5 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3897.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -4.8 kN
	MN,y,Rd = 1949.2 kN*m	MN,z,Rd = 817.5 kN*m	Vz,T,Rd = 1993.8 kN
			Tt,Ed = 0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:

N,Ed/Nt,Rd = 0.44 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.22 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2148 DIM_TABLERO_2148 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4276.4 kN	My,Ed = 41.8 kN*m	Mz,Ed = -2.3 kN*m	Vy,Ed = 2.5 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3897.6 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -13.7 kN
	MN,y,Rd = 1949.2 kN*m	MN,z,Rd = 817.5 kN*m	Vz,T,Rd = 1993.8 kN
			Tt,Ed = 0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.44 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))

(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.22 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2149 DIM_TABLERO_2149 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4120.4 kN	My,Ed = 32.8 kN*m	Mz,Ed = -6.0 kN*m	Vy,Ed = -3.1 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.9 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 8.8 kN
	MN,y,Rd = 2005.9 kN*m	MN,z,Rd = 825.2 kN*m	Vz,T,Rd = 1995.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.14 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2150 DIM_TABLERO_2150 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4120.4 kN	My,Ed = 37.6 kN*m	Mz,Ed = -4.2 kN*m	Vy,Ed = -3.1 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3904.0 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 7.1 kN
	MN,y,Rd = 2005.9 kN*m	MN,z,Rd = 825.2 kN*m	Vz,T,Rd = 1995.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.14 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2151 DIM_TABLERO_2151 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4120.3 kN	My,Ed = 41.4 kN*m	Mz,Ed = -2.3 kN*m	Vy,Ed = -3.1 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -1.6 kN
	MN,y,Rd = 2005.9 kN*m	MN,z,Rd = 825.2 kN*m	Vz,T,Rd = 1995.6 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.14 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2152 DIM_TABLERO_2152 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4120.3 kN	My,Ed = 39.9 kN*m	Mz,Ed = -0.4 kN*m	Vy,Ed = -3.1 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.7 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -10.2 kN
	MN,y,Rd = 2005.9 kN*m	MN,z,Rd = 825.2 kN*m	Vz,T,Rd = 1995.6 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.14 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2153 DIM_TABLERO_2153 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4120.2 kN	My,Ed = 33.2 kN*m	Mz,Ed = 1.5 kN*m	Vy,Ed = -3.1 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -18.6 kN
	MN,y,Rd = 2005.9 kN*m	MN,z,Rd = 825.2 kN*m	Vz,T,Rd = 1995.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.14 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2154 DIM_TABLERO_2154 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -4120.1 kN	My,Ed = 21.3 kN*m	Mz,Ed = 3.3 kN*m	Vy,Ed = -3.1 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3903.8 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = -27.3 kN
	MN,y,Rd = 2006.0 kN*m	MN,z,Rd = 825.2 kN*m	Vz,T,Rd = 1995.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.43 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.01 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^2.14 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2155 DIM_TABLERO_2155 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3808.0 kN	My,Ed = 4.1 kN*m	Mz,Ed = 0.7 kN*m	Vy,Ed = -0.0 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3902.9 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 139.4 kN
	MN,y,Rd = 2119.4 kN*m	MN,z,Rd = 837.8 kN*m	Vz,T,Rd = 1995.4 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.39 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.97 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2156 DIM_TABLERO_2156 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3807.9 kN	My,Ed = 88.4 kN*m	Mz,Ed = 0.7 kN*m	Vy,Ed = -0.0 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3902.9 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 137.8 kN
	MN,y,Rd = 2119.4 kN*m	MN,z,Rd = 837.8 kN*m	Vz,T,Rd = 1995.4 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.39 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.04 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.97 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2157 DIM_TABLERO_2157 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-01

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=102.2 cm2	Ax=285.2 cm2
tw=12.0 mm	Iy=302307.8 cm4	Iz=41676.9 cm4	Ix=307.6 cm4
tf=20.0 mm	Wply=8812.3 cm3	Wplz=2525.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3808.1 kN	My,Ed = 171.8 kN*m	Mz,Ed = 0.7 kN*m	Vy,Ed = -0.0 kN
Nt,Rd = 9642.5 kN	My,pl,Rd = 2979.4 kN*m	Mz,pl,Rd = 853.9 kN*m	Vy,T,Rd = 3902.9 kN
	My,c,Rd = 2979.4 kN*m	Mz,c,Rd = 853.9 kN*m	Vz,Ed = 129.6 kN
	MN,y,Rd = 2119.3 kN*m	MN,z,Rd = 837.8 kN*m	Vz,T,Rd = 1995.4 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.39 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.08 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.97 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2158 DIM_TABLERO_2158 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

LOADS:
Governing Load Case: 14535 15055 9001*1.00+4000*0.54+5007*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2195.4 kN	My,Ed = 626.2 kN*m	Mz,Ed = -0.0 kN*m	Vy,Ed = 0.2 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4879.5 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 114.1 kN
			Vz,T,Rd = 2459.4 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.37 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.37 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2159 DIM_TABLERO_2159 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.609 m

LOADS:
Governing Load Case: 15767 16287 9002*1.35+4006*0.54+5007*1.01+4106*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2

tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2726.8 kN	My,Ed = 762.2 kN*m	Mz,Ed = -0.3 kN*m	Vy,Ed = 0.6 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4879.5 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 125.0 kN
			Vz,T,Rd = 2459.4 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.46 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.45 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2160 DIM_TABLERO_2160 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.608 m

---

LOADS:
Governing Load Case: 15431 15951 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2989.0 kN	My,Ed = 872.4 kN*m	Mz,Ed = -0.6 kN*m	Vy,Ed = 0.6 kN

Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4879.4 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = 125.4 kN
			Vz,T,Rd = 2459.3 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.51 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.51 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2161 DIM_TABLERO_2161 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 15431 15951 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2959.4 kN	My,Ed = 872.4 kN*m	Mz,Ed = -6.3 kN*m	Vy,Ed = -3.2 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4879.9 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -133.4 kN
			Vz,T,Rd = 2459.5 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.52 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.51 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2162 DIM_TABLERO_2162 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 15399 15919 9002*1.35+4000*0.54+5003*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2762.7 kN	My,Ed = 769.0 kN*m	Mz,Ed = -3.9 kN*m	Vy,Ed = -3.0 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4879.7 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -132.3 kN
			Vz,T,Rd = 2459.4 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.47 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.46 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2163 DIM_TABLERO_2163 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 14535 15055 9001*1.00+4000*0.54+5007*1.01+4100*0.27+6107*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wely=9907.2 cm3	Welz=2084.1 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -2138.2 kN	My,Ed = 612.4 kN*m	Mz,Ed = -1.2 kN*m	Vy,Ed = -2.1 kN
Nt,Rd = 12002.4 kN	My,el,Rd = 3349.6 kN*m	Mz,el,Rd = 704.6 kN*m	Vy,T,Rd = 4879.4 kN
	My,c,Rd = 3349.6 kN*m	Mz,c,Rd = 704.6 kN*m	Vz,Ed = -125.9 kN
			Vz,T,Rd = 2459.3 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:
N,Ed/Nt,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.36 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,y,Ed+Tau,ty,Ed)^2)/(fy/gM0) = 0.36 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2164 DIM_TABLERO_2164 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3804.0 kN	My,Ed = 282.8 kN*m	Mz,Ed = -2.7 kN*m	Vy,Ed = -1.0 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4878.8 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -115.9 kN
	MN,y,Rd = 2954.1 kN*m	MN,z,Rd = 1068.9 kN*m	Vz,T,Rd = 2459.1 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.10 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.58 = 0.01 < 1.00 (6.2.9.1.(6))

Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2165 DIM_TABLERO_2165 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3803.9 kN	My,Ed = 212.7 kN*m	Mz,Ed = -2.1 kN*m	Vy,Ed = -1.0 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4878.7 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -118.4 kN
	MN,y,Rd = 2954.2 kN*m	MN,z,Rd = 1068.9 kN*m	Vz,T,Rd = 2459.1 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.07 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.58 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2166 DIM_TABLERO_2166 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3803.6 kN	My,Ed = 141.3 kN*m	Mz,Ed = -1.5 kN*m	Vy,Ed = -1.0 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4878.6 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -126.6 kN
	MN,y,Rd = 2954.3 kN*m	MN,z,Rd = 1068.9 kN*m	Vz,T,Rd = 2459.1 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.05 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.58 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2167 DIM_TABLERO_2167 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3807.4 kN	My,Ed = 65.0 kN*m	Mz,Ed = -6.4 kN*m	Vy,Ed = -7.6 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4870.6 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -110.8 kN
	MN,y,Rd = 2952.9 kN*m	MN,z,Rd = 1068.9 kN*m	Vz,T,Rd = 2456.7 kN
			Tt,Ed = 0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.59 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2168 DIM_TABLERO_2168 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3807.1 kN	My,Ed = -1.6 kN*m	Mz,Ed = -1.9 kN*m	Vy,Ed = -7.6 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4870.4 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -119.3 kN
	MN,y,Rd = 2953.0 kN*m	MN,z,Rd = 1068.9 kN*m	Vz,T,Rd = 2456.6 kN
			Tt,Ed = 0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.59 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2169 DIM_TABLERO_2169 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3806.8 kN	My,Ed = -73.2 kN*m	Mz,Ed = 2.6 kN*m	Vy,Ed = -7.6 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4870.6 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -127.9 kN
	MN,y,Rd = 2953.1 kN*m	MN,z,Rd = 1068.9 kN*m	Vz,T,Rd = 2456.7 kN
			Tt,Ed = 0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.59 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2170 DIM_TABLERO_2170 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3806.4 kN	My,Ed = -149.9 kN*m	Mz,Ed = 7.1 kN*m	Vy,Ed = -7.6 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4871.1 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -136.2 kN
	MN,y,Rd = 2953.2 kN*m	MN,z,Rd = 1068.9 kN*m	Vz,T,Rd = 2456.8 kN
			Tt,Ed = 0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.05 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.59 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2171 DIM_TABLERO_2171 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3806.1 kN	My,Ed = -231.7 kN*m	Mz,Ed = 11.7 kN*m	Vy,Ed = -7.6 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4872.0 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -145.1 kN
	MN,y,Rd = 2953.4 kN*m	MN,z,Rd = 1068.9 kN*m	Vz,T,Rd = 2457.1 kN
			Tt,Ed = 0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.08 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.59 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2172 DIM_TABLERO_2172 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11844 11948 (9002+4000+5007)*1.35+4100*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: TABLERO-ARR

h=750.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=126.0 cm2	Ax=355.0 cm2
tw=15.0 mm	Iy=371520.8 cm4	Iz=52103.0 cm4	Ix=599.6 cm4
tf=25.0 mm	Wply=10900.0 cm3	Wplz=3164.4 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -3806.0 kN	My,Ed = -318.7 kN*m	Mz,Ed = 16.2 kN*m	Vy,Ed = -7.6 kN
Nt,Rd = 12002.4 kN	My,pl,Rd = 3685.2 kN*m	Mz,pl,Rd = 1069.9 kN*m	Vy,T,Rd = 4872.0 kN
	My,c,Rd = 3685.2 kN*m	Mz,c,Rd = 1069.9 kN*m	Vz,Ed = -147.3 kN
	MN,y,Rd = 2953.4 kN*m	MN,z,Rd = 1068.9 kN*m	Vz,T,Rd = 2457.1 kN
			Tt,Ed = 0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.11 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.00 + (Mz,Ed/MN,z,Rd)^1.59 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2213 DIM_ARCO-02_2213 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11823 11927 (9002+4000+5004)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4607.5 kN	My,Ed = 959.4 kN*m	Mz,Ed = -9.8 kN*m	Vy,Ed = 1.2 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 959.4 kN*m	Mz,Ed,max = -10.6 kN*m	Vy,T,Rd = 4825.8 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = -335.1 kN
			Vz,T,Rd = 4537.2 kN
			Tt,Ed = 21.3 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis:		About z axis:	
Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.75	Lamz = 59.40	kzz = 1.10

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.59 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.59 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.60 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.70 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2214 DIM_ARCO-02_2214 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11823 11927 (9002+4000+5004)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4611.6 kN	My,Ed = 733.3 kN*m	Mz,Ed = -10.2 kN*m	Vy,Ed = 1.2 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 733.3 kN*m	Mz,Ed,max = -11.0 kN*m	Vy,T,Rd = 4825.3 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = -253.7 kN
			Vz,T,Rd = 4536.9 kN
			Tt,Ed = 21.5 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis:

Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.75	Lamz = 59.40	kzz = 1.10

About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.53 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.53 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.54 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.65 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2215 DIM_ARCO-02_2215 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:

Governing Load Case: 11823 11927 (9002+4000+5004)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4614.5 kN	My,Ed = 563.1 kN*m	Mz,Ed = -10.6 kN*m	Vy,Ed = 1.2 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 563.1 kN*m	Mz,Ed,max = -11.4 kN*m	Vy,T,Rd = 4824.7 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = -163.8 kN
			Vz,T,Rd = 4536.6 kN
			Tt,Ed = 21.7 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis:

Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.77	Lamz = 59.40	kzz = 1.10

About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.48 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.48 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.04 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.49 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.61 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2216 DIM_ARCO-02_2216 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11823 11927 (9002+4000+5004)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4615.7 kN	My,Ed = 454.0 kN*m	Mz,Ed = -11.0 kN*m	Vy,Ed = 1.2 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 454.0 kN*m	Mz,Ed,max = -11.8 kN*m	Vy,T,Rd = 3848.9 kN
Nb,Rd = 7857.5 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = -75.8 kN
			Vz,T,Rd = 3679.0 kN
			Tt,Ed = 21.9 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.19	Lz = 11.500 m	Lam_z = 0.77
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.80	kzy = 0.80	Lamz = 59.04	kzz = 1.15

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.55 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.55 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.58 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.73 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:

MEMBER: 2217 DIM_ARCO-02_2217 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 10461 10461 (9002+4000+5004)*1.35+4100*0.68+7001*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4726.3 kN	My,Ed = 197.5 kN*m	Mz,Ed = 77.8 kN*m	Vy,Ed = -13.2 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 225.0 kN*m	Mz,Ed,max = 86.2 kN*m	Vy,T,Rd = 3884.3 kN
Nb,Rd = 7857.5 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 43.3 kN
			Vz,T,Rd = 3699.1 kN
			Tt,Ed = -7.8 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.19	Lz = 11.500 m	Lam_z = 0.77
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.80	kzy = 0.80	Lamz = 59.04	kzz = 1.15

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.50 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.50 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.55 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.73 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2218 DIM_ARCO-02_2218 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 10461 10461 (9002+4000+5004)*1.35+4100*0.68+7001*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4723.9 kN	My,Ed = 225.0 kN*m	Mz,Ed = 86.0 kN*m	Vy,Ed = -12.4 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 306.5 kN*m	Mz,Ed,max = 93.8 kN*m	Vy,T,Rd = 3880.4 kN
Nb,Rd = 7857.5 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 127.4 kN
			Vz,T,Rd = 3696.9 kN
			Tt,Ed = -9.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.19	Lz = 11.500 m	Lam_z = 0.77
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.80	kzy = 0.75	Lamz = 59.04	kzz = 1.15

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.52 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.52 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.58 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.75 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2255 DIM_ARCO-02_2255 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.646 m

LOADS:
Governing Load Case: 10473 10473 (9002+4000+5007)*1.35+4100*0.68+7001*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4485.9 kN	My,Ed = 180.2 kN*m	Mz,Ed = 87.9 kN*m	Vy,Ed = 12.7 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 258.7 kN*m	Mz,Ed,max = 95.8 kN*m	Vy,T,Rd = 3881.4 kN
Nb,Rd = 7857.5 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = -122.8 kN
			Vz,T,Rd = 3697.5 kN
			Tt,Ed = 9.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.19	Lz = 11.500 m	Lam_z = 0.77
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.80	kzy = 0.73	Lamz = 59.04	kzz = 1.14

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.48 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.48 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.54 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.70 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2256 DIM_ARCO-02_2256 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.651 m

LOADS:
Governing Load Case: 10473 10473 (9002+4000+5007)*1.35+4100*0.68+7001*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4488.2 kN	My,Ed = 152.9 kN*m	Mz,Ed = 79.5 kN*m	Vy,Ed = 13.5 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 180.2 kN*m	Mz,Ed,max = 88.0 kN*m	Vy,T,Rd = 3885.5 kN
Nb,Rd = 7857.5 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = -43.0 kN
			Vz,T,Rd = 3699.8 kN
			Tt,Ed = 7.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.19	Lz = 11.500 m	Lam_z = 0.77
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.80	kzy = 0.79	Lamz = 59.04	kzz = 1.14

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.47 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.47 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.51 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.68 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2257 DIM_ARCO-02_2257 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.655 m

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4379.2 kN	My,Ed = 402.2 kN*m	Mz,Ed = -5.0 kN*m	Vy,Ed = 0.1 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 402.2 kN*m	Mz,Ed,max = -5.0 kN*m	Vy,T,Rd = 3850.7 kN
Nb,Rd = 7857.5 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 70.0 kN
			Vz,T,Rd = 3680.0 kN
			Tt,Ed = -21.2 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.19	Lz = 11.500 m	Lam_z = 0.77
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.80	kzy = 0.80	Lamz = 59.04	kzz = 1.13

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.51 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.51 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.02 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.80 < Lambda,max = 200.00 Lambda,z = 59.04 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.53 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.68 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2258 DIM_ARCO-02_2258 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.660 m

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LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4378.1 kN	My,Ed = 504.4 kN*m	Mz,Ed = -5.5 kN*m	Vy,Ed = 0.1 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 504.4 kN*m	Mz,Ed,max = -5.5 kN*m	Vy,T,Rd = 4826.2 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = 153.3 kN
			Vz,T,Rd = 4537.5 kN
			Tt,Ed = -21.1 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.76	Lamz = 59.40	kzz = 1.09

VERIFICATION FORMULAS:

Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.44 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.44 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.03 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.45 < 1.00

(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.57 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2259 DIM_ARCO-02_2259 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.667 m

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LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4375.4 kN	My,Ed = 664.5 kN*m	Mz,Ed = -6.0 kN*m	Vy,Ed = 0.1 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 664.5 kN*m	Mz,Ed,max = -6.0 kN*m	Vy,T,Rd = 4826.5 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = 238.5 kN
			Vz,T,Rd = 4537.6 kN
			Tt,Ed = -21.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.75	Lamz = 59.40	kzz = 1.09

VERIFICATION FORMULAS:

Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.49 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.49 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:

Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.50 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.61 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2260 DIM_ARCO-02_2260 **POINT:** 3 **COORDINATE:** x = 1.00 L = 0.672 m

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4371.7 kN	My,Ed = 877.5 kN*m	Mz,Ed = -6.4 kN*m	Vy,Ed = 0.1 kN
Nc,Rd = 15045.2 kN	My,Ed,max = 877.5 kN*m	Mz,Ed,max = -6.4 kN*m	Vy,T,Rd = 4826.8 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = 315.5 kN
			Vz,T,Rd = 4537.8 kN
			Tt,Ed = -20.9 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 4.200 m	Lam_y = 0.20	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 4.200 m	Xy = 1.00	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 14.90	kzy = 0.75	Lamz = 59.40	kzz = 1.09

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.55 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.55 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)

Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.01 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 14.90 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.56 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.65 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2290 2290 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 10449 10449 (9002+4000+5001)*1.35+4100*0.68+7001*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4595.3 kN	My,Ed = 508.3 kN*m	Mz,Ed = -132.0 kN*m	Vy,Ed = -22.9 kN
Nc,Rd = 15045.2 kN	My,el,Rd = 3415.3 kN*m	Mz,el,Rd = 2255.7 kN*m	Vy,T,Rd = 4865.8 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = -238.0 kN
			Vz,T,Rd = 4559.7 kN
			Tt,Ed = 5.6 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 6.200 m	Lam_y = 0.29	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 6.200 m	Xy = 0.96	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 22.00	kzy = 0.82	Lamz = 59.40	kzz = 1.10

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.51 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.51 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.05 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 22.00 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.56 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.67 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2292 2292 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11829 11933 (9002+4000+5005)*1.35+4100*0.68+6105*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4693.7 kN	My,Ed = 458.5 kN*m	Mz,Ed = 20.9 kN*m	Vy,Ed = 6.0 kN
Nc,Rd = 12117.3 kN	My,el,Rd = 2789.4 kN*m	Mz,el,Rd = 1839.1 kN*m	Vy,T,Rd = 3888.6 kN
Nb,Rd = 8343.0 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = -219.6 kN
			Vz,T,Rd = 3701.6 kN
			Tt,Ed = 6.1 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.800 m	Lam_y = 0.18	Lz = 10.500 m	Lam_z = 0.71
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.72
Lamy = 13.39	kzy = 0.46	Lamz = 53.90	kzz = 1.11

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.56 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.56 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.52 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.66 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2293 2293 **POINT:** 3 **COORDINATE:** x = 1.00 L = 3.702 m

LOADS:
Governing Load Case: 11839 11943 (9002+4000+5006)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4644.1 kN	My,Ed = 457.5 kN*m	Mz,Ed = -18.1 kN*m	Vy,Ed = 4.2 kN
Nc,Rd = 12117.3 kN	My,el,Rd = 2789.4 kN*m	Mz,el,Rd = 1839.1 kN*m	Vy,T,Rd = 3889.1 kN
Nb,Rd = 8343.0 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 213.1 kN
			Vz,T,Rd = 3701.8 kN
			Tt,Ed = 5.9 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.800 m	Lam_y = 0.18	Lz = 10.500 m	Lam_z = 0.71
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.72
Lamy = 13.39	kzy = 0.49	Lamz = 53.90	kzz = 1.11

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.56 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.56 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.52 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.65 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2294 2294 **POINT:** 3 **COORDINATE:** x = 1.00 L = 3.657 m

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4615.9 kN	My,Ed = 494.8 kN*m	Mz,Ed = -9.6 kN*m	Vy,Ed = 1.6 kN
Nc,Rd = 12117.3 kN	My,el,Rd = 2789.4 kN*m	Mz,el,Rd = 1839.1 kN*m	Vy,T,Rd = 3901.9 kN
Nb,Rd = 8343.0 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 252.2 kN
			Vz,T,Rd = 3709.1 kN
			Tt,Ed = -0.9 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.800 m	Lam_y = 0.18	Lz = 10.500 m	Lam_z = 0.71
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.72
Lamy = 13.39	kzy = 0.48	Lamz = 53.90	kzz = 1.11

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.56 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.56 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.52 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.65 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2295 2295 **POINT:** 3 **COORDINATE:** x = 0.67 L = 2.435 m

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-02

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4616.5 kN	My,Ed = 250.9 kN*m	Mz,Ed = -10.2 kN*m	Vy,Ed = 0.3 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 494.8 kN*m	Mz,Ed,max = -10.5 kN*m	Vy,T,Rd = 3903.0 kN
Nb,Rd = 8343.0 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 33.6 kN
			Vz,T,Rd = 3709.8 kN
			Tt,Ed = 0.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.800 m	Lam_y = 0.18	Lz = 10.500 m	Lam_z = 0.71
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.72
Lamy = 13.39	kzy = 0.48	Lamz = 53.90	kzz = 1.11

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.48 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.48 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.52 < 1.00
(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.65 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2296 2296 **POINT:** 3 **COORDINATE:** x = 0.66 L = 2.460 m

LOADS:
Governing Load Case: 11847 11951 (9002+4000+5007)*1.35+4100*0.68+6107*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: **ARCO-02**

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4552.8 kN	My,Ed = 217.8 kN*m	Mz,Ed = -5.5 kN*m	Vy,Ed = -2.5 kN
Nc,Rd = 12117.3 kN	My,Ed,max = 439.7 kN*m	Mz,Ed,max = -11.3 kN*m	Vy,T,Rd = 3891.5 kN
Nb,Rd = 8343.0 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 27.7 kN
			Vz,T,Rd = 3703.2 kN
			Tt,Ed = -5.0 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.800 m	Lam_y = 0.18	Lz = 10.500 m	Lam_z = 0.71
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.72
Lamy = 13.39	kzy = 0.47	Lamz = 53.90	kzz = 1.11

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.46 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.46 < 1.00 (6.2.1.(5))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)

Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.50 < 1.00
(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.63 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2297 2297 **POINT:** 3 **COORDINATE:** x = 1.00 L = 3.796 m

LOADS:
Governing Load Case: 11845 11949 (9002+4000+5007)*1.35+4100*0.68+6105*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: **ARCO-02**

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=200.0 cm2	Az=190.1 cm2	Ax=358.4 cm2
tw=12.0 mm	Iy=288765.9 cm4	Iz=135990.7 cm4	Ix=271672.2 cm4
tf=20.0 mm	Wely=8250.5 cm3	Welz=5439.6 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4507.1 kN	My,Ed = 416.2 kN*m	Mz,Ed = 15.1 kN*m	Vy,Ed = -4.1 kN
Nc,Rd = 12117.3 kN	My,el,Rd = 2789.4 kN*m	Mz,el,Rd = 1839.1 kN*m	Vy,T,Rd = 3892.9 kN
Nb,Rd = 8343.0 kN	My,c,Rd = 2789.4 kN*m	Mz,c,Rd = 1839.1 kN*m	Vz,Ed = 210.6 kN
			Vz,T,Rd = 3704.1 kN
			Tt,Ed = -4.4 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.800 m	Lam_y = 0.18	Lz = 10.500 m	Lam_z = 0.71
Lcr,y = 3.800 m	Xy = 1.00	Lcr,z = 10.500 m	Xz = 0.72
Lamy = 13.39	kzy = 0.44	Lamz = 53.90	kzz = 1.11

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.53 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.53 < 1.00 (6.2.1.(5))

Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.06 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 13.39 < Lambda,max = 200.00 Lambda,z = 53.90 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.49 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.62 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2299 2299 **POINT:** 3 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 10473 10473 (9002+4000+5007)*1.35+4100*0.68+7001*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: ARCO-01

h=700.0 mm	gM0=1.05	gM1=1.10	
b=500.0 mm	Ay=250.0 cm2	Az=234.0 cm2	Ax=445.0 cm2
tw=15.0 mm	Iy=353552.1 cm4	Iz=166792.1 cm4	Ix=332839.7 cm4
tf=25.0 mm	Wely=10101.5 cm3	Welz=6671.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 4736.2 kN	My,Ed = 408.1 kN*m	Mz,Ed = -126.9 kN*m	Vy,Ed = 22.8 kN
Nc,Rd = 15045.2 kN	My,el,Rd = 3415.3 kN*m	Mz,el,Rd = 2255.7 kN*m	Vy,T,Rd = 4875.1 kN
Nb,Rd = 9713.3 kN	My,c,Rd = 3415.3 kN*m	Mz,c,Rd = 2255.7 kN*m	Vz,Ed = 330.0 kN
			Vz,T,Rd = 4564.9 kN
			Tt,Ed = -1.9 kN*m
			Class of section = 3

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

Ly = 6.200 m	Lam_y = 0.29	Lz = 11.500 m	Lam_z = 0.78
Lcr,y = 6.200 m	Xy = 0.96	Lcr,z = 11.500 m	Xz = 0.68
Lamy = 22.00	kzy = 0.34	Lamz = 59.40	kzz = 1.10

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd + My,Ed/My,c,Rd + Mz,Ed/Mz,c,Rd = 0.49 < 1.00 (6.2.1(7))
sqrt(Sig,x,Ed^2 + 3*(Tau,ty,Ed)^2)/(fy/gM0) = 0.49 < 1.00 (6.2.1.(5))

Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.07 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 22.00 < Lambda,max = 200.00 Lambda,z = 59.40 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed/(XLT*My,Rk/gM1) + kyz*Mz,Ed/(Mz,Rk/gM1) = 0.46 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed/(XLT*My,Rk/gM1) + kzz*Mz,Ed/(Mz,Rk/gM1) = 0.60 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2301 DIM_PEND_2301 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11794 11898 (9002+4000+5001)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -725.5 kN	My,Ed = 0.0 kN*m	Mz,Ed = 3.4 kN*m	Vy,Ed = 1.7 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = -0.0 kN
	MN,y,Rd = 45.5 kN*m	MN,z,Rd = 45.5 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.51 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.08 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.34 + (Mz,Ed/MN,z,Rd)^2.34 = 0.00 < 1.00 (6.2.9.1.(6))

Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2302 DIM_PEND_2302 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11810 11914 (9002+4000+5003)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -458.1 kN	My,Ed = 0.0 kN*m	Mz,Ed = 2.7 kN*m	Vy,Ed = 0.7 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = -0.0 kN
	MN,y,Rd = 62.8 kN*m	MN,z,Rd = 62.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.04 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.88 + (Mz,Ed/MN,z,Rd)^1.88 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2303 DIM_PEND_2303 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11818 11922 (9002+4000+5004)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -303.9 kN	My,Ed = -0.0 kN*m	Mz,Ed = 2.5 kN*m	Vy,Ed = 0.5 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.21 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.04 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.75 + (Mz,Ed/MN,z,Rd)^1.75 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2304 DIM_PEND_2304 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11826 11930 (9002+4000+5005)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -271.1 kN	My,Ed = -0.0 kN*m	Mz,Ed = 2.3 kN*m	Vy,Ed = 0.4 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = -0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.19 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.03 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.73 + (Mz,Ed/MN,z,Rd)^1.73 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*

ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2305 DIM_PEND_2305 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11834 11938 (9002+4000+5006)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -253.0 kN	My,Ed = 0.0 kN*m	Mz,Ed = 2.2 kN*m	Vy,Ed = 0.3 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = -0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.18 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.03 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.72 + (Mz,Ed/MN,z,Rd)^1.72 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2306 DIM_PEND_2306 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11842 11946 (9002+4000+5007)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -257.7 kN	My,Ed = -0.0 kN*m	Mz,Ed = 2.2 kN*m	Vy,Ed = 0.3 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.18 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.03 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.72 + (Mz,Ed/MN,z,Rd)^1.72 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2307 DIM_PEND_2307 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11842 11946 (9002+4000+5007)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -208.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = 2.3 kN*m	Vy,Ed = 0.3 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.15 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.03 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.70 + (Mz,Ed/MN,z,Rd)^1.70 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2308 DIM_PEND_2308 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11834 11938 (9002+4000+5006)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -196.1 kN	My,Ed = -0.0 kN*m	Mz,Ed = 2.3 kN*m	Vy,Ed = 0.4 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.14 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.03 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.70 + (Mz,Ed/MN,z,Rd)^1.70 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2309 DIM_PEND_2309 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10

b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -219.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = 3.3 kN*m	Vy,Ed = 0.6 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.15 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.05 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.71 + (Mz,Ed/MN,z,Rd)^1.71 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2310 DIM_PEND_2310 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11842 11946 (9002+4000+5007)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa



SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -333.6 kN	My,Ed = -0.0 kN*m	Mz,Ed = 2.8 kN*m	Vy,Ed = 0.7 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.3 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.0 kN
	MN,y,Rd = 70.8 kN*m	MN,z,Rd = 70.8 kN*m	Vz,T,Rd = 387.3 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.23 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.04 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.77 + (Mz,Ed/MN,z,Rd)^1.77 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2311 DIM_PEND_2311 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11842 11946 (9002+4000+5007)*1.35+4100*0.68+6102*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: PEND-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=19.8 cm2	Az=19.8 cm2	Ax=42.2 cm2
tw=8.0 mm	Iy=1231.2 cm4	Iz=1231.2 cm4	Ix=1849.0 cm4
tf=8.0 mm	Wply=209.3 cm3	Wplz=209.3 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -436.2 kN	My,Ed = -0.1 kN*m	Mz,Ed = 3.5 kN*m	Vy,Ed = 1.5 kN
Nt,Rd = 1428.1 kN	My,pl,Rd = 70.8 kN*m	Mz,pl,Rd = 70.8 kN*m	Vy,T,Rd = 387.2 kN
	My,c,Rd = 70.8 kN*m	Mz,c,Rd = 70.8 kN*m	Vz,Ed = 0.1 kN

	MN,y,Rd = 64.2 kN*m	MN,z,Rd = 64.2 kN*m	Vz,T,Rd = 387.2 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.31 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.05 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.86 + (Mz,Ed/MN,z,Rd)^1.86 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2411 DIM_DIAG-01_2411 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11827 11931 (9002+4000+5005)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -607.8 kN	My,Ed = 0.0 kN*m	Mz,Ed = -0.3 kN*m	Vy,Ed = -0.0 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.3 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 64.3 kN*m	MN,z,Rd = 54.5 kN*m	Vz,T,Rd = 468.4 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.37 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.97 + (Mz,Ed/MN,z,Rd)^1.97 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2412 DIM_DIAG-02_2412 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 12673 12777 (9002+4015+5006)*1.35+4115*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 212.4 kN	My,Ed = 0.0 kN*m	Mz,Ed = -2.7 kN*m	Vy,Ed = -0.4 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 2.1 kN*m	Mz,Ed,max = -2.7 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 516.9 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 1.2 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 6.900 m	Lam_y = 1.73	Lz = 6.900 m	Lam_z = 1.55
Lcr,y = 6.900 m	Xy = 0.25	Lcr,z = 6.210 m	Xz = 0.30
Lamy = 131.93	kyy = 1.26	Lamz = 118.74	kyz = 0.46

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.10 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.03 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.68 + (Mz,Ed/MN,z,Rd)^1.68 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 131.93 < Lambda,max = 200.00 Lambda,z = 118.74 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.45 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.38 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2421 DIM_DIAG-03_2421 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11835 11939 (9002+4000+5006)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -343.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = -0.4 kN*m	Vy,Ed = -0.1 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.4 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 77.1 kN*m	MN,z,Rd = 68.7 kN*m	Vz,T,Rd = 468.4 kN
			Tt,Ed = -0.0 kN*m

Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.21 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.75 + (Mz,Ed/MN,z,Rd)^1.75 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2422 DIM_DIAG-04_2422 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11561 11665 9001*1.00+(4011+5007)*1.35+4111*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 72.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = -2.2 kN*m	Vy,Ed = -0.3 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 1.7 kN*m	Mz,Ed,max = -2.2 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 430.2 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 7.700 m	Lam_y = 1.93	Lz = 7.700 m	Lam_z = 1.73
Lcr,y = 7.700 m	Xy = 0.21	Lcr,z = 6.930 m	Xz = 0.25
Lamy = 147.22	kyy = 1.08	Lamz = 132.50	kyz = 0.40

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.03 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 147.22 < Lambda,max = 200.00 Lambda,z = 132.50 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.20 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.17 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2431 DIM_DIAG-05_2431 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11843 11947 (9002+4000+5007)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -333.2 kN	My,Ed = -0.0 kN*m	Mz,Ed = -0.4 kN*m	Vy,Ed = -0.0 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.4 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN

MN,y,Rd = 77.1 kN*m MN,z,Rd = 69.0 kN*m Vz,T,Rd = 468.4 kN
Tt,Ed = -0.0 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.21 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.74 + (Mz,Ed/MN,z,Rd)^1.74 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2432 DIM_DIAG-06_2432 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11281 11385 9001*1.00+(4006+5007)*1.35+4106*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 62.2 kN	My,Ed = -0.0 kN*m	Mz,Ed = -2.1 kN*m	Vy,Ed = -0.3 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 1.8 kN*m	Mz,Ed,max = -2.1 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 390.3 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 8.150 m	Lam_y = 2.04	Lz = 8.150 m	Lam_z = 1.84
Lcr,y = 8.150 m	Xy = 0.19	Lcr,z = 7.335 m	Xz = 0.23
Lamy = 155.83	kyy = 1.07	Lamz = 140.25	kyz = 0.40

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.03 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 155.83 < Lambda,max = 200.00 Lambda,z = 140.25 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.19 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.16 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2441 DIM_DIAG-07_2441 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11843 11947 (9002+4000+5007)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -289.1 kN	My,Ed = -0.0 kN*m	Mz,Ed = -0.3 kN*m	Vy,Ed = -0.0 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.3 kN

My,c,Rd = 77.1 kN*m Mz,c,Rd = 69.0 kN*m Vz,Ed = 0.9 kN
MN,y,Rd = 77.1 kN*m MN,z,Rd = 69.0 kN*m Vz,T,Rd = 468.4 kN
Tt,Ed = -0.0 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.18 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.72 + (Mz,Ed/MN,z,Rd)^1.72 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2442 DIM_DIAG-08_2442 **POINT:** 3 **COORDINATE:** x = 1.00 L = 8.258 m

---

LOADS:
Governing Load Case: 12500 12604 (9002+4012+5005)*1.35+4112*0.68+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm gM0=1.05 gM1=1.10
b=140.0 mm Ay=28.8 cm2 Az=28.8 cm2 Ax=63.7 cm2
tw=12.5 mm Iy=1743.8 cm4 Iz=1743.8 cm4 Ix=2624.0 cm4
tf=12.5 mm Wply=305.8 cm3 Wplz=305.8 cm3

INTERNAL FORCES AND CAPACITIES:

N,Ed = -330.7 kN My,Ed = -0.0 kN*m Mz,Ed = 0.1 kN*m Vy,Ed = -0.7 kN
Nt,Rd = 2155.4 kN My,pl,Rd = 103.4 kN*m Mz,pl,Rd = 103.4 kN*m Vy,T,Rd = 561.2 kN
My,c,Rd = 103.4 kN*m Mz,c,Rd = 103.4 kN*m Vz,Ed = -1.2 kN
MN,y,Rd = 103.4 kN*m MN,z,Rd = 103.4 kN*m Vz,T,Rd = 561.2 kN
Tt,Ed = 0.0 kN*m

Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.15 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.71 + (Mz,Ed/MN,z,Rd)^1.71 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2451 DIM_DIAG-07_2451 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 12563 12667 (9002+4013+5006)*1.35+4113*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm gM0=1.05 gM1=1.10
b=120.0 mm Ay=20.0 cm2 Az=24.0 cm2 Ax=48.0 cm2
tw=10.0 mm Iy=1304.0 cm4 Iz=1016.0 cm4 Ix=1720.1 cm4
tf=10.0 mm Wply=228.0 cm3 Wplz=204.0 cm3

INTERNAL FORCES AND CAPACITIES:

N,Ed = -307.4 kN My,Ed = -0.0 kN*m Mz,Ed = 0.4 kN*m Vy,Ed = 0.0 kN
Nt,Rd = 1622.9 kN My,pl,Rd = 77.1 kN*m Mz,pl,Rd = 69.0 kN*m Vy,T,Rd = 390.4 kN
My,c,Rd = 77.1 kN*m Mz,c,Rd = 69.0 kN*m Vz,Ed = 0.9 kN
MN,y,Rd = 77.1 kN*m MN,z,Rd = 69.0 kN*m Vz,T,Rd = 468.4 kN
Tt,Ed = 0.0 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.19 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.73 + (Mz,Ed/MN,z,Rd)^1.73 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2452 DIM_DIAG-08_2452 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11609 11713 9001*1.00+(4012+5006)*1.35+4112*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 78.4 kN	My,Ed = -0.0 kN*m	Mz,Ed = 2.0 kN*m	Vy,Ed = 0.2 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 1.8 kN*m	Mz,Ed,max = 2.0 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 382.1 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 8.250 m	Lam_y = 2.06	Lz = 8.250 m	Lam_z = 1.86
Lcr,y = 8.250 m	Xy = 0.19	Lcr,z = 7.425 m	Xz = 0.22
Lamy = 157.74	kyy = 1.11	Lamz = 141.97	kyz = 0.41

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.04 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 157.74 < Lambda,max = 200.00 Lambda,z = 141.97 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.23 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.20 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2461 DIM_DIAG-05_2461 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 12627 12731 (9002+4014+5007)*1.35+4114*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -332.0 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.4 kN*m	Vy,Ed = 0.0 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.4 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 77.1 kN*m	MN,z,Rd = 69.0 kN*m	Vz,T,Rd = 468.4 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.20 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.74 + (Mz,Ed/MN,z,Rd)^1.74 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2462 DIM_DIAG-06_2462 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11673 11777 9001*1.00+(4013+5007)*1.35+4113*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 84.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = 2.3 kN*m	Vy,Ed = 0.3 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 1.8 kN*m	Mz,Ed,max = 2.3 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 390.3 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 8.150 m	Lam_y = 2.04	Lz = 8.150 m	Lam_z = 1.84
Lcr,y = 8.150 m	Xy = 0.19	Lcr,z = 7.335 m	Xz = 0.23
Lamy = 155.83	kyy = 1.11	Lamz = 140.25	kyz = 0.41

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.04 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 155.83 < Lambda,max = 200.00 Lambda,z = 140.25 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.25 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.21 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2471 DIM_DIAG-03_2471 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11843 11947 (9002+4000+5007)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -316.1 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.3 kN*m	Vy,Ed = 0.0 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.4 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 77.1 kN*m	MN,z,Rd = 69.0 kN*m	Vz,T,Rd = 468.5 kN
			Tt,Ed = 0.0 kN*m

Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.19 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.73 + (Mz,Ed/MN,z,Rd)^1.73 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2472 DIM_DIAG-04_2472 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 11729 11833 9001*1.00+(4014+5007)*1.35+4114*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 83.4 kN	My,Ed = -0.0 kN*m	Mz,Ed = 2.5 kN*m	Vy,Ed = 0.3 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 1.7 kN*m	Mz,Ed,max = 2.5 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 430.2 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 7.700 m	Lam_y = 1.93	Lz = 7.700 m	Lam_z = 1.73
Lcr,y = 7.700 m	Xy = 0.21	Lcr,z = 6.930 m	Xz = 0.25
Lamy = 147.22	kyy = 1.10	Lamz = 132.50	kyz = 0.40

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.04 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 147.22 < Lambda,max = 200.00 Lambda,z = 132.50 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.22 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.19 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2481 DIM_DIAG-01_2481 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 11843 11947 (9002+4000+5007)*1.35+4100*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-TRACC

h=140.0 mm	gM0=1.05	gM1=1.10	
b=120.0 mm	Ay=20.0 cm2	Az=24.0 cm2	Ax=48.0 cm2
tw=10.0 mm	Iy=1304.0 cm4	Iz=1016.0 cm4	Ix=1720.1 cm4
tf=10.0 mm	Wply=228.0 cm3	Wplz=204.0 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -564.4 kN	My,Ed = 0.0 kN*m	Mz,Ed = 0.2 kN*m	Vy,Ed = 0.0 kN
Nt,Rd = 1622.9 kN	My,pl,Rd = 77.1 kN*m	Mz,pl,Rd = 69.0 kN*m	Vy,T,Rd = 390.4 kN
	My,c,Rd = 77.1 kN*m	Mz,c,Rd = 69.0 kN*m	Vz,Ed = 0.9 kN

MN,y,Rd = 67.0 kN*m MN,z,Rd = 56.8 kN*m Vz,T,Rd = 468.4 kN
Tt,Ed = 0.0 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.35 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.92 + (Mz,Ed/MN,z,Rd)^1.92 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 2482 DIM_DIAG-02_2482 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

---

LOADS:
Governing Load Case: 12681 12785 (9002+4015+5007)*1.35+4115*0.68+6101*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: DIAG-COMP

h=140.0 mm	gM0=1.05	gM1=1.10	
b=140.0 mm	Ay=28.8 cm2	Az=28.8 cm2	Ax=63.7 cm2
tw=12.5 mm	Iy=1743.8 cm4	Iz=1743.8 cm4	Ix=2624.0 cm4
tf=12.5 mm	Wply=305.8 cm3	Wplz=305.8 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 194.4 kN	My,Ed = 0.0 kN*m	Mz,Ed = 3.3 kN*m	Vy,Ed = 0.5 kN
Nc,Rd = 2155.4 kN	My,Ed,max = 2.1 kN*m	Mz,Ed,max = 3.3 kN*m	Vy,T,Rd = 561.2 kN
Nb,Rd = 516.9 kN	My,c,Rd = 103.4 kN*m	Mz,c,Rd = 103.4 kN*m	Vz,Ed = 1.2 kN
	MN,y,Rd = 103.4 kN*m	MN,z,Rd = 103.4 kN*m	Vz,T,Rd = 561.2 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 6.900 m	Lam_y = 1.73	Lz = 6.900 m	Lam_z = 1.55
Lcr,y = 6.900 m	Xy = 0.25	Lcr,z = 6.210 m	Xz = 0.30
Lamy = 131.93	kyy = 1.23	Lamz = 118.74	kyz = 0.45

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.09 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.03 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.68 + (Mz,Ed/MN,z,Rd)^1.68 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 131.93 < Lambda,max = 200.00 Lambda,z = 118.74 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.42 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.36 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4101 DIM_TAB-ARRX_4101 **POINT:** 3 **COORDINATE:** x = 1.00 L = 3.570 m

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LOADS:
Governing Load Case: 12748 13060 9001*1.00+4001*0.54+5001*1.01+4101*0.27+5000*1.35+6104*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 101.9 kN	My,Ed = 1.6 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = 0.0 kN
Nc,Rd = 1644.5 kN	My,Ed,max = 3.8 kN*m	Mz,Ed,max = 0.0 kN*m	Vy,T,Rd = 449.7 kN

Nb,Rd = 1086.8 kN	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -2.9 kN
	MN,y,Rd = 93.8 kN*m	MN,z,Rd = 93.8 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 3.570 m	Lam_y = 0.75	Lz = 3.570 m	Lam_z = 0.75
Lcr,y = 3.570 m	Xy = 0.69	Lcr,z = 3.570 m	Xz = 0.69
Lamy = 57.45	kyy = 1.02	Lamz = 57.45	kyz = 0.39

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.06 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 57.45 < Lambda,max = 200.00 Lambda,z = 57.45 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.14 < 1.00
(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.12 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4102 DIM_TAB-ARRX_4102 **POINT:** 3 **COORDINATE:** x =
1.00 L = 3.588 m

LOADS:
Governing Load Case: 15410 15930 9002*1.35+4000*0.54+5005*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -1013.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -0.5 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -0.9 kN
	MN,y,Rd = 47.2 kN*m	MN,z,Rd = 47.2 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.62 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.91 + (Mz,Ed/MN,z,Rd)^2.91 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4103 DIM_TAB-ARRX_4103 **POINT:** 3 **COORDINATE:** x =
1.00 L = 3.652 m

LOADS:
Governing Load Case: 15410 15930 9002*1.35+4000*0.54+5005*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -1048.8 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -0.3 kN

Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -0.9 kN
	MN,y,Rd = 44.5 kN*m	MN,z,Rd = 44.5 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.64 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 3.07 + (Mz,Ed/MN,z,Rd)^3.07 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4104 DIM_TAB-ARRX_4104 **POINT:** 3 **COORDINATE:** x = 1.00 L = 3.651 m

LOADS:
Governing Load Case: 15418 15938 9002*1.35+4000*0.54+5006*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -1292.0 kN	My,Ed = -0.1 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -0.1 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -0.9 kN
	MN,y,Rd = 26.4 kN*m	MN,z,Rd = 26.4 kN*m	Vz,T,Rd = 449.7 kN

Tt,Ed = -0.0 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.79 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4105 DIM_TAB-ARRX_4105 **POINT:** 3 **COORDINATE:** x = 1.00 L = 3.650 m

LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -1300.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -0.0 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -0.9 kN
	MN,y,Rd = 25.7 kN*m	MN,z,Rd = 25.7 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.79 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4106 DIM_TAB-ARRX_4106 **POINT:** 3 **COORDINATE:** x = 1.00 L = 3.650 m

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LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -1347.8 kN	My,Ed = 0.1 kN*m	Mz,Ed = -0.0 kN*m	Vy,Ed = 0.0 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -0.9 kN
	MN,y,Rd = 22.2 kN*m	MN,z,Rd = 22.2 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.82 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.01 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4107 DIM_TAB-ARRX_4107 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 15418 15938 9002*1.35+4000*0.54+5006*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -1347.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.1 kN*m	Vy,Ed = 0.0 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 22.2 kN*m	MN,z,Rd = 22.2 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.82 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4108 DIM_TAB-ARRX_4108 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -1291.8 kN	My,Ed = -0.1 kN*m	Mz,Ed = 0.4 kN*m	Vy,Ed = 0.1 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 26.4 kN*m	MN,z,Rd = 26.4 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.79 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))

Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 5.48 + (Mz,Ed/MN,z,Rd)^5.48 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4109 DIM_TAB-ARRX_4109 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -1287.6 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.2 kN*m	Vy,Ed = 0.1 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 26.7 kN*m	MN,z,Rd = 26.7 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.78 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 5.40 + (Mz,Ed/MN,z,Rd)^5.40 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)

Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4110 DIM_TAB-ARRX_4110 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -1024.1 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.2 kN*m	Vy,Ed = 0.1 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 46.4 kN*m	MN,z,Rd = 46.4 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.62 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.96 + (Mz,Ed/MN,z,Rd)^2.96 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4111 DIM_TAB-ARRX_4111 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -1009.7 kN	My,Ed = 0.0 kN*m	Mz,Ed = 0.2 kN*m	Vy,Ed = 0.1 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 47.5 kN*m	MN,z,Rd = 47.5 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.61 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.89 + (Mz,Ed/MN,z,Rd)^2.89 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4112 DIM_TAB-ARRX_4112 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 15425 15945 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6101*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -60.0 kN	My,Ed = 0.0 kN*m	Mz,Ed = 0.3 kN*m	Vy,Ed = 0.1 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 0.9 kN
	MN,y,Rd = 93.8 kN*m	MN,z,Rd = 93.8 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.04 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4201 DIM_TAB-ARRX_4201 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 15402 15922 9002*1.35+4000*0.54+5004*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -823.9 kN	My,Ed = -0.0 kN*m	Mz,Ed = 1.1 kN*m	Vy,Ed = 0.2 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.4 kN
	MN,y,Rd = 61.3 kN*m	MN,z,Rd = 61.3 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.50 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.32 + (Mz,Ed/MN,z,Rd)^2.32 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4202 DIM_TAB-ARRX_4202 **POINT:** 3 **COORDINATE:** x = 1.00 L = 5.744 m

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LOADS:
Governing Load Case: 15402 15922 9002*1.35+4000*0.54+5004*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -868.5 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -0.1 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -1.4 kN
	MN,y,Rd = 58.0 kN*m	MN,z,Rd = 58.0 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.53 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.42 + (Mz,Ed/MN,z,Rd)^2.42 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4203 DIM_TAB-ARRX_4203 **POINT:** 1 **COORDINATE:** x =

0.00 L = 0.000 m

LOADS:
Governing Load Case: 12747 13059 9001*1.00+4001*0.54+5001*1.01+4101*0.27+5000*1.35+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 94.2 kN	My,Ed = -0.2 kN*m	Mz,Ed = -0.3 kN*m	Vy,Ed = -0.0 kN
Nc,Rd = 1644.5 kN	My,Ed,max = 1.3 kN*m	Mz,Ed,max = -0.3 kN*m	Vy,T,Rd = 449.3 kN
Nb,Rd = 671.8 kN	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.1 kN
	MN,y,Rd = 93.8 kN*m	MN,z,Rd = 93.8 kN*m	Vz,T,Rd = 449.3 kN
			Tt,Ed = 0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

Ly = 5.756 m	Lam_y = 1.21	Lz = 5.756 m	Lam_z = 1.21
Lcr,y = 5.756 m	Xy = 0.43	Lcr,z = 5.756 m	Xz = 0.43
Lamy = 92.62	kyy = 1.04	Lamz = 92.62	kyz = 0.41

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.06 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 92.62 < Lambda,max = 200.00 Lambda,z = 92.62 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.16 < 1.00
(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.15 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*

ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4204 DIM_TAB-ARRX_4204 **POINT:** 3 **COORDINATE:** x = 1.00 L = 5.756 m

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LOADS:
Governing Load Case: 13531 13843 9001*1.00+4015*0.54+5001*1.01+4115*0.27+5000*1.35+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 115.1 kN	My,Ed = -0.2 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -0.1 kN
Nc,Rd = 1644.5 kN	My,Ed,max = 1.3 kN*m	Mz,Ed,max = -0.8 kN*m	Vy,T,Rd = 449.3 kN
Nb,Rd = 671.8 kN	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -1.1 kN
	MN,y,Rd = 93.8 kN*m	MN,z,Rd = 93.8 kN*m	Vz,T,Rd = 449.3 kN
			Tt,Ed = -0.1 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 5.756 m	Lam_y = 1.21	Lz = 5.756 m	Lam_z = 1.21
Lcr,y = 5.756 m	Xy = 0.43	Lcr,z = 5.756 m	Xz = 0.43
Lamy = 92.62	kyy = 1.07	Lamz = 92.62	kyz = 0.41

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.07 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 92.62 < Lambda,max = 200.00 Lambda,z = 92.62 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.19 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.19 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4205 DIM_TAB-ARRX_4205 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 15418 15938 9002*1.35+4000*0.54+5006*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -549.6 kN	My,Ed = 0.0 kN*m	Mz,Ed = 1.4 kN*m	Vy,Ed = 0.3 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.5 kN
	MN,y,Rd = 81.8 kN*m	MN,z,Rd = 81.8 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.33 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.90 + (Mz,Ed/MN,z,Rd)^1.90 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4206 DIM_TAB-ARRX_4206 **POINT:** 3 **COORDINATE:** x = 1.00 L = 5.796 m

LOADS:
Governing Load Case: 15418 15938 9002*1.35+4000*0.54+5006*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -587.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -0.3 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -1.5 kN
	MN,y,Rd = 79.0 kN*m	MN,z,Rd = 79.0 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.94 + (Mz,Ed/MN,z,Rd)^1.94 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4207 DIM_TAB-ARRX_4207 **POINT:** 3 **COORDINATE:** x = 1.00 L = 5.795 m

LOADS:
Governing Load Case: 15410 15930 9002*1.35+4000*0.54+5005*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -419.7 kN	My,Ed = 0.1 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -0.2 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -1.5 kN
	MN,y,Rd = 91.6 kN*m	MN,z,Rd = 91.6 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.26 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.79 + (Mz,Ed/MN,z,Rd)^1.79 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4208 DIM_TAB-ARRX_4208 **POINT:** 1 **COORDINATE:** x =

0.00 L = 0.000 m

LOADS:
Governing Load Case: 15410 15930 9002*1.35+4000*0.54+5005*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -361.6 kN	My,Ed = 0.1 kN*m	Mz,Ed = 1.4 kN*m	Vy,Ed = 0.2 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.5 kN
	MN,y,Rd = 93.8 kN*m	MN,z,Rd = 93.8 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.22 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.76 + (Mz,Ed/MN,z,Rd)^1.76 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4209 DIM_TAB-ARRX_4209 **POINT:** 1 **COORDINATE:** x =
0.00 L = 0.000 m

LOADS:

Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -487.4 kN	My,Ed = -0.0 kN*m	Mz,Ed = 1.6 kN*m	Vy,Ed = 0.3 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.5 kN
	MN,y,Rd = 86.5 kN*m	MN,z,Rd = 86.5 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.30 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.84 + (Mz,Ed/MN,z,Rd)^1.84 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4210 DIM_TAB-ARRX_4210 **POINT:** 3 **COORDINATE:** x =
1.00 L = 5.794 m

LOADS:
Governing Load Case: 15410 15930 9002*1.35+4000*0.54+5005*1.01+4100*0.27+6102*1.50

MATERIAL:

S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -513.5 kN	My,Ed = 0.1 kN*m	Mz,Ed = 0.0 kN*m	Vy,Ed = -0.2 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -1.5 kN
	MN,y,Rd = 84.6 kN*m	MN,z,Rd = 84.6 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.31 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.87 + (Mz,Ed/MN,z,Rd)^1.87 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4211 DIM_TAB-ARRX_4211 **POINT:** 3 **COORDINATE:** x = 0.80 L = 4.635 m

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LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -494.5 kN	My,Ed = 1.4 kN*m	Mz,Ed = -0.3 kN*m	Vy,Ed = -0.3 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -0.9 kN
	MN,y,Rd = 86.0 kN*m	MN,z,Rd = 86.0 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.30 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.85 + (Mz,Ed/MN,z,Rd)^1.85 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4212 DIM_TAB-ARRX_4212 **POINT:** 2 **COORDINATE:** x = 0.13 L = 0.740 m

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LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -433.6 kN	My,Ed = 1.0 kN*m	Mz,Ed = 1.3 kN*m	Vy,Ed = 0.3 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.1 kN
	MN,y,Rd = 90.5 kN*m	MN,z,Rd = 90.5 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.26 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.01 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.80 + (Mz,Ed/MN,z,Rd)^1.80 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4213 DIM_TAB-ARRX_4213 **POINT:** 2 **COORDINATE:** x = 0.47 L = 2.704 m

LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4

tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -442.4 kN	My,Ed = 2.2 kN*m	Mz,Ed = 0.9 kN*m	Vy,Ed = 0.3 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 0.1 kN
	MN,y,Rd = 89.9 kN*m	MN,z,Rd = 89.9 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.27 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.81 + (Mz,Ed/MN,z,Rd)^1.81 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4214 DIM_TAB-ARRX_4214 **POINT:** 1 **COORDINATE:** x = 0.20 L = 1.159 m

LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -476.2 kN
Nt,Rd = 1644.5 kN
My,Ed = 1.4 kN*m
My,pl,Rd = 93.8 kN*m
My,c,Rd = 93.8 kN*m
MN,y,Rd = 87.3 kN*m
Mz,Ed = -1.2 kN*m
Mz,pl,Rd = 93.8 kN*m
Mz,c,Rd = 93.8 kN*m
MN,z,Rd = 87.3 kN*m
Vy,Ed = -0.3 kN
Vy,T,Rd = 449.7 kN
Vz,Ed = 0.9 kN
Vz,T,Rd = 449.7 kN
Tt,Ed = 0.0 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.29 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.83 + (Mz,Ed/MN,z,Rd)^1.83 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4215 DIM_TAB-ARRX_4215 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 15418 15938 9002*1.35+4000*0.54+5006*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm
b=160.0 mm
tw=8.0 mm
tf=8.0 mm
gM0=1.05
Ay=23.0 cm2
Iy=1878.2 cm4
Wply=277.5 cm3
gM1=1.10
Az=23.0 cm2
Iz=1878.2 cm4
Wplz=277.5 cm3
Ax=48.6 cm2
Ix=2819.8 cm4

INTERNAL FORCES AND CAPACITIES:

N,Ed = -521.4 kN
Nt,Rd = 1644.5 kN
My,Ed = -0.0 kN*m
My,pl,Rd = 93.8 kN*m
My,c,Rd = 93.8 kN*m
Mz,Ed = -1.4 kN*m
Mz,pl,Rd = 93.8 kN*m
Mz,c,Rd = 93.8 kN*m
Vy,Ed = -0.2 kN
Vy,T,Rd = 449.7 kN
Vz,Ed = 1.5 kN

MN,y,Rd = 84.0 kN*m
MN,z,Rd = 84.0 kN*m
Vz,T,Rd = 449.7 kN
Tt,Ed = 0.0 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.32 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.87 + (Mz,Ed/MN,z,Rd)^1.87 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4216 DIM_TAB-ARRX_4216 **POINT:** 3 **COORDINATE:** x = 1.00 L = 5.794 m

LOADS:
Governing Load Case: 15418 15938 9002*1.35+4000*0.54+5006*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm
b=160.0 mm
tw=8.0 mm
tf=8.0 mm
gM0=1.05
Ay=23.0 cm2
Iy=1878.2 cm4
Wply=277.5 cm3
gM1=1.10
Az=23.0 cm2
Iz=1878.2 cm4
Wplz=277.5 cm3
Ax=48.6 cm2
Ix=2819.8 cm4

INTERNAL FORCES AND CAPACITIES:

N,Ed = -474.6 kN
Nt,Rd = 1644.5 kN
My,Ed = -0.0 kN*m
My,pl,Rd = 93.8 kN*m
My,c,Rd = 93.8 kN*m
MN,y,Rd = 87.5 kN*m
Mz,Ed = -0.0 kN*m
Mz,pl,Rd = 93.8 kN*m
Mz,c,Rd = 93.8 kN*m
MN,z,Rd = 87.5 kN*m
Vy,Ed = 0.3 kN
Vy,T,Rd = 449.7 kN
Vz,Ed = -1.5 kN
Vz,T,Rd = 449.7 kN
Tt,Ed = -0.0 kN*m
Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.29 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.83 + (Mz,Ed/MN,z,Rd)^1.83 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4217 DIM_TAB-ARRX_4217 **POINT:** 3 **COORDINATE:** x = 1.00 L = 5.795 m

LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -345.5 kN	My,Ed = -0.0 kN*m	Mz,Ed = -0.0 kN*m	Vy,Ed = 0.2 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -1.5 kN
	MN,y,Rd = 93.8 kN*m	MN,z,Rd = 93.8 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nt,Rd = 0.21 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.75 + (Mz,Ed/MN,z,Rd)^1.75 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4218 DIM_TAB-ARRX_4218 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -391.0 kN	My,Ed = -0.0 kN*m	Mz,Ed = -1.4 kN*m	Vy,Ed = -0.2 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.5 kN
	MN,y,Rd = 93.7 kN*m	MN,z,Rd = 93.7 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.24 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.77 + (Mz,Ed/MN,z,Rd)^1.77 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4219 DIM_TAB-ARRX_4219 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -595.1 kN	My,Ed = 0.0 kN*m	Mz,Ed = -1.7 kN*m	Vy,Ed = -0.3 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.5 kN
	MN,y,Rd = 78.5 kN*m	MN,z,Rd = 78.5 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.36 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.02 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.95 + (Mz,Ed/MN,z,Rd)^1.95 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4220 DIM_TAB-ARRX_4220 **POINT:** 3 **COORDINATE:** x = 1.00 L = 5.796 m

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LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -547.2 kN	My,Ed = 0.0 kN*m	Mz,Ed = -0.0 kN*m	Vy,Ed = 0.2 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -1.5 kN
	MN,y,Rd = 82.0 kN*m	MN,z,Rd = 82.0 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:

N,Ed/Nt,Rd = 0.33 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.90 + (Mz,Ed/MN,z,Rd)^1.90 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4221 DIM_TAB-ARRX_4221 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 11723 11827 9001*1.00+(4014+5006)*1.35+4114*0.68+6103*0.90

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 75.4 kN	My,Ed = -0.0 kN*m	Mz,Ed = 0.1 kN*m	Vy,Ed = 0.0 kN
Nc,Rd = 1644.5 kN	My,Ed,max = 1.5 kN*m	Mz,Ed,max = 0.1 kN*m	Vy,T,Rd = 449.7 kN
Nb,Rd = 671.8 kN	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.1 kN
	MN,y,Rd = 93.8 kN*m	MN,z,Rd = 93.8 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

Ly = 5.756 m	Lam_y = 1.21	Lz = 5.756 m	Lam_z = 1.21
Lcr,y = 5.756 m	Xy = 0.43	Lcr,z = 5.756 m	Xz = 0.43
Lamy = 92.62	kyy = 1.04	Lamz = 92.62	kyz = 0.39

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.05 < 1.00 (6.2.4.(1))

My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 92.62 < Lambda,max = 200.00 Lambda,z = 92.62 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.13 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.12 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4222 DIM_TAB-ARRX_4222 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 16258 16778 9002*1.35+4015*0.54+5006*1.01+4115*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -130.1 kN	My,Ed = -0.0 kN*m	Mz,Ed = -0.8 kN*m	Vy,Ed = -0.1 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.5 kN
	MN,y,Rd = 93.8 kN*m	MN,z,Rd = 93.8 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:

Section strength check:
N,Ed/Nt,Rd = 0.08 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.01 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.67 + (Mz,Ed/MN,z,Rd)^1.67 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4223 DIM_TAB-ARRX_4223 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -873.8 kN	My,Ed = -0.0 kN*m	Mz,Ed = -2.1 kN*m	Vy,Ed = -0.4 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = 1.4 kN
	MN,y,Rd = 57.6 kN*m	MN,z,Rd = 57.6 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = 0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.53 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))

Mz,Ed/MN,z,Rd = 0.04 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.44 + (Mz,Ed/MN,z,Rd)^2.44 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 4224 DIM_TAB-ARRX_4224 **POINT:** 3 **COORDINATE:** x = 1.00 L = 5.744 m

LOADS:
Governing Load Case: 15426 15946 9002*1.35+4000*0.54+5007*1.01+4100*0.27+6102*1.50

MATERIAL:
S 355 (S 355) fy = 355 MPa

SECTION PARAMETERS: SHS_160.8

h=160.0 mm	gM0=1.05	gM1=1.10	
b=160.0 mm	Ay=23.0 cm2	Az=23.0 cm2	Ax=48.6 cm2
tw=8.0 mm	Iy=1878.2 cm4	Iz=1878.2 cm4	Ix=2819.8 cm4
tf=8.0 mm	Wply=277.5 cm3	Wplz=277.5 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = -825.3 kN	My,Ed = -0.0 kN*m	Mz,Ed = -0.0 kN*m	Vy,Ed = 0.1 kN
Nt,Rd = 1644.5 kN	My,pl,Rd = 93.8 kN*m	Mz,pl,Rd = 93.8 kN*m	Vy,T,Rd = 449.7 kN
	My,c,Rd = 93.8 kN*m	Mz,c,Rd = 93.8 kN*m	Vz,Ed = -1.4 kN
	MN,y,Rd = 61.2 kN*m	MN,z,Rd = 61.2 kN*m	Vz,T,Rd = 449.7 kN
			Tt,Ed = -0.0 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nt,Rd = 0.50 < 1.00 (6.2.3.(1))
My,Ed/MN,y,Rd = 0.00 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.00 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 2.32 + (Mz,Ed/MN,z,Rd)^2.32 = 0.00 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)

Vz,Ed/Vz,T,Rd = 0.00 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 5001 DIM_ARCO-ARRIOSTRAM_5001 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 16278 17006 9002*1.35+7012*1.50

MATERIAL:
S 275 (S 275) fy = 275 MPa

SECTION PARAMETERS: ARCO-ARRIOST

h=490.0 mm	gM0=1.05	gM1=1.10	
b=425.0 mm	Ay=127.5 cm2	Az=138.0 cm2	Ax=265.5 cm2
tw=15.0 mm	Iy=96275.9 cm4	Iz=77211.8 cm4	Ix=128568.0 cm4
tf=15.0 mm	Wply=4615.1 cm3	Wplz=4183.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 3.3 kN	My,Ed = -75.5 kN*m	Mz,Ed = -144.2 kN*m	Vy,Ed = -30.8 kN
Nc,Rd = 6953.6 kN	My,Ed,max = -75.5 kN*m	Mz,Ed,max = -144.2 kN*m	Vy,T,Rd = 1923.1 kN
Nb,Rd = 5181.8 kN	My,c,Rd = 1208.7 kN*m	Mz,c,Rd = 1095.7 kN*m	Vz,Ed = 28.8 kN
	MN,y,Rd = 1208.7 kN*m	MN,z,Rd = 1095.7 kN*m	Vz,T,Rd = 2081.5 kN
			Tt,Ed = 2.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 9.000 m	Lam_y = 0.54	Lz = 9.000 m	Lam_z = 0.61
Lcr,y = 9.000 m	Xy = 0.82	Lcr,z = 9.000 m	Xz = 0.78
Lamy = 47.26	kzy = 0.28	Lamz = 52.78	kzz = 0.90

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.00 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.06 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.13 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.04 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.02 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)

Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 47.26 < Lambda,max = 200.00 Lambda,z = 52.78 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.11 < 1.00 (6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.14 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 5002 DIM_ARCO-ARRIOSTRAM_5002 **POINT:** 1 **COORDINATE:** x = 0.00 L = 0.000 m

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LOADS:
Governing Load Case: 16278 17006 9002*1.35+7012*1.50

MATERIAL:
S 275 (S 275) fy = 275 MPa

SECTION PARAMETERS: ARCO-ARRIOST

h=490.0 mm	gM0=1.05	gM1=1.10	
b=425.0 mm	Ay=127.5 cm2	Az=138.0 cm2	Ax=265.5 cm2
tw=15.0 mm	Iy=96275.9 cm4	Iz=77211.8 cm4	Ix=128568.0 cm4
tf=15.0 mm	Wply=4615.1 cm3	Wplz=4183.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 0.4 kN	My,Ed = -30.8 kN*m	Mz,Ed = -48.7 kN*m	Vy,Ed = -10.6 kN
Nc,Rd = 6953.6 kN	My,Ed,max = 34.0 kN*m	Mz,Ed,max = -48.7 kN*m	Vy,T,Rd = 1925.3 kN
Nb,Rd = 5181.8 kN	My,c,Rd = 1208.7 kN*m	Mz,c,Rd = 1095.7 kN*m	Vz,Ed = 18.9 kN
	MN,y,Rd = 1208.7 kN*m	MN,z,Rd = 1095.7 kN*m	Vz,T,Rd = 2083.8 kN
			Tt,Ed = 1.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:

About y axis: About z axis:

Ly = 9.000 m	Lam_y = 0.54	Lz = 9.000 m	Lam_z = 0.61
Lcr,y = 9.000 m	Xy = 0.82	Lcr,z = 9.000 m	Xz = 0.78
Lamy = 47.26	kzy = 0.53	Lamz = 52.78	kzz = 0.90

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.00 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.03 < 1.00 (6.2.9.1.(2))

Mz,Ed/MN,z,Rd = 0.04 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.01 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 47.26 < Lambda,max = 200.00 Lambda,z = 52.78 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.05 < 1.00
(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.06 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 5003 DIM_ARCO-ARRIOSTRAM_5003 **POINT:** 3 **COORDINATE:** x = 1.00 L = 9.000 m

LOADS:
Governing Load Case: 16277 17005 9002*1.35+7011*1.50

MATERIAL:
S 275 (S 275) fy = 275 MPa

SECTION PARAMETERS: ARCO-ARRIOST

h=490.0 mm	gM0=1.05	gM1=1.10	
b=425.0 mm	Ay=127.5 cm2	Az=138.0 cm2	Ax=265.5 cm2
tw=15.0 mm	Iy=96275.9 cm4	Iz=77211.8 cm4	Ix=128568.0 cm4
tf=15.0 mm	Wply=4615.1 cm3	Wplz=4183.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 0.4 kN	My,Ed = -28.5 kN*m	Mz,Ed = 34.8 kN*m	Vy,Ed = -7.5 kN
Nc,Rd = 6953.6 kN	My,Ed,max = 32.8 kN*m	Mz,Ed,max = 34.8 kN*m	Vy,T,Rd = 1927.5 kN
Nb,Rd = 5181.8 kN	My,c,Rd = 1208.7 kN*m	Mz,c,Rd = 1095.7 kN*m	Vz,Ed = -18.4 kN
	MN,y,Rd = 1208.7 kN*m	MN,z,Rd = 1095.7 kN*m	Vz,T,Rd = 2086.2 kN
			Tt,Ed = 0.2 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

Ly = 9.000 m	Lam_y = 0.54	Lz = 9.000 m	Lam_z = 0.61
Lcr,y = 9.000 m	Xy = 0.82	Lcr,z = 9.000 m	Xz = 0.78
Lamy = 47.26	kzy = 0.56	Lamz = 52.78	kzz = 0.90

VERIFICATION FORMULAS:
Section strength check:
N,Ed/Nc,Rd = 0.00 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.02 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.03 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.01 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.00 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Global stability check of member:
Lambda,y = 47.26 < Lambda,max = 200.00 Lambda,z = 52.78 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.04 < 1.00
(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.05 < 1.00 (6.3.3.(4))

Section OK !!!

STEEL DESIGN

CODE: *EN 1993-1:2005/A1:2014, Eurocode 3: Design of steel structures.*
ANALYSIS TYPE: Member Verification

CODE GROUP:
MEMBER: 5004 DIM_ARCO-ARRIOSTRAM_5004 **POINT:** 3 **COORDINATE:** x = 1.00 L = 9.000 m

LOADS:
Governing Load Case: 16277 17005 9002*1.35+7011*1.50

MATERIAL:
S 275 (S 275) fy = 275 MPa

SECTION PARAMETERS: ARCO-ARRIOST

h=490.0 mm	gM0=1.05	gM1=1.10	
b=425.0 mm	Ay=127.5 cm2	Az=138.0 cm2	Ax=265.5 cm2
tw=15.0 mm	Iy=96275.9 cm4	Iz=77211.8 cm4	Ix=128568.0 cm4
tf=15.0 mm	Wply=4615.1 cm3	Wplz=4183.7 cm3	

INTERNAL FORCES AND CAPACITIES:

N,Ed = 3.3 kN	My,Ed = -67.6 kN*m	Mz,Ed = 129.7 kN*m	Vy,Ed = -27.6 kN
Nc,Rd = 6953.6 kN	My,Ed,max = -67.6 kN*m	Mz,Ed,max = 129.7 kN*m	Vy,T,Rd = 1924.2 kN
Nb,Rd = 5181.8 kN	My,c,Rd = 1208.7 kN*m	Mz,c,Rd = 1095.7 kN*m	Vz,Ed = -27.0 kN
	MN,y,Rd = 1208.7 kN*m	MN,z,Rd = 1095.7 kN*m	Vz,T,Rd = 2082.6 kN
			Tt,Ed = 1.7 kN*m
			Class of section = 1

LATERAL BUCKLING PARAMETERS:

BUCKLING PARAMETERS:
About y axis: About z axis:

Ly = 9.000 m	Lam_y = 0.54	Lz = 9.000 m	Lam_z = 0.61
Lcr,y = 9.000 m	Xy = 0.82	Lcr,z = 9.000 m	Xz = 0.78
Lamy = 47.26	kzy = 0.30	Lamz = 52.78	kzz = 0.90

VERIFICATION FORMULAS:

Section strength check:

N,Ed/Nc,Rd = 0.00 < 1.00 (6.2.4.(1))
My,Ed/MN,y,Rd = 0.06 < 1.00 (6.2.9.1.(2))
Mz,Ed/MN,z,Rd = 0.12 < 1.00 (6.2.9.1.(2))
(My,Ed/MN,y,Rd)^ 1.66 + (Mz,Ed/MN,z,Rd)^1.66 = 0.04 < 1.00 (6.2.9.1.(6))
Vy,Ed/Vy,T,Rd = 0.01 < 1.00 (6.2.6-7)
Vz,Ed/Vz,T,Rd = 0.01 < 1.00 (6.2.6-7)
Tau,ty,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)
Tau,tz,Ed/(fy/(sqrt(3)*gM0)) = 0.00 < 1.00 (6.2.6)

Global stability check of member:

Lambda,y = 47.26 < Lambda,max = 200.00 Lambda,z = 52.78 < Lambda,max = 200.00 STABLE
N,Ed/(Xy*N,Rk/gM1) + kyy*My,Ed,max/(XLT*My,Rk/gM1) + kyz*Mz,Ed,max/(Mz,Rk/gM1) = 0.10 < 1.00
(6.3.3.(4))
N,Ed/(Xz*N,Rk/gM1) + kzy*My,Ed,max/(XLT*My,Rk/gM1) + kzz*Mz,Ed,max/(Mz,Rk/gM1) = 0.13 < 1.00 (6.3.3.(4))

Section OK !!!

MODELO ELU INESTABILIDAD (LINEAR BUCKLING)

Project: MEF_Arco Río Cabe-Monforte_3D_v00_PANDEO

Data - Nodes

Node	X (m)	Y (m)	Z (m)	Support code	Support
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1101	-21.156	-4.500	-0.592		
1102	-20.562	-4.500	-0.559		
1103	-19.967	-4.500	-0.527		
1104	-19.373	-4.500	-0.496		
1105	-18.779	-4.500	-0.466		
1106	-18.185	-4.500	-0.437		
1107	-17.587	-4.500	-0.409		
1108	-16.990	-4.500	-0.382		
1109	-16.392	-4.500	-0.355		
1110	-15.795	-4.500	-0.330		
1111	-15.197	-4.500	-0.305		
1112	-14.600	-4.500	-0.282		
1113	-13.992	-4.500	-0.259		
1114	-13.383	-4.500	-0.237		
1115	-12.775	-4.500	-0.216		
1116	-12.167	-4.500	-0.196		
1117	-11.558	-4.500	-0.177		
1118	-10.950	-4.500	-0.158		
1119	-10.342	-4.500	-0.141		
1120	-9.733	-4.500	-0.125		
1121	-9.125	-4.500	-0.110		
1122	-8.517	-4.500	-0.096		
1123	-7.908	-4.500	-0.083		
1124	-7.300	-4.500	-0.070		
1125	-6.692	-4.500	-0.059		
1126	-6.083	-4.500	-0.049		
1127	-5.475	-4.500	-0.040		
1128	-4.867	-4.500	-0.040		
1129	-4.258	-4.500	-0.024		
1130	-3.650	-4.500	-0.018		
1131	-3.042	-4.500	-0.012		
1132	-2.433	-4.500	-0.008		
1133	-1.825	-4.500	-0.004		
1134	-1.217	-4.500	-0.002		
1135	-0.608	-4.500	-0.001		
1136	0.0	-4.500	0.0		
1137	0.608	-4.500	-0.001		
1138	1.217	-4.500	-0.002		
1139	1.825	-4.500	-0.004		
1140	2.433	-4.500	-0.008		
1141	3.042	-4.500	-0.012		
1142	3.650	-4.500	-0.012		
1143	4.258	-4.500	-0.024		
1144	4.867	-4.500	-0.031		
1145	5.475	-4.500	-0.040		
1146	6.083	-4.500	-0.049		
1147	6.692	-4.500	-0.059		

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00_PANDEO.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00_PANDEO

Node	X (m)	Y (m)	Z (m)	Support code	Support
1148	7.300	-4.500	-0.070		
1149	7.908	-4.500	-0.083		
1150	8.517	-4.500	-0.096		
1151	9.125	-4.500	-0.110		
1152	9.733	-4.500	-0.125		
1153	10.342	-4.500	-0.141		
1154	10.950	-4.500	-0.158		
1155	11.558	-4.500	-0.177		
1156	12.167	-4.500	-0.196		
1157	12.775	-4.500	-0.216		
1158	13.383	-4.500	-0.237		
1159	13.992	-4.500	-0.259		
1160	14.600	-4.500	-0.282		
1161	15.197	-4.500	-0.305		
1162	15.795	-4.500	-0.330		
1163	16.392	-4.500	-0.355		
1164	16.990	-4.500	-0.382		
1165	17.587	-4.500	-0.409		
1166	18.185	-4.500	-0.437		
1167	18.779	-4.500	-0.466		
1168	19.373	-4.500	-0.496		
1169	19.967	-4.500	-0.527		
1170	20.562	-4.500	-0.559		
1171	21.156	-4.500	-0.592		
1172	21.750	-4.500	-0.625	fxxfff	APO-02
1201	-21.156	-4.500	-0.130		
1202	-20.562	-4.500	0.343		
1203	-19.967	-4.500	0.795		
1204	-19.373	-4.500	1.226		
1205	-18.779	-4.500	1.637		
1206	-18.185	-4.500	2.030		
1207	-17.587	-4.500	2.408		
1208	-16.990	-4.500	2.767		
1209	-16.392	-4.500	3.111		
1210	-15.795	-4.500	3.438		
1211	-15.197	-4.500	3.750		
1212	-14.600	-4.500	4.047		
1213	-13.992	-4.500	4.333		
1214	-13.383	-4.500	4.606		
1215	-12.775	-4.500	4.864		
1216	-12.167	-4.500	5.108		
1217	-11.558	-4.500	5.338		
1218	-10.950	-4.500	5.555		
1219	-10.342	-4.500	5.759		
1220	-9.733	-4.500	5.950		
1221	-9.125	-4.500	6.129		
1222	-8.517	-4.500	6.295		
1223	-7.908	-4.500	6.449		
1224	-7.300	-4.500	6.590		
1225	-6.692	-4.500	6.720		
1226	-6.083	-4.500	6.839		
1227	-5.475	-4.500	6.945		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1228	-4.867	-4.500	7.040		
1229	-4.258	-4.500	7.124		
1230	-3.650	-4.500	7.196		
1231	-3.042	-4.500	7.257		
1232	-2.433	-4.500	7.307		
1233	-1.825	-4.500	7.346		
1234	-1.217	-4.500	7.373		
1235	-0.608	-4.500	7.390		
1236	0.0	-4.500	7.390		
1237	0.608	-4.500	7.390		
1238	1.217	-4.500	7.373		
1239	1.825	-4.500	7.346		
1240	2.433	-4.500	7.307		
1241	3.042	-4.500	7.257		
1242	3.650	-4.500	7.196		
1243	4.258	-4.500	7.124		
1244	4.867	-4.500	7.040		
1245	5.475	-4.500	6.945		
1246	6.083	-4.500	6.839		
1247	6.692	-4.500	6.720		
1248	7.300	-4.500	6.590		
1249	7.908	-4.500	6.449		
1250	8.517	-4.500	6.295		
1251	9.125	-4.500	6.129		
1252	9.733	-4.500	5.950		
1253	10.342	-4.500	5.759		
1254	10.950	-4.500	5.555		
1255	11.558	-4.500	5.338		
1256	12.167	-4.500	5.108		
1257	12.775	-4.500	4.864		
1258	13.383	-4.500	4.606		
1259	13.992	-4.500	4.333		
1260	14.600	-4.500	4.047		
1261	15.197	-4.500	3.750		
1262	15.795	-4.500	3.438		
1263	16.392	-4.500	3.111		
1264	16.990	-4.500	2.767		
1265	17.587	-4.500	2.408		
1266	18.185	-4.500	2.030		
1267	18.779	-4.500	1.637		
1268	19.373	-4.500	1.226		
1269	19.967	-4.500	0.795		
1270	20.562	-4.500	0.343		
1271	21.156	-4.500	-0.130		
2100	-21.750	4.500	-0.625	xxxfff	APO-01
2101	-21.156	4.500	-0.592		
2102	-20.562	4.500	-0.559		
2103	-19.967	4.500	-0.527		
2104	-19.373	4.500	-0.496		
2105	-18.779	4.500	-0.466		
2106	-18.185	4.500	-0.437		
2107	-17.587	4.500	-0.409		

Robot Structural Analysis Professional 2023
Author:
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Node	X (m)	Y (m)	Z (m)	Support code	Support
2108	-16.990	4.500	-0.382		
2109	-16.392	4.500	-0.355		
2110	-15.795	4.500	-0.330		
2111	-15.197	4.500	-0.305		
2112	-14.600	4.500	-0.282		
2113	-13.992	4.500	-0.259		
2114	-13.383	4.500	-0.237		
2115	-12.775	4.500	-0.216		
2116	-12.167	4.500	-0.196		
2117	-11.558	4.500	-0.177		
2118	-10.950	4.500	-0.158		
2119	-10.342	4.500	-0.141		
2120	-9.733	4.500	-0.125		
2121	-9.125	4.500	-0.110		
2122	-8.517	4.500	-0.096		
2123	-7.908	4.500	-0.083		
2124	-7.300	4.500	-0.070		
2125	-6.692	4.500	-0.059		
2126	-6.083	4.500	-0.049		
2127	-5.475	4.500	-0.040		
2128	-4.867	4.500	-0.040		
2129	-4.258	4.500	-0.024		
2130	-3.650	4.500	-0.018		
2131	-3.042	4.500	-0.012		
2132	-2.433	4.500	-0.008		
2133	-1.825	4.500	-0.004		
2134	-1.217	4.500	-0.002		
2135	-0.608	4.500	-0.001		
2136	0.0	4.500	0.0		
2137	0.608	4.500	-0.001		
2138	1.217	4.500	-0.002		
2139	1.825	4.500	-0.004		
2140	2.433	4.500	-0.008		
2141	3.042	4.500	-0.012		
2142	3.650	4.500	-0.012		
2143	4.258	4.500	-0.024		
2144	4.867	4.500	-0.031		
2145	5.475	4.500	-0.040		
2146	6.083	4.500	-0.049		
2147	6.692	4.500	-0.059		
2148	7.300	4.500	-0.070		
2149	7.908	4.500	-0.083		
2150	8.517	4.500	-0.096		
2151	9.125	4.500	-0.110		
2152	9.733	4.500	-0.125		
2153	10.342	4.500	-0.141		
2154	10.950	4.500	-0.158		
2155	11.558	4.500	-0.177		
2156	12.167	4.500	-0.196		
2157	12.775	4.500	-0.216		
2158	13.383	4.500	-0.237		
2159	13.992	4.500	-0.259		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2160	14.600	4.500	-0.282		
2161	15.197	4.500	-0.305		
2162	15.795	4.500	-0.330		
2163	16.392	4.500	-0.355		
2164	16.990	4.500	-0.382		
2165	17.587	4.500	-0.409		
2166	18.185	4.500	-0.437		
2167	18.779	4.500	-0.466		
2168	19.373	4.500	-0.496		
2169	19.967	4.500	-0.527		
2170	20.562	4.500	-0.559		
2171	21.156	4.500	-0.592		
2172	21.750	4.500	-0.625	fxxfff	APO-02
2201	-21.156	4.500	-0.130		
2202	-20.562	4.500	0.343		
2203	-19.967	4.500	0.795		
2204	-19.373	4.500	1.226		
2205	-18.779	4.500	1.637		
2206	-18.185	4.500	2.030		
2207	-17.587	4.500	2.408		
2208	-16.990	4.500	2.767		
2209	-16.392	4.500	3.111		
2210	-15.795	4.500	3.438		
2211	-15.197	4.500	3.750		
2212	-14.600	4.500	4.047		
2213	-13.992	4.500	4.333		
2214	-13.383	4.500	4.606		
2215	-12.775	4.500	4.864		
2216	-12.167	4.500	5.108		
2217	-11.558	4.500	5.338		
2218	-10.950	4.500	5.555		
2219	-10.342	4.500	5.759		
2220	-9.733	4.500	5.950		
2221	-9.125	4.500	6.129		
2222	-8.517	4.500	6.295		
2223	-7.908	4.500	6.449		
2224	-7.300	4.500	6.590		
2225	-6.692	4.500	6.720		
2226	-6.083	4.500	6.839		
2227	-5.475	4.500	6.945		
2228	-4.867	4.500	7.040		
2229	-4.258	4.500	7.124		
2230	-3.650	4.500	7.196		
2231	-3.042	4.500	7.257		
2232	-2.433	4.500	7.307		
2233	-1.825	4.500	7.346		
2234	-1.217	4.500	7.373		
2235	-0.608	4.500	7.390		
2236	0.0	4.500	7.390		
2237	0.608	4.500	7.390		
2238	1.217	4.500	7.373		
2239	1.825	4.500	7.346		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2240	2.433	4.500	7.307		
2241	3.042	4.500	7.257		
2242	3.650	4.500	7.196		
2243	4.258	4.500	7.124		
2244	4.867	4.500	7.040		
2245	5.475	4.500	6.945		
2246	6.083	4.500	6.839		
2247	6.692	4.500	6.720		
2248	7.300	4.500	6.590		
2249	7.908	4.500	6.449		
2250	8.517	4.500	6.295		
2251	9.125	4.500	6.129		
2252	9.733	4.500	5.950		
2253	10.342	4.500	5.759		
2254	10.950	4.500	5.555		
2255	11.558	4.500	5.338		
2256	12.167	4.500	5.108		
2257	12.775	4.500	4.864		
2258	13.383	4.500	4.606		
2259	13.992	4.500	4.333		
2260	14.600	4.500	4.047		
2261	15.197	4.500	3.750		
2262	15.795	4.500	3.438		
2263	16.392	4.500	3.111		
2264	16.990	4.500	2.767		
2265	17.587	4.500	2.408		
2266	18.185	4.500	2.030		
2267	18.779	4.500	1.637		
2268	19.373	4.500	1.226		
2269	19.967	4.500	0.795		
2270	20.562	4.500	0.343		
2271	21.156	4.500	-0.130		
3101	-21.750	-7.500	-0.625		
3103	-18.185	-7.500	-0.437		
3105	-14.600	-7.500	-0.282		
3107	-10.950	-7.500	-0.158		
3109	-7.300	-7.500	-0.070		
3111	-3.650	-7.500	-0.018		
3113	0.0	-7.500	0.0		
3115	3.650	-7.500	-0.012		
3117	7.300	-7.500	-0.070		
3119	10.950	-7.500	-0.158		
3121	14.600	-7.500	-0.282		
3123	18.185	-7.500	-0.437		
3125	21.750	-7.500	-0.625		
3201	-21.750	7.500	-0.625		
3203	-18.185	7.500	-0.437		
3205	-14.600	7.500	-0.282		
3207	-10.950	7.500	-0.158		
3209	-7.300	7.500	-0.070		
3211	-3.650	7.500	-0.018		
3213	0.0	7.500	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
3215	3.650	7.500	-0.012		
3217	7.300	7.500	-0.070		
3219	10.950	7.500	-0.158		
3221	14.600	7.500	-0.282		
3223	18.185	7.500	-0.437		
3225	21.750	7.500	-0.625		
4001	-21.750	0.0	-0.625		
4003	-18.185	0.0	-0.437		
4005	-14.600	0.0	-0.282		
4007	-10.950	0.0	-0.158		
4009	-7.300	0.0	-0.070		
4011	-3.650	0.0	-0.018		
4013	0.0	0.0	0.0		
4015	3.650	0.0	-0.012		
4017	7.300	0.0	-0.070		
4019	10.950	0.0	-0.158		
4021	14.600	0.0	-0.282		
4023	18.185	0.0	-0.437		
4025	21.750	0.0	-0.625		
9912	-18.185	-2.100	-0.437		
9913	-14.600	-2.100	-0.282		
9914	-10.950	-2.100	-0.158		
9915	-7.300	-2.100	-0.070		
9916	-3.650	-2.100	-0.018		
9917	0.0	-2.100	0.0		
9918	3.650	-2.100	-0.012		
9922	-18.185	0.900	-0.437		
9923	-14.600	0.900	-0.282		
9924	-10.950	0.900	-0.158		
9925	-7.300	0.900	-0.070		
9926	-3.650	0.900	-0.018		
9927	0.0	0.900	0.0		
9928	3.650	0.900	-0.012		
9929	-21.742	-2.100	-0.625		
9932	-21.742	0.900	-0.625		

Robot Structural Analysis Professional 2023
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Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00_PANDEO

Data - Members

Member	Node 1	Node 2	Section
1101	1100	1101	TABLERO-ARR
1102	1101	1102	TABLERO-ARR
1103	1102	1103	TABLERO-ARR
1104	1103	1104	TABLERO-01
1105	1104	1105	TABLERO-01
1106	1105	1106	TABLERO-01
1107	1106	1107	TABLERO-01
1108	1107	1108	TABLERO-01
1109	1108	1109	TABLERO-01
1110	1109	1110	TABLERO-01
1111	1110	1111	TABLERO-01
1112	1111	1112	TABLERO-01
1113	1112	1113	TABLERO-01
1114	1113	1114	TABLERO-01
1115	1114	1115	TABLERO-01
1116	1115	1116	TABLERO-01
1117	1116	1117	TABLERO-02
1118	1117	1118	TABLERO-02
1119	1118	1119	TABLERO-02
1120	1119	1120	TABLERO-02
1121	1120	1121	TABLERO-02
1122	1121	1122	TABLERO-02
1123	1122	1123	TABLERO-02
1124	1123	1124	TABLERO-02
1125	1124	1125	TABLERO-02
1126	1125	1126	TABLERO-02
1127	1126	1127	TABLERO-02
1128	1127	1128	TABLERO-02
1129	1128	1129	TABLERO-02
1130	1129	1130	TABLERO-02
1131	1130	1131	TABLERO-02
1132	1131	1132	TABLERO-02
1133	1132	1133	TABLERO-02
1134	1133	1134	TABLERO-02
1135	1134	1135	TABLERO-02
1136	1135	1136	TABLERO-02
1137	1136	1137	TABLERO-02
1138	1137	1138	TABLERO-02
1139	1138	1139	TABLERO-02
1140	1139	1140	TABLERO-02
1141	1140	1141	TABLERO-02
1142	1141	1142	TABLERO-02
1143	1142	1143	TABLERO-02
1144	1143	1144	TABLERO-02
1145	1144	1145	TABLERO-02
1146	1145	1146	TABLERO-02
1147	1146	1147	TABLERO-02
1148	1147	1148	TABLERO-02

Member	Node 1	Node 2	Section
1149	1148	1149	TABLERO-02
1150	1149	1150	TABLERO-02
1151	1150	1151	TABLERO-02
1152	1151	1152	TABLERO-02
1153	1152	1153	TABLERO-02
1154	1153	1154	TABLERO-02
1155	1154	1155	TABLERO-02
1156	1155	1156	TABLERO-02
1157	1156	1157	TABLERO-01
1158	1157	1158	TABLERO-01
1159	1158	1159	TABLERO-01
1160	1159	1160	TABLERO-01
1161	1160	1161	TABLERO-01
1162	1161	1162	TABLERO-01
1163	1162	1163	TABLERO-01
1164	1163	1164	TABLERO-01
1165	1164	1165	TABLERO-01
1166	1165	1166	TABLERO-01
1167	1166	1167	TABLERO-01
1168	1167	1168	TABLERO-01
1169	1168	1169	TABLERO-01
1170	1169	1170	TABLERO-ARR
1171	1170	1171	TABLERO-ARR
1172	1171	1172	TABLERO-ARR
1201	1100	1201	ARCO-01
1202	1201	1202	ARCO-01
1203	1202	1203	ARCO-01
1204	1203	1204	ARCO-01
1205	1204	1205	ARCO-01
1206	1205	1206	ARCO-01
1207	1206	1207	ARCO-01
1208	1207	1208	ARCO-01
1209	1208	1209	ARCO-01
1210	1209	1210	ARCO-01
1211	1210	1211	ARCO-01
1212	1211	1212	ARCO-01
1213	1212	1213	ARCO-01
1214	1213	1214	ARCO-01
1215	1214	1215	ARCO-01
1216	1215	1216	ARCO-02
1217	1216	1217	ARCO-02
1218	1217	1218	ARCO-02
1219	1218	1219	ARCO-02
1220	1219	1220	ARCO-02
1221	1220	1221	ARCO-02
1222	1221	1222	ARCO-02
1223	1222	1223	ARCO-02
1224	1223	1224	ARCO-02
1225	1224	1225	ARCO-02
1226	1225	1226	ARCO-02
1227	1226	1227	ARCO-02
1228	1227	1228	ARCO-02

Member	Node 1	Node 2	Section
1229	1228	1229	ARCO-02
1230	1229	1230	ARCO-02
1231	1230	1231	ARCO-02
1232	1231	1232	ARCO-02
1233	1232	1233	ARCO-02
1234	1233	1234	ARCO-02
1235	1234	1235	ARCO-02
1236	1235	1236	ARCO-02
1237	1236	1237	ARCO-02
1238	1237	1238	ARCO-02
1239	1238	1239	ARCO-02
1240	1239	1240	ARCO-02
1241	1240	1241	ARCO-02
1242	1241	1242	ARCO-02
1243	1242	1243	ARCO-02
1244	1243	1244	ARCO-02
1245	1244	1245	ARCO-02
1246	1245	1246	ARCO-02
1247	1246	1247	ARCO-02
1248	1247	1248	ARCO-02
1249	1248	1249	ARCO-02
1250	1249	1250	ARCO-02
1251	1250	1251	ARCO-02
1252	1251	1252	ARCO-02
1253	1252	1253	ARCO-02
1254	1253	1254	ARCO-02
1255	1254	1255	ARCO-02
1256	1255	1256	ARCO-02
1257	1256	1257	ARCO-02
1258	1257	1258	ARCO-01
1259	1258	1259	ARCO-01
1260	1259	1260	ARCO-01
1261	1260	1261	ARCO-01
1262	1261	1262	ARCO-01
1263	1262	1263	ARCO-01
1264	1263	1264	ARCO-01
1265	1264	1265	ARCO-01
1266	1265	1266	ARCO-01
1267	1266	1267	ARCO-01
1268	1267	1268	ARCO-01
1269	1268	1269	ARCO-01
1270	1269	1270	ARCO-01
1271	1270	1271	ARCO-01
1272	1271	1172	ARCO-01
1301	1206	1106	PEND-TRACC
1302	1212	1112	PEND-TRACC
1303	1218	1118	PEND-TRACC
1304	1224	1124	PEND-TRACC
1305	1230	1130	PEND-TRACC
1306	1236	1136	PEND-TRACC
1307	1242	1142	PEND-TRACC
1308	1248	1148	PEND-TRACC

Member	Node 1	Node 2	Section
1309	1254	1154	PEND-TRACC
1310	1260	1160	PEND-TRACC
1311	1266	1166	PEND-TRACC
1411	1212	1118	DIAG-TRACC
1412	1112	1218	DIAG-COMP
1421	1218	1124	DIAG-TRACC
1422	1118	1224	DIAG-COMP
1431	1224	1130	DIAG-TRACC
1432	1124	1230	DIAG-COMP
1441	1230	1136	DIAG-TRACC
1442	1130	1236	DIAG-COMP
1451	1242	1136	DIAG-TRACC
1452	1142	1236	DIAG-COMP
1461	1248	1142	DIAG-TRACC
1462	1148	1242	DIAG-COMP
1471	1254	1148	DIAG-TRACC
1472	1154	1248	DIAG-COMP
1481	1260	1154	DIAG-TRACC
1482	1160	1254	DIAG-COMP
2101	2100	2101	TABLERO-ARR
2102	2101	2102	TABLERO-ARR
2103	2102	2103	TABLERO-ARR
2104	2103	2104	TABLERO-01
2105	2104	2105	TABLERO-01
2106	2105	2106	TABLERO-01
2107	2106	2107	TABLERO-01
2108	2107	2108	TABLERO-01
2109	2108	2109	TABLERO-01
2110	2109	2110	TABLERO-01
2111	2110	2111	TABLERO-01
2112	2111	2112	TABLERO-01
2113	2112	2113	TABLERO-01
2114	2113	2114	TABLERO-01
2115	2114	2115	TABLERO-01
2116	2115	2116	TABLERO-01
2117	2116	2117	TABLERO-02
2118	2117	2118	TABLERO-02
2119	2118	2119	TABLERO-02
2120	2119	2120	TABLERO-02
2121	2120	2121	TABLERO-02
2122	2121	2122	TABLERO-02
2123	2122	2123	TABLERO-02
2124	2123	2124	TABLERO-02
2125	2124	2125	TABLERO-02
2126	2125	2126	TABLERO-02
2127	2126	2127	TABLERO-02
2128	2127	2128	TABLERO-02
2129	2128	2129	TABLERO-02
2130	2129	2130	TABLERO-02
2131	2130	2131	TABLERO-02
2132	2131	2132	TABLERO-02
2133	2132	2133	TABLERO-02

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Member	Node 1	Node 2	Section
2134	2133	2134	TABLERO-02
2135	2134	2135	TABLERO-02
2136	2135	2136	TABLERO-02
2137	2136	2137	TABLERO-02
2138	2137	2138	TABLERO-02
2139	2138	2139	TABLERO-02
2140	2139	2140	TABLERO-02
2141	2140	2141	TABLERO-02
2142	2141	2142	TABLERO-02
2143	2142	2143	TABLERO-02
2144	2143	2144	TABLERO-02
2145	2144	2145	TABLERO-02
2146	2145	2146	TABLERO-02
2147	2146	2147	TABLERO-02
2148	2147	2148	TABLERO-02
2149	2148	2149	TABLERO-02
2150	2149	2150	TABLERO-02
2151	2150	2151	TABLERO-02
2152	2151	2152	TABLERO-02
2153	2152	2153	TABLERO-02
2154	2153	2154	TABLERO-02
2155	2154	2155	TABLERO-02
2156	2155	2156	TABLERO-02
2157	2156	2157	TABLERO-01
2158	2157	2158	TABLERO-01
2159	2158	2159	TABLERO-01
2160	2159	2160	TABLERO-01
2161	2160	2161	TABLERO-01
2162	2161	2162	TABLERO-01
2163	2162	2163	TABLERO-01
2164	2163	2164	TABLERO-01
2165	2164	2165	TABLERO-01
2166	2165	2166	TABLERO-01
2167	2166	2167	TABLERO-01
2168	2167	2168	TABLERO-01
2169	2168	2169	TABLERO-01
2170	2169	2170	TABLERO-ARR
2171	2170	2171	TABLERO-ARR
2172	2171	2172	TABLERO-ARR
2201	2100	2201	ARCO-01
2202	2201	2202	ARCO-01
2203	2202	2203	ARCO-01
2204	2203	2204	ARCO-01
2205	2204	2205	ARCO-01
2206	2205	2206	ARCO-01
2207	2206	2207	ARCO-01
2208	2207	2208	ARCO-01
2209	2208	2209	ARCO-01
2210	2209	2210	ARCO-01
2211	2210	2211	ARCO-01
2212	2211	2212	ARCO-01
2213	2212	2213	ARCO-01

Member	Node 1	Node 2	Section
2214	2213	2214	ARCO-01
2215	2214	2215	ARCO-01
2216	2215	2216	ARCO-02
2217	2216	2217	ARCO-02
2218	2217	2218	ARCO-02
2219	2218	2219	ARCO-02
2220	2219	2220	ARCO-02
2221	2220	2221	ARCO-02
2222	2221	2222	ARCO-02
2223	2222	2223	ARCO-02
2224	2223	2224	ARCO-02
2225	2224	2225	ARCO-02
2226	2225	2226	ARCO-02
2227	2226	2227	ARCO-02
2228	2227	2228	ARCO-02
2229	2228	2229	ARCO-02
2230	2229	2230	ARCO-02
2231	2230	2231	ARCO-02
2232	2231	2232	ARCO-02
2233	2232	2233	ARCO-02
2234	2233	2234	ARCO-02
2235	2234	2235	ARCO-02
2236	2235	2236	ARCO-02
2237	2236	2237	ARCO-02
2238	2237	2238	ARCO-02
2239	2238	2239	ARCO-02
2240	2239	2240	ARCO-02
2241	2240	2241	ARCO-02
2242	2241	2242	ARCO-02
2243	2242	2243	ARCO-02
2244	2243	2244	ARCO-02
2245	2244	2245	ARCO-02
2246	2245	2246	ARCO-02
2247	2246	2247	ARCO-02
2248	2247	2248	ARCO-02
2249	2248	2249	ARCO-02
2250	2249	2250	ARCO-02
2251	2250	2251	ARCO-02
2252	2251	2252	ARCO-02
2253	2252	2253	ARCO-02
2254	2253	2254	ARCO-02
2255	2254	2255	ARCO-02
2256	2255	2256	ARCO-02
2257	2256	2257	ARCO-02
2258	2257	2258	ARCO-01
2259	2258	2259	ARCO-01
2260	2259	2260	ARCO-01
2261	2260	2261	ARCO-01
2262	2261	2262	ARCO-01
2263	2262	2263	ARCO-01
2264	2263	2264	ARCO-01
2265	2264	2265	ARCO-01

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Member	Node 1	Node 2	Section
2266	2265	2266	ARCO-01
2267	2266	2267	ARCO-01
2268	2267	2268	ARCO-01
2269	2268	2269	ARCO-01
2270	2269	2270	ARCO-01
2271	2270	2271	ARCO-01
2272	2271	2172	ARCO-01
2301	2206	2106	PEND-TRACC
2302	2212	2112	PEND-TRACC
2303	2218	2118	PEND-TRACC
2304	2224	2124	PEND-TRACC
2305	2230	2130	PEND-TRACC
2306	2236	2136	PEND-TRACC
2307	2242	2142	PEND-TRACC
2308	2248	2148	PEND-TRACC
2309	2254	2154	PEND-TRACC
2310	2260	2160	PEND-TRACC
2311	2266	2166	PEND-TRACC
2411	2212	2118	DIAG-TRACC
2412	2112	2218	DIAG-COMP
2421	2218	2124	DIAG-TRACC
2422	2118	2224	DIAG-COMP
2431	2224	2130	DIAG-TRACC
2432	2124	2230	DIAG-COMP
2441	2230	2136	DIAG-TRACC
2442	2130	2236	DIAG-COMP
2451	2242	2136	DIAG-TRACC
2452	2142	2236	DIAG-COMP
2461	2248	2142	DIAG-TRACC
2462	2148	2242	DIAG-COMP
2471	2254	2148	DIAG-TRACC
2472	2154	2248	DIAG-COMP
2481	2260	2154	DIAG-TRACC
2482	2160	2254	DIAG-COMP
3011	3101	1100	VTRANSV-VOL
3012	1100	2100	VTRANSV
3013	2100	3201	VTRANSV-VOL
3031	3103	1106	VTRANSV-VOL
3032	1106	2106	VTRANSV
3033	2106	3203	VTRANSV-VOL
3051	3105	1112	VTRANSV-VOL
3052	1112	2112	VTRANSV
3053	2112	3205	VTRANSV-VOL
3071	3107	1118	VTRANSV-VOL
3072	1118	2118	VTRANSV
3073	2118	3207	VTRANSV-VOL
3091	3109	1124	VTRANSV-VOL
3092	1124	2124	VTRANSV
3093	2124	3209	VTRANSV-VOL
3111	3111	1130	VTRANSV-VOL
3112	1130	2130	VTRANSV
3113	2130	3211	VTRANSV-VOL

Member	Node 1	Node 2	Section
3131	3113	1136	VTRANSV-VOL
3132	1136	2136	VTRANSV
3133	2136	3213	VTRANSV-VOL
3151	3115	1142	VTRANSV-VOL
3152	1142	2142	VTRANSV
3153	2142	3215	VTRANSV-VOL
3171	3117	1148	VTRANSV-VOL
3172	1148	2148	VTRANSV
3173	2148	3217	VTRANSV-VOL
3191	3119	1154	VTRANSV-VOL
3192	1154	2154	VTRANSV
3193	2154	3219	VTRANSV-VOL
3211	3121	1160	VTRANSV-VOL
3212	1160	2160	VTRANSV
3213	2160	3221	VTRANSV-VOL
3231	3123	1166	VTRANSV-VOL
3232	1166	2166	VTRANSV
3233	2166	3223	VTRANSV-VOL
3251	3125	1172	VTRANSV-VOL
3252	1172	2172	VTRANSV
3253	2172	3225	VTRANSV-VOL
4101	4001	4003	SHS_160.8
4102	4003	4005	SHS_160.8
4103	4005	4007	SHS_160.8
4104	4007	4009	SHS_160.8
4105	4009	4011	SHS_160.8
4106	4011	4013	SHS_160.8
4107	4013	4015	SHS_160.8
4108	4015	4017	SHS_160.8
4109	4017	4019	SHS_160.8
4110	4019	4021	SHS_160.8
4111	4021	4023	SHS_160.8
4112	4023	4025	SHS_160.8
4201	4003	1100	SHS_160.8
4202	2100	4003	SHS_160.8
4203	4003	1112	SHS_160.8
4204	2112	4003	SHS_160.8
4205	4007	1112	SHS_160.8
4206	2112	4007	SHS_160.8
4207	4007	1124	SHS_160.8
4208	2124	4007	SHS_160.8
4209	4011	1124	SHS_160.8
4210	2124	4011	SHS_160.8
4211	4011	1136	SHS_160.8
4212	2136	4011	SHS_160.8
4213	4015	1136	SHS_160.8
4214	2136	4015	SHS_160.8
4215	4015	1148	SHS_160.8
4216	2148	4015	SHS_160.8
4217	4019	1148	SHS_160.8
4218	2148	4019	SHS_160.8
4219	4019	1160	SHS_160.8

Member	Node 1	Node 2	Section
4220	2160	4019	SHS_160.8
4221	4023	1160	SHS_160.8
4222	2160	4023	SHS_160.8
4223	4023	1172	SHS_160.8
4224	2172	4023	SHS_160.8
5001	1218	2218	ARRIOSTRAM-ARCO
5002	1230	2230	ARRIOSTRAM-ARCO
5003	1242	2242	ARRIOSTRAM-ARCO
5004	1254	2254	ARRIOSTRAM-ARCO
9911	9929	9912	LOSA-HUELLA
9912	9912	9913	LOSA-HUELLA
9913	9913	9914	LOSA-HUELLA
9914	9914	9915	LOSA-HUELLA
9915	9915	9916	LOSA-HUELLA
9916	9916	9917	LOSA-HUELLA
9917	9917	9918	LOSA-HUELLA
9921	9932	9922	LOSA-HUELLA
9922	9922	9923	LOSA-HUELLA
9923	9923	9924	LOSA-HUELLA
9924	9924	9925	LOSA-HUELLA
9925	9925	9926	LOSA-HUELLA
9926	9926	9927	LOSA-HUELLA
9927	9927	9928	LOSA-HUELLA

Member	Material	Length (m)	Gamma (Rad)	Type
1101	S 355	0.595	0.0	DIM_TABLERO
1102	S 355	0.595	0.0	DIM_TABLERO
1103	S 355	0.596	0.0	DIM_TABLERO
1104	S 355	0.595	0.0	DIM_TABLERO
1105	S 355	0.595	0.0	DIM_TABLERO
1106	S 355	0.595	0.0	DIM_TABLERO
1107	S 355	0.599	0.0	DIM_TABLERO
1108	S 355	0.598	0.0	DIM_TABLERO
1109	S 355	0.599	0.0	DIM_TABLERO
1110	S 355	0.598	0.0	DIM_TABLERO
1111	S 355	0.599	0.0	DIM_TABLERO
1112	S 355	0.597	0.0	DIM_TABLERO
1113	S 355	0.608	0.0	DIM_TABLERO
1114	S 355	0.609	0.0	DIM_TABLERO
1115	S 355	0.608	0.0	DIM_TABLERO
1116	S 355	0.608	0.0	DIM_TABLERO
1117	S 355	0.609	0.0	DIM_TABLERO
1118	S 355	0.608	0.0	DIM_TABLERO
1119	S 355	0.608	0.0	DIM_TABLERO
1120	S 355	0.609	0.0	DIM_TABLERO
1121	S 355	0.608	0.0	DIM_TABLERO
1122	S 355	0.608	0.0	DIM_TABLERO
1123	S 355	0.609	0.0	DIM_TABLERO
1124	S 355	0.608	0.0	DIM_TABLERO
1125	S 355	0.608	0.0	DIM_TABLERO
1126	S 355	0.609	0.0	DIM_TABLERO
1127	S 355	0.608	0.0	DIM_TABLERO
1128	S 355	0.608	0.0	DIM_TABLERO

Member	Material	Length (m)	Gamma (Rad)	Type
1129	S 355	0.609	0.0	DIM_TABLERO
1130	S 355	0.608	0.0	DIM_TABLERO
1131	S 355	0.608	0.0	DIM_TABLERO
1132	S 355	0.609	0.0	DIM_TABLERO
1133	S 355	0.608	0.0	DIM_TABLERO
1134	S 355	0.608	0.0	DIM_TABLERO
1135	S 355	0.609	0.0	DIM_TABLERO
1136	S 355	0.608	0.0	DIM_TABLERO
1137	S 355	0.608	0.0	DIM_TABLERO
1138	S 355	0.609	0.0	DIM_TABLERO
1139	S 355	0.608	0.0	DIM_TABLERO
1140	S 355	0.608	0.0	DIM_TABLERO
1141	S 355	0.609	0.0	DIM_TABLERO
1142	S 355	0.608	0.0	DIM_TABLERO
1143	S 355	0.608	0.0	DIM_TABLERO
1144	S 355	0.609	0.0	DIM_TABLERO
1145	S 355	0.608	0.0	DIM_TABLERO
1146	S 355	0.608	0.0	DIM_TABLERO
1147	S 355	0.609	0.0	DIM_TABLERO
1148	S 355	0.608	0.0	DIM_TABLERO
1149	S 355	0.608	0.0	DIM_TABLERO
1150	S 355	0.609	0.0	DIM_TABLERO
1151	S 355	0.608	0.0	DIM_TABLERO
1152	S 355	0.608	0.0	DIM_TABLERO
1153	S 355	0.609	0.0	DIM_TABLERO
1154	S 355	0.608	0.0	DIM_TABLERO
1155	S 355	0.608	0.0	DIM_TABLERO
1156	S 355	0.609	0.0	DIM_TABLERO
1157	S 355	0.608	0.0	DIM_TABLERO
1158	S 355	0.608	0.0	DIM_TABLERO
1159	S 355	0.609	0.0	DIM_TABLERO
1160	S 355	0.608	0.0	DIM_TABLERO
1161	S 355	0.597	0.0	DIM_TABLERO
1162	S 355	0.599	0.0	DIM_TABLERO
1163	S 355	0.598	0.0	DIM_TABLERO
1164	S 355	0.599	0.0	DIM_TABLERO
1165	S 355	0.598	0.0	DIM_TABLERO
1166	S 355	0.599	0.0	DIM_TABLERO
1167	S 355	0.595	0.0	DIM_TABLERO
1168	S 355	0.595	0.0	DIM_TABLERO
1169	S 355	0.595	0.0	DIM_TABLERO
1170	S 355	0.596	0.0	DIM_TABLERO
1171	S 355	0.595	0.0	DIM_TABLERO
1172	S 355	0.595	0.0	DIM_TABLERO
1201	S 355	0.773	0.0	DIM_ARCO-01
1202	S 355	0.759	0.0	DIM_ARCO-01
1203	S 355	0.747	0.0	DIM_ARCO-01
1204	S 355	0.734	0.0	DIM_ARCO-01
1205	S 355	0.722	0.0	DIM_ARCO-01
1206	S 355	0.712	0.0	DIM_ARCO-01
1207	S 355	0.707	0.0	DIM_ARCO-01
1208	S 355	0.697	0.0	DIM_ARCO-01

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Member	Material	Length (m)	Gamma (Rad)	Type
1209	S 355	0.690	0.0	DIM_ARCO-01
1210	S 355	0.681	0.0	DIM_ARCO-01
1211	S 355	0.674	0.0	DIM_ARCO-01
1212	S 355	0.667	0.0	DIM_ARCO-01
1213	S 355	0.672	0.0	DIM_ARCO-01
1214	S 355	0.667	0.0	DIM_ARCO-01
1215	S 355	0.660	0.0	DIM_ARCO-01
1216	S 355	0.655	0.0	DIM_ARCO-02
1217	S 355	0.651	0.0	DIM_ARCO-02
1218	S 355	0.646	0.0	DIM_ARCO-02
1219	S 355	0.641	0.0	DIM_ARCO-02
1220	S 355	0.638	0.0	DIM_ARCO-02
1221	S 355	0.634	0.0	DIM_ARCO-02
1222	S 355	0.630	0.0	DIM_ARCO-02
1223	S 355	0.628	0.0	DIM_ARCO-02
1224	S 355	0.624	0.0	DIM_ARCO-02
1225	S 355	0.622	0.0	DIM_ARCO-02
1226	S 355	0.621	0.0	DIM_ARCO-02
1227	S 355	0.617	0.0	DIM_ARCO-02
1228	S 355	0.615	0.0	DIM_ARCO-02
1229	S 355	0.615	0.0	DIM_ARCO-02
1230	S 355	0.612	0.0	DIM_ARCO-02
1231	S 355	0.611	0.0	DIM_ARCO-02
1232	S 355	0.611	0.0	DIM_ARCO-02
1233	S 355	0.609	0.0	DIM_ARCO-02
1234	S 355	0.609	0.0	DIM_ARCO-02
1235	S 355	0.609	0.0	DIM_ARCO-02
1236	S 355	0.608	0.0	DIM_ARCO-02
1237	S 355	0.608	0.0	DIM_ARCO-02
1238	S 355	0.609	0.0	DIM_ARCO-02
1239	S 355	0.609	0.0	DIM_ARCO-02
1240	S 355	0.609	0.0	DIM_ARCO-02
1241	S 355	0.611	0.0	DIM_ARCO-02
1242	S 355	0.611	0.0	DIM_ARCO-02
1243	S 355	0.612	0.0	DIM_ARCO-02
1244	S 355	0.615	0.0	DIM_ARCO-02
1245	S 355	0.615	0.0	DIM_ARCO-02
1246	S 355	0.617	0.0	DIM_ARCO-02
1247	S 355	0.621	0.0	DIM_ARCO-02
1248	S 355	0.622	0.0	DIM_ARCO-02
1249	S 355	0.624	0.0	DIM_ARCO-02
1250	S 355	0.628	0.0	DIM_ARCO-02
1251	S 355	0.630	0.0	DIM_ARCO-02
1252	S 355	0.634	0.0	DIM_ARCO-02
1253	S 355	0.638	0.0	DIM_ARCO-02
1254	S 355	0.641	0.0	DIM_ARCO-02
1255	S 355	0.646	0.0	DIM_ARCO-02
1256	S 355	0.651	0.0	DIM_ARCO-02
1257	S 355	0.655	0.0	DIM_ARCO-02
1258	S 355	0.660	0.0	DIM_ARCO-01
1259	S 355	0.667	0.0	DIM_ARCO-01
1260	S 355	0.672	0.0	DIM_ARCO-01

Member	Material	Length (m)	Gamma (Rad)	Type
1261	S 355	0.667	0.0	DIM_ARCO-01
1262	S 355	0.674	0.0	DIM_ARCO-01
1263	S 355	0.681	0.0	DIM_ARCO-01
1264	S 355	0.690	0.0	DIM_ARCO-01
1265	S 355	0.697	0.0	DIM_ARCO-01
1266	S 355	0.707	0.0	DIM_ARCO-01
1267	S 355	0.712	0.0	DIM_ARCO-01
1268	S 355	0.722	0.0	DIM_ARCO-01
1269	S 355	0.734	0.0	DIM_ARCO-01
1270	S 355	0.747	0.0	DIM_ARCO-01
1271	S 355	0.759	0.0	DIM_ARCO-01
1272	S 355	0.773	0.0	DIM_ARCO-01
1301	S 355	2.467	0.0	DIM_PEND
1302	S 355	4.329	0.0	DIM_PEND
1303	S 355	5.713	0.0	DIM_PEND
1304	S 355	6.660	0.0	DIM_PEND
1305	S 355	7.214	0.0	DIM_PEND
1306	S 355	7.390	0.0	DIM_PEND
1307	S 355	7.208	0.0	DIM_PEND
1308	S 355	6.660	0.0	DIM_PEND
1309	S 355	5.713	0.0	DIM_PEND
1310	S 355	4.329	0.0	DIM_PEND
1311	S 355	2.467	0.0	DIM_PEND
1411	S 355	5.568	0.0	DIM_DIAG-01
1412	S 355	6.884	0.0	DIM_DIAG-02
1421	S 355	6.705	0.0	DIM_DIAG-03
1422	S 355	7.672	0.0	DIM_DIAG-04
1431	S 355	7.549	0.0	DIM_DIAG-05
1432	S 355	8.131	0.0	DIM_DIAG-06
1441	S 355	8.069	0.0	DIM_DIAG-07
1442	S 355	8.258	0.0	DIM_DIAG-08
1451	S 355	8.069	0.0	DIM_DIAG-07
1452	S 355	8.253	0.0	DIM_DIAG-08
1461	S 355	7.544	0.0	DIM_DIAG-05
1462	S 355	8.131	0.0	DIM_DIAG-06
1471	S 355	6.705	0.0	DIM_DIAG-03
1472	S 355	7.672	0.0	DIM_DIAG-04
1481	S 355	5.568	0.0	DIM_DIAG-01
1482	S 355	6.884	0.0	DIM_DIAG-02
2101	S 355	0.595	0.0	DIM_TABLERO
2102	S 355	0.595	0.0	DIM_TABLERO
2103	S 355	0.596	0.0	DIM_TABLERO
2104	S 355	0.595	0.0	DIM_TABLERO
2105	S 355	0.595	0.0	DIM_TABLERO
2106	S 355	0.595	0.0	DIM_TABLERO
2107	S 355	0.599	0.0	DIM_TABLERO
2108	S 355	0.598	0.0	DIM_TABLERO
2109	S 355	0.599	0.0	DIM_TABLERO
2110	S 355	0.598	0.0	DIM_TABLERO
2111	S 355	0.599	0.0	DIM_TABLERO
2112	S 355	0.597	0.0	DIM_TABLERO
2113	S 355	0.608	0.0	DIM_TABLERO

Member	Material	Length (m)	Gamma (Rad)	Type
2114	S 355	0.609	0.0	DIM_TABLERO
2115	S 355	0.608	0.0	DIM_TABLERO
2116	S 355	0.608	0.0	DIM_TABLERO
2117	S 355	0.609	0.0	DIM_TABLERO
2118	S 355	0.608	0.0	DIM_TABLERO
2119	S 355	0.608	0.0	DIM_TABLERO
2120	S 355	0.609	0.0	DIM_TABLERO
2121	S 355	0.608	0.0	DIM_TABLERO
2122	S 355	0.608	0.0	DIM_TABLERO
2123	S 355	0.609	0.0	DIM_TABLERO
2124	S 355	0.608	0.0	DIM_TABLERO
2125	S 355	0.608	0.0	DIM_TABLERO
2126	S 355	0.609	0.0	DIM_TABLERO
2127	S 355	0.608	0.0	DIM_TABLERO
2128	S 355	0.608	0.0	DIM_TABLERO
2129	S 355	0.609	0.0	DIM_TABLERO
2130	S 355	0.608	0.0	DIM_TABLERO
2131	S 355	0.608	0.0	DIM_TABLERO
2132	S 355	0.609	0.0	DIM_TABLERO
2133	S 355	0.608	0.0	DIM_TABLERO
2134	S 355	0.608	0.0	DIM_TABLERO
2135	S 355	0.609	0.0	DIM_TABLERO
2136	S 355	0.608	0.0	DIM_TABLERO
2137	S 355	0.608	0.0	DIM_TABLERO
2138	S 355	0.609	0.0	DIM_TABLERO
2139	S 355	0.608	0.0	DIM_TABLERO
2140	S 355	0.608	0.0	DIM_TABLERO
2141	S 355	0.609	0.0	DIM_TABLERO
2142	S 355	0.608	0.0	DIM_TABLERO
2143	S 355	0.608	0.0	DIM_TABLERO
2144	S 355	0.609	0.0	DIM_TABLERO
2145	S 355	0.608	0.0	DIM_TABLERO
2146	S 355	0.608	0.0	DIM_TABLERO
2147	S 355	0.609	0.0	DIM_TABLERO
2148	S 355	0.608	0.0	DIM_TABLERO
2149	S 355	0.608	0.0	DIM_TABLERO
2150	S 355	0.609	0.0	DIM_TABLERO
2151	S 355	0.608	0.0	DIM_TABLERO
2152	S 355	0.608	0.0	DIM_TABLERO
2153	S 355	0.609	0.0	DIM_TABLERO
2154	S 355	0.608	0.0	DIM_TABLERO
2155	S 355	0.608	0.0	DIM_TABLERO
2156	S 355	0.609	0.0	DIM_TABLERO
2157	S 355	0.608	0.0	DIM_TABLERO
2158	S 355	0.608	0.0	DIM_TABLERO
2159	S 355	0.609	0.0	DIM_TABLERO
2160	S 355	0.608	0.0	DIM_TABLERO
2161	S 355	0.597	0.0	DIM_TABLERO
2162	S 355	0.599	0.0	DIM_TABLERO
2163	S 355	0.598	0.0	DIM_TABLERO
2164	S 355	0.599	0.0	DIM_TABLERO
2165	S 355	0.598	0.0	DIM_TABLERO

Member	Material	Length (m)	Gamma (Rad)	Type
2166	S 355	0.599	0.0	DIM_TABLERO
2167	S 355	0.595	0.0	DIM_TABLERO
2168	S 355	0.595	0.0	DIM_TABLERO
2169	S 355	0.595	0.0	DIM_TABLERO
2170	S 355	0.596	0.0	DIM_TABLERO
2171	S 355	0.595	0.0	DIM_TABLERO
2172	S 355	0.595	0.0	DIM_TABLERO
2201	S 355	0.773	0.0	DIM_ARCO-01
2202	S 355	0.759	0.0	DIM_ARCO-01
2203	S 355	0.747	0.0	DIM_ARCO-01
2204	S 355	0.734	0.0	DIM_ARCO-01
2205	S 355	0.722	0.0	DIM_ARCO-01
2206	S 355	0.712	0.0	DIM_ARCO-01
2207	S 355	0.707	0.0	DIM_ARCO-01
2208	S 355	0.697	0.0	DIM_ARCO-01
2209	S 355	0.690	0.0	DIM_ARCO-01
2210	S 355	0.681	0.0	DIM_ARCO-01
2211	S 355	0.674	0.0	DIM_ARCO-01
2212	S 355	0.667	0.0	DIM_ARCO-01
2213	S 355	0.672	0.0	DIM_ARCO-01
2214	S 355	0.667	0.0	DIM_ARCO-01
2215	S 355	0.660	0.0	DIM_ARCO-01
2216	S 355	0.655	0.0	DIM_ARCO-02
2217	S 355	0.651	0.0	DIM_ARCO-02
2218	S 355	0.646	0.0	DIM_ARCO-02
2219	S 355	0.641	0.0	DIM_ARCO-02
2220	S 355	0.638	0.0	DIM_ARCO-02
2221	S 355	0.634	0.0	DIM_ARCO-02
2222	S 355	0.630	0.0	DIM_ARCO-02
2223	S 355	0.628	0.0	DIM_ARCO-02
2224	S 355	0.624	0.0	DIM_ARCO-02
2225	S 355	0.622	0.0	DIM_ARCO-02
2226	S 355	0.621	0.0	DIM_ARCO-02
2227	S 355	0.617	0.0	DIM_ARCO-02
2228	S 355	0.615	0.0	DIM_ARCO-02
2229	S 355	0.615	0.0	DIM_ARCO-02
2230	S 355	0.612	0.0	DIM_ARCO-02
2231	S 355	0.611	0.0	DIM_ARCO-02
2232	S 355	0.611	0.0	DIM_ARCO-02
2233	S 355	0.609	0.0	DIM_ARCO-02
2234	S 355	0.609	0.0	DIM_ARCO-02
2235	S 355	0.609	0.0	DIM_ARCO-02
2236	S 355	0.608	0.0	DIM_ARCO-02
2237	S 355	0.608	0.0	DIM_ARCO-02
2238	S 355	0.609	0.0	DIM_ARCO-02
2239	S 355	0.609	0.0	DIM_ARCO-02
2240	S 355	0.609	0.0	DIM_ARCO-02
2241	S 355	0.611	0.0	DIM_ARCO-02
2242	S 355	0.611	0.0	DIM_ARCO-02
2243	S 355	0.612	0.0	DIM_ARCO-02
2244	S 355	0.615	0.0	DIM_ARCO-02
2245	S 355	0.615	0.0	DIM_ARCO-02

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Member	Material	Length (m)	Gamma (Rad)	Type
2246	S 355	0.617	0.0	DIM_ARCO-02
2247	S 355	0.621	0.0	DIM_ARCO-02
2248	S 355	0.622	0.0	DIM_ARCO-02
2249	S 355	0.624	0.0	DIM_ARCO-02
2250	S 355	0.628	0.0	DIM_ARCO-02
2251	S 355	0.630	0.0	DIM_ARCO-02
2252	S 355	0.634	0.0	DIM_ARCO-02
2253	S 355	0.638	0.0	DIM_ARCO-02
2254	S 355	0.641	0.0	DIM_ARCO-02
2255	S 355	0.646	0.0	DIM_ARCO-02
2256	S 355	0.651	0.0	DIM_ARCO-02
2257	S 355	0.655	0.0	DIM_ARCO-02
2258	S 355	0.660	0.0	DIM_ARCO-01
2259	S 355	0.667	0.0	DIM_ARCO-01
2260	S 355	0.672	0.0	DIM_ARCO-01
2261	S 355	0.667	0.0	DIM_ARCO-01
2262	S 355	0.674	0.0	DIM_ARCO-01
2263	S 355	0.681	0.0	DIM_ARCO-01
2264	S 355	0.690	0.0	DIM_ARCO-01
2265	S 355	0.697	0.0	DIM_ARCO-01
2266	S 355	0.707	0.0	DIM_ARCO-01
2267	S 355	0.712	0.0	DIM_ARCO-01
2268	S 355	0.722	0.0	DIM_ARCO-01
2269	S 355	0.734	0.0	DIM_ARCO-01
2270	S 355	0.747	0.0	DIM_ARCO-01
2271	S 355	0.759	0.0	DIM_ARCO-01
2272	S 355	0.773	0.0	DIM_ARCO-01
2301	S 355	2.467	0.0	DIM_PEND
2302	S 355	4.329	0.0	DIM_PEND
2303	S 355	5.713	0.0	DIM_PEND
2304	S 355	6.660	0.0	DIM_PEND
2305	S 355	7.214	0.0	DIM_PEND
2306	S 355	7.390	0.0	DIM_PEND
2307	S 355	7.208	0.0	DIM_PEND
2308	S 355	6.660	0.0	DIM_PEND
2309	S 355	5.713	0.0	DIM_PEND
2310	S 355	4.329	0.0	DIM_PEND
2311	S 355	2.467	0.0	DIM_PEND
2411	S 355	5.568	0.0	DIM_DIAG-01
2412	S 355	6.884	0.0	DIM_DIAG-02
2421	S 355	6.705	0.0	DIM_DIAG-03
2422	S 355	7.672	0.0	DIM_DIAG-04
2431	S 355	7.549	0.0	DIM_DIAG-05
2432	S 355	8.131	0.0	DIM_DIAG-06
2441	S 355	8.069	0.0	DIM_DIAG-07
2442	S 355	8.258	0.0	DIM_DIAG-08
2451	S 355	8.069	0.0	DIM_DIAG-07
2452	S 355	8.253	0.0	DIM_DIAG-08
2461	S 355	7.544	0.0	DIM_DIAG-05
2462	S 355	8.131	0.0	DIM_DIAG-06
2471	S 355	6.705	0.0	DIM_DIAG-03
2472	S 355	7.672	0.0	DIM_DIAG-04

Member	Material	Length (m)	Gamma (Rad)	Type
2481	S 355	5.568	0.0	DIM_DIAG-01
2482	S 355	6.884	0.0	DIM_DIAG-02
3011	S 355	3.000	0.0	RC Column
3012	S 355	9.000	0.0	Simple bar
3013	S 355	3.000	0.0	RC Column
3031	S 355	3.000	0.0	RC Column
3032	S 355	9.000	0.0	Simple bar
3033	S 355	3.000	0.0	RC Column
3051	S 355	3.000	0.0	RC Column
3052	S 355	9.000	0.0	Simple bar
3053	S 355	3.000	0.0	RC Column
3071	S 355	3.000	0.0	RC Column
3072	S 355	9.000	0.0	Simple bar
3073	S 355	3.000	0.0	RC Column
3091	S 355	3.000	0.0	RC Column
3092	S 355	9.000	0.0	Simple bar
3093	S 355	3.000	0.0	RC Column
3111	S 355	3.000	0.0	RC Column
3112	S 355	9.000	0.0	Simple bar
3113	S 355	3.000	0.0	RC Column
3131	S 355	3.000	0.0	RC Column
3132	S 355	9.000	0.0	Simple bar
3133	S 355	3.000	0.0	RC Column
3151	S 355	3.000	0.0	RC Column
3152	S 355	9.000	0.0	Simple bar
3153	S 355	3.000	0.0	RC Column
3171	S 355	3.000	0.0	RC Column
3172	S 355	9.000	0.0	Simple bar
3173	S 355	3.000	0.0	RC Column
3191	S 355	3.000	0.0	RC Column
3192	S 355	9.000	0.0	Simple bar
3193	S 355	3.000	0.0	RC Column
3211	S 355	3.000	0.0	RC Column
3212	S 355	9.000	0.0	Simple bar
3213	S 355	3.000	0.0	RC Column
3231	S 355	3.000	0.0	RC Column
3232	S 355	9.000	0.0	Simple bar
3233	S 355	3.000	0.0	RC Column
3251	S 355	3.000	0.0	RC Column
3252	S 355	9.000	0.0	Simple bar
3253	S 355	3.000	0.0	RC Column
4101	S 355	3.570	0.0	Column
4102	S 355	3.588	0.0	Column
4103	S 355	3.652	0.0	Column
4104	S 355	3.651	0.0	Column
4105	S 355	3.650	0.0	Column
4106	S 355	3.650	0.0	Column
4107	S 355	3.650	0.0	Column
4108	S 355	3.650	0.0	Column
4109	S 355	3.651	0.0	Column
4110	S 355	3.652	0.0	Column
4111	S 355	3.588	0.0	Column

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Member	Material	Length (m)	Gamma (Rad)	Type
4112	S 355	3.570	0.0	Column
4201	S 355	5.744	0.0	Column
4202	S 355	5.744	0.0	Column
4203	S 355	5.756	0.0	Column
4204	S 355	5.756	0.0	Column
4205	S 355	5.796	0.0	Column
4206	S 355	5.796	0.0	Column
4207	S 355	5.795	0.0	Column
4208	S 355	5.795	0.0	Column
4209	S 355	5.794	0.0	Column
4210	S 355	5.794	0.0	Column
4211	S 355	5.794	0.0	Column
4212	S 355	5.794	0.0	Column
4213	S 355	5.794	0.0	Column
4214	S 355	5.794	0.0	Column
4215	S 355	5.794	0.0	Column
4216	S 355	5.794	0.0	Column
4217	S 355	5.795	0.0	Column
4218	S 355	5.795	0.0	Column
4219	S 355	5.796	0.0	Column
4220	S 355	5.796	0.0	Column
4221	S 355	5.756	0.0	Column
4222	S 355	5.756	0.0	Column
4223	S 355	5.744	0.0	Column
4224	S 355	5.744	0.0	Column
5001	S 275	9.000	0.0	Column
5002	S 275	9.000	0.0	Column
5003	S 275	9.000	0.0	Column
5004	S 275	9.000	0.0	Column
9911	C30/37	3.561	0.0	Simple bar
9912	C30/37	3.588	0.0	Simple bar
9913	C30/37	3.652	0.0	Simple bar
9914	C30/37	3.651	0.0	Simple bar
9915	C30/37	3.650	0.0	Simple bar
9916	C30/37	3.650	0.0	Simple bar
9917	C30/37	3.650	0.0	Simple bar
9921	C30/37	3.561	0.0	Simple bar
9922	C30/37	3.588	0.0	Simple bar
9923	C30/37	3.652	0.0	Simple bar
9924	C30/37	3.651	0.0	Simple bar
9925	C30/37	3.650	0.0	Simple bar
9926	C30/37	3.650	0.0	Simple bar
9927	C30/37	3.650	0.0	Simple bar

Data - Sections

Section name	Member list	AX (cm2)	AY (cm2)
TABLERO-ARR	1101to1103 1170to1172 2101to2103 21-70to2172	355.0	250.0
PEND-TRACC	1301to1311 2301to2311	42.2	22.4
DIAG-TRACC	1411to1481By10 2411to2481By10	48.0	24.0
DIAG-COMP	1412to1482By10 2412to2482By10	63.7	35.0
ARRIOSTRAM-ARCO	5001to5004	273.0	135.0
TABLERO-01	1104to1116 1157to1169 2104to2116 21-57to2169	285.2	200.0
TABLERO-02	1117to1156 2117to2156	285.2	200.0
ARCO-01	1201to1215 1258to1272 2201to2215 22-58to2272	445.0	250.0
ARCO-02	1216to1257 2216to2257	358.4	200.0
VTRANSV-VOL	3011to3251By20 3013to3253By20	255.2	200.0
VTRANSV	3012to3252By20	285.2	200.0
LOSA-HUELLA	9911to9917 9921to9927	4250.0	3541.7
SHS_160.8	4101to4112 4201to4224	48.6	25.6

Section name	AZ (cm2)	IX (cm4)	IY (cm4)	IZ (cm4)
TABLERO-ARR	105.0	582.1	371520.8	52103.0
PEND-TRACC	22.4	1840.0	1231.2	1231.2
DIAG-TRACC	28.0	1704.1	1304.0	1016.0
DIAG-COMP	35.0	2590.8	1743.8	1743.8
ARRIOSTRAM-ARCO	147.0	140749.1	100507.8	88089.8
TABLERO-01	85.2	300.4	302307.8	41676.9
TABLERO-02	85.2	300.4	302307.8	41676.9
ARCO-01	210.0	332839.7	353552.1	166792.1
ARCO-02	168.0	271672.2	288765.9	135990.7
VTRANSV-VOL	55.2	286.0	125000.3	41673.3
VTRANSV	85.2	300.4	302307.8	41676.9
LOSA-HUELLA	3541.7	803355.4	221354.2	10235416.7
SHS_160.8	25.6	2809.4	1878.2	1878.2

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Data - Materials

	Material	E (MPa)	G (MPa)	NI	LX (1/°C)	RO (kN/m3)	Re (MPa)
1	S 275	210000.00	81000.00	0.30	0.0	77.0	275.00
2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	S 355	210000.00	81000.00	0.30	0.0	77.0	355.00

Data - Supports

Support name	List of nodes	List of edges	List of objects	Support conditions
APO-01	1100 2100			UX UY UZ
APO-02	1172 2172			UY UZ

Loads - Cases

Case	Label	Case name
1001	1001	PP_EM
1002	1002	W_Losa-PLAT
1003	1003	W_Losa-ACERAS
2001	2001	CMpav
2002	2002	CMaceras
2003	2003	CMbarrera
2004	2004	CMbarandilla
3000	3000	SCservicios
4000	4000	SCtotal
4001	4001	SC-01
4002	4002	SC-02
4003	4003	SC-03
4004	4004	SC-04
4005	4005	SC-05
4006	4006	SC-06
4007	4007	SC-07
4008	4008	SC-08
4009	4009	SC-09
4010	4010	SC-10
4011	4011	SC-11
4012	4012	SC-12
4013	4013	SC-13
4014	4014	SC-14
4015	4015	SC-15
4100	4100	SCpeattot
4101	4101	SCpeat-01
4102	4102	SCpeat-02
4103	4103	SCpeat-03
4104	4104	SCpeat-04
4105	4105	SCpeat-05
4106	4106	SCpeat-06
4107	4107	SCpeat-07
4108	4108	SCpeat-08
4109	4109	SCpeat-09
4110	4110	SCpeat-10
4111	4111	SCpeat-11
4112	4112	SCpeat-12
4113	4113	SCpeat-13
4114	4114	SCpeat-14
4115	4115	SCpeat-15
5000	5000	FRENADO
5001	5001	CA-01
5002	5002	CA-02
5003	5003	CA-03
5004	5004	CA-04
5005	5005	CA-05
5006	5006	CA-06
5007	5007	CA-07

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Case	Label	Case name
9001	9001	CPERMmin
9002	9002	CPERMmax
9100		ELU-BUCK_QTOT
9101		ELU-BUCK_01
9102		ELU-BUCK_02
9103		ELU-BUCK_03
9104		ELU-BUCK_04

Case	Nature	Analysis type
1001	Structural	Static - Linear
1002	Structural	Static - Linear
1003	Structural	Static - Linear
2001	Structural	Static - Linear
2002	Structural	Static - Linear
2003	Structural	Static - Linear
2004	Structural	Static - Linear
3000	Structural	Static - Linear
4000	Category F	Static - Linear
4001	Category F	Static - Linear
4002	Category F	Static - Linear
4003	Category F	Static - Linear
4004	Category F	Static - Linear
4005	Category F	Static - Linear
4006	Category F	Static - Linear
4007	Category F	Static - Linear
4008	Category F	Static - Linear
4009	Category F	Static - Linear
4010	Category F	Static - Linear
4011	Category F	Static - Linear
4012	Category F	Static - Linear
4013	Category F	Static - Linear
4014	Category F	Static - Linear
4015	Category F	Static - Linear
4100	Category F	Static - Linear
4101	Category F	Static - Linear
4102	Category F	Static - Linear
4103	Category F	Static - Linear
4104	Category F	Static - Linear
4105	Category F	Static - Linear
4106	Category F	Static - Linear
4107	Category F	Static - Linear
4108	Category F	Static - Linear
4109	Category F	Static - Linear
4110	Category F	Static - Linear
4111	Category F	Static - Linear
4112	Category F	Static - Linear
4113	Category F	Static - Linear
4114	Category F	Static - Linear
4115	Category F	Static - Linear
5000	Category G	Static - Linear
5001	Category G	Static - Linear
5002	Category G	Static - Linear
5003	Category G	Static - Linear

Case	Nature	Analysis type
5004	Category G	Static - Linear
5005	Category G	Static - Linear
5006	Category G	Static - Linear
5007	Category G	Static - Linear
9001	Structural	Linear Combination
9002	Structural	Linear Combination
9100	Structural	Combination of buckling cases
9101	Structural	Combination of buckling cases
9102		Combination of buckling cases
9103		Combination of buckling cases
9104		Combination of buckling cases

Loads - Values

Case	Load type	List	Load values
1001	self-weight	1101to1172 1201to1272 1301to1311 1411to1-481By10 1412to1482By10 2101to2172 2201to-2272 2301to2311 2411to2481By10 2412to248-2By10 3011to3013 3031to3033 3051to3053 3-071to3073 3091to3093 3111to3113 3131to31-33 3151to3153 3171to3173 3191to3193 3211t-o3213 3231to3233 3251to3253 4101to4112 4-201to4224 5001to5004	PZ Negative Factor=1.00
1002	(FE) uniform	9012to9016 9022to9026 9032to9036 9042to9-046 9052to9056 9062to9066 9072to9076 908-2to9086 9092to9096 9102to9106 9112to9116 9122to9126	PZ=-6.3(kN/m2)
1003	(FE) uniform	9011to9121By10 9017to9127By10	PZ=-3.5(kN/m2)
2001	(FE) uniform	9013to9015 9023to9025 9033to9035 9043to9-045 9053to9055 9063to9065 9073to9075 908-3to9085 9093to9095 9103to9105 9113to9115 9123to9125	PZ=-1.4(kN/m2)
2002	(FE) uniform	9011to9121By10 9017to9127By10	PZ=-1.0(kN/m2)
2003	(FE) uniform	9012to9122By10 9016to9126By10	PZ=-6.7(kN/m2)
2004	(FE) linear on edges	9011_EDGE(1) 9017_EDGE(2) 9021_EDGE(1) 9027_EDGE(2) 9031_EDGE(1) 9037_EDGE(2) 9041_EDGE(1) 9047_EDGE(2) 9051_EDGE(1) 9057_EDGE(2) 9061_EDGE(1) 9067_EDGE(2) 9071_EDGE(1) 9077_EDGE(2) 9081_EDGE(1) 9087_EDGE(2) 9091_EDGE(1) 9097_EDGE(2) 9101_EDGE(1) 9107_EDGE(2) 9111_EDGE(1) 9117_EDGE(2) 9121_EDGE(1) 9127_EDGE(2)	PZ=-1.0(kN/m)
3000	(FE) uniform	9011to9017 9021to9027 9031to9037 9041to9-047 9051to9057 9061to9067 9071to9077 908-1to9087 9091to9097 9101to9107 9111to9117 9121to9127	PZ=-0.5(kN/m2)
4000	(FE) uniform	9013to9123By10	PZ=-9.0(kN/m2)
4000	(FE) uniform	9014to9124By10 9015to9125By10	PZ=-2.5(kN/m2)
4001	(FE) uniform	9013 9023	PZ=-9.0(kN/m2)
4001	(FE) uniform	9014 9015 9024 9025	PZ=-2.5(kN/m2)
4002	(FE) uniform	9023 9033	PZ=-9.0(kN/m2)
4002	(FE) uniform	9024 9025 9034 9035	PZ=-2.5(kN/m2)
4003	(FE) uniform	9033 9043	PZ=-9.0(kN/m2)
4003	(FE) uniform	9034 9035 9044 9045	PZ=-2.5(kN/m2)
4004	(FE) uniform	9043 9053	PZ=-9.0(kN/m2)
4004	(FE) uniform	9044 9045 9054 9055	PZ=-2.5(kN/m2)
4005	(FE) uniform	9053 9063	PZ=-9.0(kN/m2)
4005	(FE) uniform	9054 9055 9064 9065	PZ=-2.5(kN/m2)
4006	(FE) uniform	9063 9073	PZ=-9.0(kN/m2)
4006	(FE) uniform	9064 9065 9074 9075	PZ=-2.5(kN/m2)
4007	(FE) uniform	9013 9023 9033	PZ=-9.0(kN/m2)
4007	(FE) uniform	9014 9015 9024 9025 9034 9035	PZ=-2.5(kN/m2)
4008	(FE) uniform	9023 9033 9043	PZ=-9.0(kN/m2)
4008	(FE) uniform	9024 9025 9034 9035 9044 9045	PZ=-2.5(kN/m2)
4009	(FE) uniform	9033 9043 9053	PZ=-9.0(kN/m2)
4009	(FE) uniform	9034 9035 9044 9045 9054 9055	PZ=-2.5(kN/m2)
4010	(FE) uniform	9043 9053 9063	PZ=-9.0(kN/m2)
4010	(FE) uniform	9044 9045 9054 9055 9064 9065	PZ=-2.5(kN/m2)

Case	Load type	List	Load values
4011	(FE) uniform	9053 9063 9073	PZ=-9.0(kN/m2)
4011	(FE) uniform	9054 9055 9064 9065 9074 9075	PZ=-2.5(kN/m2)
4012	(FE) uniform	9013to9063By10	PZ=-9.0(kN/m2)
4012	(FE) uniform	9014to9064By10 9015to9065By10	PZ=-2.5(kN/m2)
4013	(FE) uniform	9023to9073By10	PZ=-9.0(kN/m2)
4013	(FE) uniform	9024to9074By10 9025to9075By10	PZ=-2.5(kN/m2)
4014	(FE) uniform	9033to9083By10	PZ=-9.0(kN/m2)
4014	(FE) uniform	9034to9084By10 9035to9085By10	PZ=-2.5(kN/m2)
4015	(FE) uniform	9043to9093By10	PZ=-9.0(kN/m2)
4015	(FE) uniform	9044to9094By10 9045to9095By10	PZ=-2.5(kN/m2)
4100	(FE) uniform	9011to9121By10 9017to9127By10	PZ=-5.0(kN/m2)
4101	(FE) uniform	9011 9021	PZ=-5.0(kN/m2)
4102	(FE) uniform	9021 9031	PZ=-5.0(kN/m2)
4103	(FE) uniform	9031 9041	PZ=-5.0(kN/m2)
4104	(FE) uniform	9041 9051	PZ=-5.0(kN/m2)
4105	(FE) uniform	9051 9061	PZ=-5.0(kN/m2)
4106	(FE) uniform	9061 9071	PZ=-5.0(kN/m2)
4107	(FE) uniform	9011 9021 9031	PZ=-5.0(kN/m2)
4108	(FE) uniform	9021 9031 9041	PZ=-5.0(kN/m2)
4109	(FE) uniform	9031 9041 9051	PZ=-5.0(kN/m2)
4110	(FE) uniform	9041 9051 9061	PZ=-5.0(kN/m2)
4111	(FE) uniform	9051 9061 9071	PZ=-5.0(kN/m2)
4112	(FE) uniform	9011to9061By10	PZ=-5.0(kN/m2)
4113	(FE) uniform	9021to9071By10	PZ=-5.0(kN/m2)
4114	(FE) uniform	9031to9081By10	PZ=-5.0(kN/m2)
4115	(FE) uniform	9041to9091By10	PZ=-5.0(kN/m2)
5001	member force	9911	FZ=-300.0(kN) X=0.001(m)
5001	member force	9911	FZ=-300.0(kN) X=1.200(m)
5001	member force	9921	FZ=-200.0(kN) X=1.200(m)
5001	member force	9921	FZ=-200.0(kN) X=0.001(m)
5002	member force	9922	FZ=-200.0(kN) X=0.600(m)
5002	member force	9911	FZ=-300.0(kN) X=2.970(m)
5002	member force	9912	FZ=-300.0(kN) X=0.600(m)
5002	member force	9921	FZ=-200.0(kN) X=2.970(m)
5003	member force	9912	FZ=-300.0(kN) X=2.990(m)
5003	member force	9913	FZ=-300.0(kN) X=0.600(m)
5003	member force	9922	FZ=-200.0(kN) X=2.990(m)
5003	member force	9923	FZ=-200.0(kN) X=0.600(m)
5004	member force	9913	FZ=-300.0(kN) X=3.050(m)
5004	member force	9914	FZ=-300.0(kN) X=0.600(m)
5004	member force	9923	FZ=-200.0(kN) X=3.050(m)
5004	member force	9924	FZ=-200.0(kN) X=0.600(m)
5005	member force	9914	FZ=-300.0(kN) X=3.050(m)
5005	member force	9915	FZ=-300.0(kN) X=0.600(m)
5005	member force	9924	FZ=-200.0(kN) X=3.050(m)
5005	member force	9925	FZ=-200.0(kN) X=0.600(m)
5006	member force	9925	FZ=-200.0(kN) X=3.050(m)
5006	member force	9926	FZ=-200.0(kN) X=0.600(m)
5006	member force	9915	FZ=-300.0(kN) X=3.050(m)
5006	member force	9916	FZ=-300.0(kN) X=0.600(m)
5007	member force	9916	FZ=-300.0(kN) X=3.050(m)
5007	member force	9926	FZ=-200.0(kN) X=3.050(m)

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Case	Load type	List	Load values
5007	member force	9927	FZ=-200.0(kN) X=0.600(m)
5007	member force	9917	FZ=-300.0(kN) X=0.600(m)

Combinations

Combinations	Name	Analysis type	Combination type
9001 (C)	CPERMmin	Linear Combination	SLS
9002 (C)	CPERMmax	Linear Combination	SLS
9100	ELU-BUCK_QTOT	Combination of buckling cases	ULS
9101	ELU-BUCK_01	Combination of buckling cases	ULS
9102	ELU-BUCK_02	Combination of buckling cases	ULS
9103	ELU-BUCK_03	Combination of buckling cases	ULS
9104	ELU-BUCK_04	Combination of buckling cases	ULS

Combinations	Case nature	Definition
9001 (C)	Structural	(1001+1002+1003+2001+2002+2003+2004)*1.00
9002 (C)	Structural	(1001+1002+1003+2002+2003+2004)*1.00+2001*1.50+3000*1.25
9100	Structural	(9002+4000+5007)*1.35+4100*0.68
9101	Structural	(9002+4008+5003)*1.35+4108*0.68
9102		(9002+4010+5005)*1.35+4110*0.68
9103		(9002+4012+5004)*1.35+4112*0.68
9104		(9002+4015+5007)*1.35+4115*0.68

MODELO ELU FATIGA

Project: MEF_Arco Río Cabe-Monforte_3D_v00-ELU FAT

Data - Nodes

Node	X (m)	Y (m)	Z (m)	Support code	Support
1	-25.944	-2.100	-0.846	xxxxxx	Fixed
2	-21.750	-2.100	-0.625		
3	-18.185	-2.100	-0.437		
4	-14.600	-2.100	-0.282		
5	-10.950	-2.100	-0.158		
6	-7.300	-2.100	-0.070		
7	-3.650	-2.100	-0.018		
8	0.0	-2.100	0.0		
9	3.650	-2.100	-0.012		
10	7.300	-2.100	-0.070		
11	10.950	-2.100	-0.158		
12	14.600	-2.100	-0.282		
13	18.185	-2.100	-0.437		
14	21.750	-2.100	-0.625		
15	25.944	-2.100	-0.846	xxxxxx	Fixed
901	-21.800	-2.100	-0.628	xxxfff	APO-01
902	21.800	-2.100	-0.628	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1101	-21.156	-4.500	-0.592		
1102	-20.562	-4.500	-0.559		
1103	-19.967	-4.500	-0.527		
1104	-19.373	-4.500	-0.496		
1105	-18.779	-4.500	-0.466		
1106	-18.185	-4.500	-0.437		
1107	-17.587	-4.500	-0.409		
1108	-16.990	-4.500	-0.382		
1109	-16.392	-4.500	-0.355		
1110	-15.795	-4.500	-0.330		
1111	-15.197	-4.500	-0.305		
1112	-14.600	-4.500	-0.282		
1113	-13.992	-4.500	-0.259		
1114	-13.383	-4.500	-0.237		
1115	-12.775	-4.500	-0.216		
1116	-12.167	-4.500	-0.196		
1117	-11.558	-4.500	-0.177		
1118	-10.950	-4.500	-0.158		
1119	-10.342	-4.500	-0.141		
1120	-9.733	-4.500	-0.125		
1121	-9.125	-4.500	-0.110		
1122	-8.517	-4.500	-0.096		
1123	-7.908	-4.500	-0.083		
1124	-7.300	-4.500	-0.070		
1125	-6.692	-4.500	-0.059		
1126	-6.083	-4.500	-0.049		
1127	-5.475	-4.500	-0.040		
1128	-4.867	-4.500	-0.040		
1129	-4.258	-4.500	-0.024		
1130	-3.650	-4.500	-0.018		

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Node	X (m)	Y (m)	Z (m)	Support code	Support
1131	-3.042	-4.500	-0.012		
1132	-2.433	-4.500	-0.008		
1133	-1.825	-4.500	-0.004		
1134	-1.217	-4.500	-0.002		
1135	-0.608	-4.500	-0.001		
1136	0.0	-4.500	0.0		
1137	0.608	-4.500	-0.001		
1138	1.217	-4.500	-0.002		
1139	1.825	-4.500	-0.004		
1140	2.433	-4.500	-0.008		
1141	3.042	-4.500	-0.012		
1142	3.650	-4.500	-0.012		
1143	4.258	-4.500	-0.024		
1144	4.867	-4.500	-0.031		
1145	5.475	-4.500	-0.040		
1146	6.083	-4.500	-0.049		
1147	6.692	-4.500	-0.059		
1148	7.300	-4.500	-0.070		
1149	7.908	-4.500	-0.083		
1150	8.517	-4.500	-0.096		
1151	9.125	-4.500	-0.110		
1152	9.733	-4.500	-0.125		
1153	10.342	-4.500	-0.141		
1154	10.950	-4.500	-0.158		
1155	11.558	-4.500	-0.177		
1156	12.167	-4.500	-0.196		
1157	12.775	-4.500	-0.216		
1158	13.383	-4.500	-0.237		
1159	13.992	-4.500	-0.259		
1160	14.600	-4.500	-0.282		
1161	15.197	-4.500	-0.305		
1162	15.795	-4.500	-0.330		
1163	16.392	-4.500	-0.355		
1164	16.990	-4.500	-0.382		
1165	17.587	-4.500	-0.409		
1166	18.185	-4.500	-0.437		
1167	18.779	-4.500	-0.466		
1168	19.373	-4.500	-0.496		
1169	19.967	-4.500	-0.527		
1170	20.562	-4.500	-0.559		
1171	21.156	-4.500	-0.592		
1172	21.750	-4.500	-0.625	fxxfff	APO-02
1201	-21.156	-4.500	-0.130		
1202	-20.562	-4.500	0.343		
1203	-19.967	-4.500	0.795		
1204	-19.373	-4.500	1.226		
1205	-18.779	-4.500	1.637		
1206	-18.185	-4.500	2.030		
1207	-17.587	-4.500	2.408		
1208	-16.990	-4.500	2.767		
1209	-16.392	-4.500	3.111		
1210	-15.795	-4.500	3.438		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1211	-15.197	-4.500	3.750		
1212	-14.600	-4.500	4.047		
1213	-13.992	-4.500	4.333		
1214	-13.383	-4.500	4.606		
1215	-12.775	-4.500	4.864		
1216	-12.167	-4.500	5.108		
1217	-11.558	-4.500	5.338		
1218	-10.950	-4.500	5.555		
1219	-10.342	-4.500	5.759		
1220	-9.733	-4.500	5.950		
1221	-9.125	-4.500	6.129		
1222	-8.517	-4.500	6.295		
1223	-7.908	-4.500	6.449		
1224	-7.300	-4.500	6.590		
1225	-6.692	-4.500	6.720		
1226	-6.083	-4.500	6.839		
1227	-5.475	-4.500	6.945		
1228	-4.867	-4.500	7.040		
1229	-4.258	-4.500	7.124		
1230	-3.650	-4.500	7.196		
1231	-3.042	-4.500	7.257		
1232	-2.433	-4.500	7.307		
1233	-1.825	-4.500	7.346		
1234	-1.217	-4.500	7.373		
1235	-0.608	-4.500	7.390		
1236	0.0	-4.500	7.390		
1237	0.608	-4.500	7.390		
1238	1.217	-4.500	7.373		
1239	1.825	-4.500	7.346		
1240	2.433	-4.500	7.307		
1241	3.042	-4.500	7.257		
1242	3.650	-4.500	7.196		
1243	4.258	-4.500	7.124		
1244	4.867	-4.500	7.040		
1245	5.475	-4.500	6.945		
1246	6.083	-4.500	6.839		
1247	6.692	-4.500	6.720		
1248	7.300	-4.500	6.590		
1249	7.908	-4.500	6.449		
1250	8.517	-4.500	6.295		
1251	9.125	-4.500	6.129		
1252	9.733	-4.500	5.950		
1253	10.342	-4.500	5.759		
1254	10.950	-4.500	5.555		
1255	11.558	-4.500	5.338		
1256	12.167	-4.500	5.108		
1257	12.775	-4.500	4.864		
1258	13.383	-4.500	4.606		
1259	13.992	-4.500	4.333		
1260	14.600	-4.500	4.047		
1261	15.197	-4.500	3.750		
1262	15.795	-4.500	3.438		

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Node	X (m)	Y (m)	Z (m)	Support code	Support
1263	16.392	-4.500	3.111		
1264	16.990	-4.500	2.767		
1265	17.587	-4.500	2.408		
1266	18.185	-4.500	2.030		
1267	18.779	-4.500	1.637		
1268	19.373	-4.500	1.226		
1269	19.967	-4.500	0.795		
1270	20.562	-4.500	0.343		
1271	21.156	-4.500	-0.130		
2100	-21.750	4.500	-0.625	xxxfff	APO-01
2101	-21.156	4.500	-0.592		
2102	-20.562	4.500	-0.559		
2103	-19.967	4.500	-0.527		
2104	-19.373	4.500	-0.496		
2105	-18.779	4.500	-0.466		
2106	-18.185	4.500	-0.437		
2107	-17.587	4.500	-0.409		
2108	-16.990	4.500	-0.382		
2109	-16.392	4.500	-0.355		
2110	-15.795	4.500	-0.330		
2111	-15.197	4.500	-0.305		
2112	-14.600	4.500	-0.282		
2113	-13.992	4.500	-0.259		
2114	-13.383	4.500	-0.237		
2115	-12.775	4.500	-0.216		
2116	-12.167	4.500	-0.196		
2117	-11.558	4.500	-0.177		
2118	-10.950	4.500	-0.158		
2119	-10.342	4.500	-0.141		
2120	-9.733	4.500	-0.125		
2121	-9.125	4.500	-0.110		
2122	-8.517	4.500	-0.096		
2123	-7.908	4.500	-0.083		
2124	-7.300	4.500	-0.070		
2125	-6.692	4.500	-0.059		
2126	-6.083	4.500	-0.049		
2127	-5.475	4.500	-0.040		
2128	-4.867	4.500	-0.040		
2129	-4.258	4.500	-0.024		
2130	-3.650	4.500	-0.018		
2131	-3.042	4.500	-0.012		
2132	-2.433	4.500	-0.008		
2133	-1.825	4.500	-0.004		
2134	-1.217	4.500	-0.002		
2135	-0.608	4.500	-0.001		
2136	0.0	4.500	0.0		
2137	0.608	4.500	-0.001		
2138	1.217	4.500	-0.002		
2139	1.825	4.500	-0.004		
2140	2.433	4.500	-0.008		
2141	3.042	4.500	-0.012		
2142	3.650	4.500	-0.012		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2143	4.258	4.500	-0.024		
2144	4.867	4.500	-0.031		
2145	5.475	4.500	-0.040		
2146	6.083	4.500	-0.049		
2147	6.692	4.500	-0.059		
2148	7.300	4.500	-0.070		
2149	7.908	4.500	-0.083		
2150	8.517	4.500	-0.096		
2151	9.125	4.500	-0.110		
2152	9.733	4.500	-0.125		
2153	10.342	4.500	-0.141		
2154	10.950	4.500	-0.158		
2155	11.558	4.500	-0.177		
2156	12.167	4.500	-0.196		
2157	12.775	4.500	-0.216		
2158	13.383	4.500	-0.237		
2159	13.992	4.500	-0.259		
2160	14.600	4.500	-0.282		
2161	15.197	4.500	-0.305		
2162	15.795	4.500	-0.330		
2163	16.392	4.500	-0.355		
2164	16.990	4.500	-0.382		
2165	17.587	4.500	-0.409		
2166	18.185	4.500	-0.437		
2167	18.779	4.500	-0.466		
2168	19.373	4.500	-0.496		
2169	19.967	4.500	-0.527		
2170	20.562	4.500	-0.559		
2171	21.156	4.500	-0.592		
2172	21.750	4.500	-0.625	fxxfff	APO-02
2201	-21.156	4.500	-0.130		
2202	-20.562	4.500	0.343		
2203	-19.967	4.500	0.795		
2204	-19.373	4.500	1.226		
2205	-18.779	4.500	1.637		
2206	-18.185	4.500	2.030		
2207	-17.587	4.500	2.408		
2208	-16.990	4.500	2.767		
2209	-16.392	4.500	3.111		
2210	-15.795	4.500	3.438		
2211	-15.197	4.500	3.750		
2212	-14.600	4.500	4.047		
2213	-13.992	4.500	4.333		
2214	-13.383	4.500	4.606		
2215	-12.775	4.500	4.864		
2216	-12.167	4.500	5.108		
2217	-11.558	4.500	5.338		
2218	-10.950	4.500	5.555		
2219	-10.342	4.500	5.759		
2220	-9.733	4.500	5.950		
2221	-9.125	4.500	6.129		
2222	-8.517	4.500	6.295		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2223	-7.908	4.500	6.449		
2224	-7.300	4.500	6.590		
2225	-6.692	4.500	6.720		
2226	-6.083	4.500	6.839		
2227	-5.475	4.500	6.945		
2228	-4.867	4.500	7.040		
2229	-4.258	4.500	7.124		
2230	-3.650	4.500	7.196		
2231	-3.042	4.500	7.257		
2232	-2.433	4.500	7.307		
2233	-1.825	4.500	7.346		
2234	-1.217	4.500	7.373		
2235	-0.608	4.500	7.390		
2236	0.0	4.500	7.390		
2237	0.608	4.500	7.390		
2238	1.217	4.500	7.373		
2239	1.825	4.500	7.346		
2240	2.433	4.500	7.307		
2241	3.042	4.500	7.257		
2242	3.650	4.500	7.196		
2243	4.258	4.500	7.124		
2244	4.867	4.500	7.040		
2245	5.475	4.500	6.945		
2246	6.083	4.500	6.839		
2247	6.692	4.500	6.720		
2248	7.300	4.500	6.590		
2249	7.908	4.500	6.449		
2250	8.517	4.500	6.295		
2251	9.125	4.500	6.129		
2252	9.733	4.500	5.950		
2253	10.342	4.500	5.759		
2254	10.950	4.500	5.555		
2255	11.558	4.500	5.338		
2256	12.167	4.500	5.108		
2257	12.775	4.500	4.864		
2258	13.383	4.500	4.606		
2259	13.992	4.500	4.333		
2260	14.600	4.500	4.047		
2261	15.197	4.500	3.750		
2262	15.795	4.500	3.438		
2263	16.392	4.500	3.111		
2264	16.990	4.500	2.767		
2265	17.587	4.500	2.408		
2266	18.185	4.500	2.030		
2267	18.779	4.500	1.637		
2268	19.373	4.500	1.226		
2269	19.967	4.500	0.795		
2270	20.562	4.500	0.343		
2271	21.156	4.500	-0.130		
3101	-21.750	-7.500	-0.625		
3103	-18.185	-7.500	-0.437		
3105	-14.600	-7.500	-0.282		

Node	X (m)	Y (m)	Z (m)	Support code	Support
3107	-10.950	-7.500	-0.158		
3109	-7.300	-7.500	-0.070		
3111	-3.650	-7.500	-0.018		
3113	0.0	-7.500	0.0		
3115	3.650	-7.500	-0.012		
3117	7.300	-7.500	-0.070		
3119	10.950	-7.500	-0.158		
3121	14.600	-7.500	-0.282		
3123	18.185	-7.500	-0.437		
3125	21.750	-7.500	-0.625		
3201	-21.750	7.500	-0.625		
3203	-18.185	7.500	-0.437		
3205	-14.600	7.500	-0.282		
3207	-10.950	7.500	-0.158		
3209	-7.300	7.500	-0.070		
3211	-3.650	7.500	-0.018		
3213	0.0	7.500	0.0		
3215	3.650	7.500	-0.012		
3217	7.300	7.500	-0.070		
3219	10.950	7.500	-0.158		
3221	14.600	7.500	-0.282		
3223	18.185	7.500	-0.437		
3225	21.750	7.500	-0.625		
4001	-21.750	0.0	-0.625		
4003	-18.185	0.0	-0.437		
4005	-14.600	0.0	-0.282		
4007	-10.950	0.0	-0.158		
4009	-7.300	0.0	-0.070		
4011	-3.650	0.0	-0.018		
4013	0.0	0.0	0.0		
4015	3.650	0.0	-0.012		
4017	7.300	0.0	-0.070		
4019	10.950	0.0	-0.158		
4021	14.600	0.0	-0.282		
4023	18.185	0.0	-0.437		
4025	21.750	0.0	-0.625		
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01

Node	X (m)	Y (m)	Z (m)	Support code	Support
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01
1100	-21.750	-4.500	-0.625	xxxfff	APO-01

Node	X (m)	Y (m)	Z (m)	Support code	Support
1100	-21.750	-4.500	-0.625	xxxfff	APO-01

Node	X (m)	Y (m)	Z (m)	Support code	Support
1100	-21.750	-4.500	-0.625	xxxfff	APO-01

Member	Node 1	Node 2	Section	Material
1135	1134	1135	TABLERO-01	S 355
1136	1135	1136	TABLERO-01	S 355
1137	1136	1137	TABLERO-01	S 355
1138	1137	1138	TABLERO-01	S 355
1139	1138	1139	TABLERO-01	S 355
1140	1139	1140	TABLERO-01	S 355
1141	1140	1141	TABLERO-01	S 355
1142	1141	1142	TABLERO-01	S 355
1143	1142	1143	TABLERO-01	S 355
1144	1143	1144	TABLERO-01	S 355
1145	1144	1145	TABLERO-01	S 355
1146	1145	1146	TABLERO-01	S 355
1147	1146	1147	TABLERO-01	S 355
1148	1147	1148	TABLERO-01	S 355
1149	1148	1149	TABLERO-01	S 355
1150	1149	1150	TABLERO-01	S 355
1151	1150	1151	TABLERO-01	S 355
1152	1151	1152	TABLERO-01	S 355
1153	1152	1153	TABLERO-01	S 355
1154	1153	1154	TABLERO-01	S 355
1155	1154	1155	TABLERO-01	S 355
1156	1155	1156	TABLERO-01	S 355
1157	1156	1157	TABLERO-01	S 355
1158	1157	1158	TABLERO-ARR	S 355
1159	1158	1159	TABLERO-ARR	S 355
1160	1159	1160	TABLERO-ARR	S 355
1161	1160	1161	TABLERO-ARR	S 355
1162	1161	1162	TABLERO-ARR	S 355
1163	1162	1163	TABLERO-ARR	S 355
1164	1163	1164	TABLERO-ARR	S 355
1165	1164	1165	TABLERO-ARR	S 355
1166	1165	1166	TABLERO-ARR	S 355
1167	1166	1167	TABLERO-ARR	S 355
1168	1167	1168	TABLERO-ARR	S 355
1169	1168	1169	TABLERO-ARR	S 355
1170	1169	1170	TABLERO-ARR	S 355
1171	1170	1171	TABLERO-ARR	S 355
1172	1171	1172	TABLERO-ARR	S 355
1201	1100	1201	ARCO-01	S 355
1202	1201	1202	ARCO-01	S 355
1203	1202	1203	ARCO-01	S 355
1204	1203	1204	ARCO-01	S 355
1205	1204	1205	ARCO-01	S 355
1206	1205	1206	ARCO-01	S 355
1207	1206	1207	ARCO-01	S 355
1208	1207	1208	ARCO-01	S 355
1209	1208	1209	ARCO-01	S 355
1210	1209	1210	ARCO-01	S 355
1211	1210	1211	ARCO-01	S 355
1212	1211	1212	ARCO-01	S 355
1213	1212	1213	ARCO-01	S 355
1214	1213	1214	ARCO-01	S 355

Member	Node 1	Node 2	Section	Material
1215	1214	1215	ARCO-01	S 355
1216	1215	1216	ARCO-02	S 355
1217	1216	1217	ARCO-02	S 355
1218	1217	1218	ARCO-02	S 355
1219	1218	1219	ARCO-02	S 355
1220	1219	1220	ARCO-02	S 355
1221	1220	1221	ARCO-02	S 355
1222	1221	1222	ARCO-02	S 355
1223	1222	1223	ARCO-02	S 355
1224	1223	1224	ARCO-02	S 355
1225	1224	1225	ARCO-02	S 355
1226	1225	1226	ARCO-02	S 355
1227	1226	1227	ARCO-02	S 355
1228	1227	1228	ARCO-02	S 355
1229	1228	1229	ARCO-02	S 355
1230	1229	1230	ARCO-02	S 355
1231	1230	1231	ARCO-02	S 355
1232	1231	1232	ARCO-02	S 355
1233	1232	1233	ARCO-02	S 355
1234	1233	1234	ARCO-02	S 355
1235	1234	1235	ARCO-02	S 355
1236	1235	1236	ARCO-02	S 355
1237	1236	1237	ARCO-02	S 355
1238	1237	1238	ARCO-02	S 355
1239	1238	1239	ARCO-02	S 355
1240	1239	1240	ARCO-02	S 355
1241	1240	1241	ARCO-02	S 355
1242	1241	1242	ARCO-02	S 355
1243	1242	1243	ARCO-02	S 355
1244	1243	1244	ARCO-02	S 355
1245	1244	1245	ARCO-02	S 355
1246	1245	1246	ARCO-02	S 355
1247	1246	1247	ARCO-02	S 355
1248	1247	1248	ARCO-02	S 355
1249	1248	1249	ARCO-02	S 355
1250	1249	1250	ARCO-02	S 355
1251	1250	1251	ARCO-02	S 355
1252	1251	1252	ARCO-02	S 355
1253	1252	1253	ARCO-02	S 355
1254	1253	1254	ARCO-02	S 355
1255	1254	1255	ARCO-02	S 355
1256	1255	1256	ARCO-02	S 355
1257	1256	1257	ARCO-02	S 355
1258	1257	1258	ARCO-01	S 355
1259	1258	1259	ARCO-01	S 355
1260	1259	1260	ARCO-01	S 355
1261	1260	1261	ARCO-01	S 355
1262	1261	1262	ARCO-01	S 355
1263	1262	1263	ARCO-01	S 355
1264	1263	1264	ARCO-01	S 355
1265	1264	1265	ARCO-01	S 355
1266	1265	1266	ARCO-01	S 355

Member	Node 1	Node 2	Section	Material
1267	1266	1267	ARCO-01	S 355
1268	1267	1268	ARCO-01	S 355
1269	1268	1269	ARCO-01	S 355
1270	1269	1270	ARCO-01	S 355
1271	1270	1271	ARCO-01	S 355
1272	1271	1172	ARCO-01	S 355
1290	1100	1212	ARCO-01	S 355
1291	1212	1218	N/A	S 355
1292	1218	1224	ARCO-02	S 355
1293	1224	1230	ARCO-02	S 355
1294	1230	1236	ARCO-02	S 355
1295	1236	1242	ARCO-02	S 355
1296	1242	1248	ARCO-02	S 355
1297	1248	1254	ARCO-02	S 355
1298	1254	1260	N/A	S 355
1299	1172	1260	ARCO-01	S 355
1301	1206	1106	PEND-TRACC	S 355
1302	1212	1112	PEND-TRACC	S 355
1303	1218	1118	PEND-TRACC	S 355
1304	1224	1124	PEND-TRACC	S 355
1305	1230	1130	PEND-TRACC	S 355
1306	1236	1136	PEND-TRACC	S 355
1307	1242	1142	PEND-TRACC	S 355
1308	1248	1148	PEND-TRACC	S 355
1309	1254	1154	PEND-TRACC	S 355
1310	1260	1160	PEND-TRACC	S 355
1311	1266	1166	PEND-TRACC	S 355
1411	1212	1118	DIAG-TRACC	S 355
1412	1112	1218	DIAG-COMP	S 355
1421	1218	1124	DIAG-TRACC	S 355
1422	1118	1224	DIAG-COMP	S 355
1431	1224	1130	DIAG-TRACC	S 355
1432	1124	1230	DIAG-COMP	S 355
1441	1230	1136	DIAG-TRACC	S 355
1442	1130	1236	DIAG-COMP	S 355
1451	1242	1136	DIAG-TRACC	S 355
1452	1142	1236	DIAG-COMP	S 355
1461	1248	1142	DIAG-TRACC	S 355
1462	1148	1242	DIAG-COMP	S 355
1471	1254	1148	DIAG-TRACC	S 355
1472	1154	1248	DIAG-COMP	S 355
1481	1260	1154	DIAG-TRACC	S 355
1482	1160	1254	DIAG-COMP	S 355
2101	2100	2101	TABLERO-ARR	S 355
2102	2101	2102	TABLERO-ARR	S 355
2103	2102	2103	TABLERO-ARR	S 355
2104	2103	2104	TABLERO-ARR	S 355
2105	2104	2105	TABLERO-ARR	S 355
2106	2105	2106	TABLERO-ARR	S 355
2107	2106	2107	TABLERO-ARR	S 355
2108	2107	2108	TABLERO-ARR	S 355
2109	2108	2109	TABLERO-ARR	S 355

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_v00-ELU FAT.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D_v00-ELU FAT

Member	Node 1	Node 2	Section	Material
2110	2109	2110	TABLERO-ARR	S 355
2111	2110	2111	TABLERO-ARR	S 355
2112	2111	2112	TABLERO-ARR	S 355
2113	2112	2113	TABLERO-ARR	S 355
2114	2113	2114	TABLERO-ARR	S 355
2115	2114	2115	TABLERO-ARR	S 355
2116	2115	2116	TABLERO-01	S 355
2117	2116	2117	TABLERO-01	S 355
2118	2117	2118	TABLERO-01	S 355
2119	2118	2119	TABLERO-01	S 355
2120	2119	2120	TABLERO-01	S 355
2121	2120	2121	TABLERO-01	S 355
2122	2121	2122	TABLERO-01	S 355
2123	2122	2123	TABLERO-01	S 355
2124	2123	2124	TABLERO-01	S 355
2125	2124	2125	TABLERO-01	S 355
2126	2125	2126	TABLERO-01	S 355
2127	2126	2127	TABLERO-01	S 355
2128	2127	2128	TABLERO-01	S 355
2129	2128	2129	TABLERO-01	S 355
2130	2129	2130	TABLERO-01	S 355
2131	2130	2131	TABLERO-01	S 355
2132	2131	2132	TABLERO-01	S 355
2133	2132	2133	TABLERO-01	S 355
2134	2133	2134	TABLERO-01	S 355
2135	2134	2135	TABLERO-01	S 355
2136	2135	2136	TABLERO-01	S 355
2137	2136	2137	TABLERO-01	S 355
2138	2137	2138	TABLERO-01	S 355
2139	2138	2139	TABLERO-01	S 355
2140	2139	2140	TABLERO-01	S 355
2141	2140	2141	TABLERO-01	S 355
2142	2141	2142	TABLERO-01	S 355
2143	2142	2143	TABLERO-01	S 355
2144	2143	2144	TABLERO-01	S 355
2145	2144	2145	TABLERO-01	S 355
2146	2145	2146	TABLERO-01	S 355
2147	2146	2147	TABLERO-01	S 355
2148	2147	2148	TABLERO-01	S 355
2149	2148	2149	TABLERO-01	S 355
2150	2149	2150	TABLERO-01	S 355
2151	2150	2151	TABLERO-01	S 355
2152	2151	2152	TABLERO-01	S 355
2153	2152	2153	TABLERO-01	S 355
2154	2153	2154	TABLERO-01	S 355
2155	2154	2155	TABLERO-01	S 355
2156	2155	2156	TABLERO-01	S 355
2157	2156	2157	TABLERO-01	S 355
2158	2157	2158	TABLERO-ARR	S 355
2159	2158	2159	TABLERO-ARR	S 355
2160	2159	2160	TABLERO-ARR	S 355
2161	2160	2161	TABLERO-ARR	S 355

Member	Node 1	Node 2	Section	Material
2162	2161	2162	TABLERO-ARR	S 355
2163	2162	2163	TABLERO-ARR	S 355
2164	2163	2164	TABLERO-ARR	S 355
2165	2164	2165	TABLERO-ARR	S 355
2166	2165	2166	TABLERO-ARR	S 355
2167	2166	2167	TABLERO-ARR	S 355
2168	2167	2168	TABLERO-ARR	S 355
2169	2168	2169	TABLERO-ARR	S 355
2170	2169	2170	TABLERO-ARR	S 355
2171	2170	2171	TABLERO-ARR	S 355
2172	2171	2172	TABLERO-ARR	S 355
2201	2100	2201	ARCO-01	S 355
2202	2201	2202	ARCO-01	S 355
2203	2202	2203	ARCO-01	S 355
2204	2203	2204	ARCO-01	S 355
2205	2204	2205	ARCO-01	S 355
2206	2205	2206	ARCO-01	S 355
2207	2206	2207	ARCO-01	S 355
2208	2207	2208	ARCO-01	S 355
2209	2208	2209	ARCO-01	S 355
2210	2209	2210	ARCO-01	S 355
2211	2210	2211	ARCO-01	S 355
2212	2211	2212	ARCO-01	S 355
2213	2212	2213	ARCO-01	S 355
2214	2213	2214	ARCO-01	S 355
2215	2214	2215	ARCO-01	S 355
2216	2215	2216	ARCO-02	S 355
2217	2216	2217	ARCO-02	S 355
2218	2217	2218	ARCO-02	S 355
2219	2218	2219	ARCO-02	S 355
2220	2219	2220	ARCO-02	S 355
2221	2220	2221	ARCO-02	S 355
2222	2221	2222	ARCO-02	S 355
2223	2222	2223	ARCO-02	S 355
2224	2223	2224	ARCO-02	S 355
2225	2224	2225	ARCO-02	S 355
2226	2225	2226	ARCO-02	S 355
2227	2226	2227	ARCO-02	S 355
2228	2227	2228	ARCO-02	S 355
2229	2228	2229	ARCO-02	S 355
2230	2229	2230	ARCO-02	S 355
2231	2230	2231	ARCO-02	S 355
2232	2231	2232	ARCO-02	S 355
2233	2232	2233	ARCO-02	S 355
2234	2233	2234	ARCO-02	S 355
2235	2234	2235	ARCO-02	S 355
2236	2235	2236	ARCO-02	S 355
2237	2236	2237	ARCO-02	S 355
2238	2237	2238	ARCO-02	S 355
2239	2238	2239	ARCO-02	S 355
2240	2239	2240	ARCO-02	S 355
2241	2240	2241	ARCO-02	S 355

Member	Node 1	Node 2	Section	Material
2242	2241	2242	ARCO-02	S 355
2243	2242	2243	ARCO-02	S 355
2244	2243	2244	ARCO-02	S 355
2245	2244	2245	ARCO-02	S 355
2246	2245	2246	ARCO-02	S 355
2247	2246	2247	ARCO-02	S 355
2248	2247	2248	ARCO-02	S 355
2249	2248	2249	ARCO-02	S 355
2250	2249	2250	ARCO-02	S 355
2251	2250	2251	ARCO-02	S 355
2252	2251	2252	ARCO-02	S 355
2253	2252	2253	ARCO-02	S 355
2254	2253	2254	ARCO-02	S 355
2255	2254	2255	ARCO-02	S 355
2256	2255	2256	ARCO-02	S 355
2257	2256	2257	ARCO-02	S 355
2258	2257	2258	ARCO-01	S 355
2259	2258	2259	ARCO-01	S 355
2260	2259	2260	ARCO-01	S 355
2261	2260	2261	ARCO-01	S 355
2262	2261	2262	ARCO-01	S 355
2263	2262	2263	ARCO-01	S 355
2264	2263	2264	ARCO-01	S 355
2265	2264	2265	ARCO-01	S 355
2266	2265	2266	ARCO-01	S 355
2267	2266	2267	ARCO-01	S 355
2268	2267	2268	ARCO-01	S 355
2269	2268	2269	ARCO-01	S 355
2270	2269	2270	ARCO-01	S 355
2271	2270	2271	ARCO-01	S 355
2272	2271	2172	ARCO-01	S 355
2290	2100	2212	ARCO-01	S 355
2291	2212	2218	N/A	S 355
2292	2218	2224	ARCO-02	S 355
2293	2224	2230	ARCO-02	S 355
2294	2230	2236	ARCO-02	S 355
2295	2236	2242	ARCO-02	S 355
2296	2242	2248	ARCO-02	S 355
2297	2248	2254	ARCO-02	S 355
2298	2254	2260	N/A	S 355
2299	2172	2260	ARCO-01	S 355
2301	2206	2106	PEND-TRACC	S 355
2302	2212	2112	PEND-TRACC	S 355
2303	2218	2118	PEND-TRACC	S 355
2304	2224	2124	PEND-TRACC	S 355
2305	2230	2130	PEND-TRACC	S 355
2306	2236	2136	PEND-TRACC	S 355
2307	2242	2142	PEND-TRACC	S 355
2308	2248	2148	PEND-TRACC	S 355
2309	2254	2154	PEND-TRACC	S 355
2310	2260	2160	PEND-TRACC	S 355
2311	2266	2166	PEND-TRACC	S 355

Member	Node 1	Node 2	Section	Material
2411	2212	2118	DIAG-TRACC	S 355
2412	2112	2218	DIAG-COMP	S 355
2421	2218	2124	DIAG-TRACC	S 355
2422	2118	2224	DIAG-COMP	S 355
2431	2224	2130	DIAG-TRACC	S 355
2432	2124	2230	DIAG-COMP	S 355
2441	2230	2136	DIAG-TRACC	S 355
2442	2130	2236	DIAG-COMP	S 355
2451	2242	2136	DIAG-TRACC	S 355
2452	2142	2236	DIAG-COMP	S 355
2461	2248	2142	DIAG-TRACC	S 355
2462	2148	2242	DIAG-COMP	S 355
2471	2254	2148	DIAG-TRACC	S 355
2472	2154	2248	DIAG-COMP	S 355
2481	2260	2154	DIAG-TRACC	S 355
2482	2160	2254	DIAG-COMP	S 355
3011	3101	1100	VTRANSV-VOL	S 355
3012	1100	2100	VTRANSV	S 355
3013	2100	3201	VTRANSV-VOL	S 355
3031	3103	1106	VTRANSV-VOL	S 355
3032	1106	2106	VTRANSV	S 355
3033	2106	3203	VTRANSV-VOL	S 355
3051	3105	1112	VTRANSV-VOL	S 355
3052	1112	2112	VTRANSV	S 355
3053	2112	3205	VTRANSV-VOL	S 355
3071	3107	1118	VTRANSV-VOL	S 355
3072	1118	2118	VTRANSV	S 355
3073	2118	3207	VTRANSV-VOL	S 355
3091	3109	1124	VTRANSV-VOL	S 355
3092	1124	2124	VTRANSV	S 355
3093	2124	3209	VTRANSV-VOL	S 355
3111	3111	1130	VTRANSV-VOL	S 355
3112	1130	2130	VTRANSV	S 355
3113	2130	3211	VTRANSV-VOL	S 355
3131	3113	1136	VTRANSV-VOL	S 355
3132	1136	2136	VTRANSV	S 355
3133	2136	3213	VTRANSV-VOL	S 355
3151	3115	1142	VTRANSV-VOL	S 355
3152	1142	2142	VTRANSV	S 355
3153	2142	3215	VTRANSV-VOL	S 355
3171	3117	1148	VTRANSV-VOL	S 355
3172	1148	2148	VTRANSV	S 355
3173	2148	3217	VTRANSV-VOL	S 355
3191	3119	1154	VTRANSV-VOL	S 355
3192	1154	2154	VTRANSV	S 355
3193	2154	3219	VTRANSV-VOL	S 355
3211	3121	1160	VTRANSV-VOL	S 355
3212	1160	2160	VTRANSV	S 355
3213	2160	3221	VTRANSV-VOL	S 355
3231	3123	1166	VTRANSV-VOL	S 355
3232	1166	2166	VTRANSV	S 355
3233	2166	3223	VTRANSV-VOL	S 355

Member	Node 1	Node 2	Section	Material
3251	3125	1172	VTRANSV-VOL	S 355
3252	1172	2172	VTRANSV	S 355
3253	2172	3225	VTRANSV-VOL	S 355
4101	4001	4003	SHS_160.8	S 355
4102	4003	4005	SHS_160.8	S 355
4103	4005	4007	SHS_160.8	S 355
4104	4007	4009	SHS_160.8	S 355
4105	4009	4011	SHS_160.8	S 355
4106	4011	4013	SHS_160.8	S 355
4107	4013	4015	SHS_160.8	S 355
4108	4015	4017	SHS_160.8	S 355
4109	4017	4019	SHS_160.8	S 355
4110	4019	4021	SHS_160.8	S 355
4111	4021	4023	SHS_160.8	S 355
4112	4023	4025	SHS_160.8	S 355
4201	4003	1100	SHS_160.8	S 355
4202	2100	4003	SHS_160.8	S 355
4203	4003	1112	SHS_160.8	S 355
4204	2112	4003	SHS_160.8	S 355
4205	4007	1112	SHS_160.8	S 355
4206	2112	4007	SHS_160.8	S 355
4207	4007	1124	SHS_160.8	S 355
4208	2124	4007	SHS_160.8	S 355
4209	4011	1124	SHS_160.8	S 355
4210	2124	4011	SHS_160.8	S 355
4211	4011	1136	SHS_160.8	S 355
4212	2136	4011	SHS_160.8	S 355
4213	4015	1136	SHS_160.8	S 355
4214	2136	4015	SHS_160.8	S 355
4215	4015	1148	SHS_160.8	S 355
4216	2148	4015	SHS_160.8	S 355
4217	4019	1148	SHS_160.8	S 355
4218	2148	4019	SHS_160.8	S 355
4219	4019	1160	SHS_160.8	S 355
4220	2160	4019	SHS_160.8	S 355
4221	4023	1160	SHS_160.8	S 355
4222	2160	4023	SHS_160.8	S 355
4223	4023	1172	SHS_160.8	S 355
4224	2172	4023	SHS_160.8	S 355
5001	1218	2218	ARCO-ARRIOST	S 275
5002	1230	2230	ARCO-ARRIOST	S 275
5003	1242	2242	ARCO-ARRIOST	S 275
5004	1254	2254	ARCO-ARRIOST	S 275

Member	Length (m)	Gamma (Rad)	Type
1	4.150	0.0	N/A
2	3.570	0.0	N/A
3	3.588	0.0	N/A
4	3.652	0.0	N/A
5	3.651	0.0	N/A
6	3.650	0.0	N/A
7	3.650	0.0	N/A
8	3.650	0.0	N/A

Member	Length (m)	Gamma (Rad)	Type
9	3.650	0.0	Simple bar
10	3.651	0.0	Simple bar
11	3.652	0.0	Simple bar
12	3.588	0.0	Simple bar
13	3.570	0.0	Simple bar
14	4.150	0.0	Simple bar
1101	0.595	0.0	DIM_TABLERO
1102	0.595	0.0	DIM_TABLERO
1103	0.596	0.0	DIM_TABLERO
1104	0.595	0.0	DIM_TABLERO
1105	0.595	0.0	DIM_TABLERO
1106	0.595	0.0	DIM_TABLERO
1107	0.599	0.0	DIM_TABLERO
1108	0.598	0.0	DIM_TABLERO
1109	0.599	0.0	DIM_TABLERO
1110	0.598	0.0	DIM_TABLERO
1111	0.599	0.0	DIM_TABLERO
1112	0.597	0.0	DIM_TABLERO
1113	0.608	0.0	DIM_TABLERO
1114	0.609	0.0	DIM_TABLERO
1115	0.608	0.0	DIM_TABLERO
1116	0.608	0.0	DIM_TABLERO
1117	0.609	0.0	DIM_TABLERO
1118	0.608	0.0	DIM_TABLERO
1119	0.608	0.0	DIM_TABLERO
1120	0.609	0.0	DIM_TABLERO
1121	0.608	0.0	DIM_TABLERO
1122	0.608	0.0	DIM_TABLERO
1123	0.609	0.0	DIM_TABLERO
1124	0.608	0.0	DIM_TABLERO
1125	0.608	0.0	DIM_TABLERO
1126	0.609	0.0	DIM_TABLERO
1127	0.608	0.0	DIM_TABLERO
1128	0.608	0.0	DIM_TABLERO
1129	0.609	0.0	DIM_TABLERO
1130	0.608	0.0	DIM_TABLERO
1131	0.608	0.0	DIM_TABLERO
1132	0.609	0.0	DIM_TABLERO
1133	0.608	0.0	DIM_TABLERO
1134	0.608	0.0	DIM_TABLERO
1135	0.609	0.0	DIM_TABLERO
1136	0.608	0.0	DIM_TABLERO
1137	0.608	0.0	DIM_TABLERO
1138	0.609	0.0	DIM_TABLERO
1139	0.608	0.0	DIM_TABLERO
1140	0.608	0.0	DIM_TABLERO
1141	0.609	0.0	DIM_TABLERO
1142	0.608	0.0	DIM_TABLERO
1143	0.608	0.0	DIM_TABLERO
1144	0.609	0.0	DIM_TABLERO
1145	0.608	0.0	DIM_TABLERO
1146	0.608	0.0	DIM_TABLERO

Member	Length (m)	Gamma (Rad)	Type
1147	0.609	0.0	DIM_TABLERO
1148	0.608	0.0	DIM_TABLERO
1149	0.608	0.0	DIM_TABLERO
1150	0.609	0.0	DIM_TABLERO
1151	0.608	0.0	DIM_TABLERO
1152	0.608	0.0	DIM_TABLERO
1153	0.609	0.0	DIM_TABLERO
1154	0.608	0.0	DIM_TABLERO
1155	0.608	0.0	DIM_TABLERO
1156	0.609	0.0	DIM_TABLERO
1157	0.608	0.0	DIM_TABLERO
1158	0.608	0.0	DIM_TABLERO
1159	0.609	0.0	DIM_TABLERO
1160	0.608	0.0	DIM_TABLERO
1161	0.597	0.0	DIM_TABLERO
1162	0.599	0.0	DIM_TABLERO
1163	0.598	0.0	DIM_TABLERO
1164	0.599	0.0	DIM_TABLERO
1165	0.598	0.0	DIM_TABLERO
1166	0.599	0.0	DIM_TABLERO
1167	0.595	0.0	DIM_TABLERO
1168	0.595	0.0	DIM_TABLERO
1169	0.595	0.0	DIM_TABLERO
1170	0.596	0.0	DIM_TABLERO
1171	0.595	0.0	DIM_TABLERO
1172	0.595	0.0	DIM_TABLERO
1201	0.773	0.0	DIM_ARCO-01
1202	0.759	0.0	DIM_ARCO-01
1203	0.747	0.0	DIM_ARCO-01
1204	0.734	0.0	DIM_ARCO-01
1205	0.722	0.0	DIM_ARCO-01
1206	0.712	0.0	DIM_ARCO-01
1207	0.707	0.0	DIM_ARCO-01
1208	0.697	0.0	DIM_ARCO-01
1209	0.690	0.0	DIM_ARCO-01
1210	0.681	0.0	DIM_ARCO-01
1211	0.674	0.0	DIM_ARCO-01
1212	0.667	0.0	DIM_ARCO-01
1213	0.672	0.0	DIM_ARCO-02
1214	0.667	0.0	DIM_ARCO-02
1215	0.660	0.0	DIM_ARCO-02
1216	0.655	0.0	DIM_ARCO-02
1217	0.651	0.0	DIM_ARCO-02
1218	0.646	0.0	DIM_ARCO-02
1219	0.641	0.0	DIM_ARCO-03
1220	0.638	0.0	DIM_ARCO-03
1221	0.634	0.0	DIM_ARCO-03
1222	0.630	0.0	DIM_ARCO-03
1223	0.628	0.0	DIM_ARCO-03
1224	0.624	0.0	DIM_ARCO-03
1225	0.622	0.0	DIM_ARCO-04
1226	0.621	0.0	DIM_ARCO-04

Member	Length (m)	Gamma (Rad)	Type
1227	0.617	0.0	DIM_ARCO-04
1228	0.615	0.0	DIM_ARCO-04
1229	0.615	0.0	DIM_ARCO-04
1230	0.612	0.0	DIM_ARCO-04
1231	0.611	0.0	DIM_ARCO-05
1232	0.611	0.0	DIM_ARCO-05
1233	0.609	0.0	DIM_ARCO-05
1234	0.609	0.0	DIM_ARCO-05
1235	0.609	0.0	DIM_ARCO-05
1236	0.608	0.0	DIM_ARCO-05
1237	0.608	0.0	DIM_ARCO-05
1238	0.609	0.0	DIM_ARCO-05
1239	0.609	0.0	DIM_ARCO-05
1240	0.609	0.0	DIM_ARCO-05
1241	0.611	0.0	DIM_ARCO-05
1242	0.611	0.0	DIM_ARCO-05
1243	0.612	0.0	DIM_ARCO-04
1244	0.615	0.0	DIM_ARCO-04
1245	0.615	0.0	DIM_ARCO-04
1246	0.617	0.0	DIM_ARCO-04
1247	0.621	0.0	DIM_ARCO-04
1248	0.622	0.0	DIM_ARCO-04
1249	0.624	0.0	DIM_ARCO-03
1250	0.628	0.0	DIM_ARCO-03
1251	0.630	0.0	DIM_ARCO-03
1252	0.634	0.0	DIM_ARCO-03
1253	0.638	0.0	DIM_ARCO-03
1254	0.641	0.0	DIM_ARCO-03
1255	0.646	0.0	DIM_ARCO-02
1256	0.651	0.0	DIM_ARCO-02
1257	0.655	0.0	DIM_ARCO-02
1258	0.660	0.0	DIM_ARCO-02
1259	0.667	0.0	DIM_ARCO-02
1260	0.672	0.0	DIM_ARCO-02
1261	0.667	0.0	DIM_ARCO-01
1262	0.674	0.0	DIM_ARCO-01
1263	0.681	0.0	DIM_ARCO-01
1264	0.690	0.0	DIM_ARCO-01
1265	0.697	0.0	DIM_ARCO-01
1266	0.707	0.0	DIM_ARCO-01
1267	0.712	0.0	DIM_ARCO-01
1268	0.722	0.0	DIM_ARCO-01
1269	0.734	0.0	DIM_ARCO-01
1270	0.747	0.0	DIM_ARCO-01
1271	0.759	0.0	DIM_ARCO-01
1272	0.773	0.0	DIM_ARCO-01
1290	8.564	0.0	DIM_ARCO-01
1291	3.951	0.0	DIM_ARCO-02
1292	3.796	0.0	DIM_ARCO-03
1293	3.702	0.0	DIM_ARCO-04
1294	3.657	0.0	DIM_ARCO-05
1295	3.657	0.0	DIM_ARCO-05

Member	Length (m)	Gamma (Rad)	Type
1296	3.702	0.0	DIM_ARCO-04
1297	3.796	0.0	DIM_ARCO-03
1298	3.951	0.0	DIM_ARCO-02
1299	8.564	0.0	DIM_ARCO-01
1301	2.467	0.0	DIM_PEND
1302	4.329	0.0	DIM_PEND
1303	5.713	0.0	DIM_PEND
1304	6.660	0.0	DIM_PEND
1305	7.214	0.0	DIM_PEND
1306	7.390	0.0	DIM_PEND
1307	7.208	0.0	DIM_PEND
1308	6.660	0.0	DIM_PEND
1309	5.713	0.0	DIM_PEND
1310	4.329	0.0	DIM_PEND
1311	2.467	0.0	DIM_PEND
1411	5.568	0.0	DIM_DIAG-01
1412	6.884	0.0	DIM_DIAG-02
1421	6.705	0.0	DIM_DIAG-03
1422	7.672	0.0	DIM_DIAG-04
1431	7.549	0.0	DIM_DIAG-05
1432	8.131	0.0	DIM_DIAG-06
1441	8.069	0.0	DIM_DIAG-07
1442	8.258	0.0	DIM_DIAG-08
1451	8.069	0.0	DIM_DIAG-07
1452	8.253	0.0	DIM_DIAG-08
1461	7.544	0.0	DIM_DIAG-05
1462	8.131	0.0	DIM_DIAG-06
1471	6.705	0.0	DIM_DIAG-03
1472	7.672	0.0	DIM_DIAG-04
1481	5.568	0.0	DIM_DIAG-01
1482	6.884	0.0	DIM_DIAG-02
2101	0.595	0.0	DIM_TABLERO
2102	0.595	0.0	DIM_TABLERO
2103	0.596	0.0	DIM_TABLERO
2104	0.595	0.0	DIM_TABLERO
2105	0.595	0.0	DIM_TABLERO
2106	0.595	0.0	DIM_TABLERO
2107	0.599	0.0	DIM_TABLERO
2108	0.598	0.0	DIM_TABLERO
2109	0.599	0.0	DIM_TABLERO
2110	0.598	0.0	DIM_TABLERO
2111	0.599	0.0	DIM_TABLERO
2112	0.597	0.0	DIM_TABLERO
2113	0.608	0.0	DIM_TABLERO
2114	0.609	0.0	DIM_TABLERO
2115	0.608	0.0	DIM_TABLERO
2116	0.608	0.0	DIM_TABLERO
2117	0.609	0.0	DIM_TABLERO
2118	0.608	0.0	DIM_TABLERO
2119	0.608	0.0	DIM_TABLERO
2120	0.609	0.0	DIM_TABLERO
2121	0.608	0.0	DIM_TABLERO

Member	Length (m)	Gamma (Rad)	Type
2122	0.608	0.0	DIM_TABLERO
2123	0.609	0.0	DIM_TABLERO
2124	0.608	0.0	DIM_TABLERO
2125	0.608	0.0	DIM_TABLERO
2126	0.609	0.0	DIM_TABLERO
2127	0.608	0.0	DIM_TABLERO
2128	0.608	0.0	DIM_TABLERO
2129	0.609	0.0	DIM_TABLERO
2130	0.608	0.0	DIM_TABLERO
2131	0.608	0.0	DIM_TABLERO
2132	0.609	0.0	DIM_TABLERO
2133	0.608	0.0	DIM_TABLERO
2134	0.608	0.0	DIM_TABLERO
2135	0.609	0.0	DIM_TABLERO
2136	0.608	0.0	DIM_TABLERO
2137	0.608	0.0	DIM_TABLERO
2138	0.609	0.0	DIM_TABLERO
2139	0.608	0.0	DIM_TABLERO
2140	0.608	0.0	DIM_TABLERO
2141	0.609	0.0	DIM_TABLERO
2142	0.608	0.0	DIM_TABLERO
2143	0.608	0.0	DIM_TABLERO
2144	0.609	0.0	DIM_TABLERO
2145	0.608	0.0	DIM_TABLERO
2146	0.608	0.0	DIM_TABLERO
2147	0.609	0.0	DIM_TABLERO
2148	0.608	0.0	DIM_TABLERO
2149	0.608	0.0	DIM_TABLERO
2150	0.609	0.0	DIM_TABLERO
2151	0.608	0.0	DIM_TABLERO
2152	0.608	0.0	DIM_TABLERO
2153	0.609	0.0	DIM_TABLERO
2154	0.608	0.0	DIM_TABLERO
2155	0.608	0.0	DIM_TABLERO
2156	0.609	0.0	DIM_TABLERO
2157	0.608	0.0	DIM_TABLERO
2158	0.608	0.0	DIM_TABLERO
2159	0.609	0.0	DIM_TABLERO
2160	0.608	0.0	DIM_TABLERO
2161	0.597	0.0	DIM_TABLERO
2162	0.599	0.0	DIM_TABLERO
2163	0.598	0.0	DIM_TABLERO
2164	0.599	0.0	DIM_TABLERO
2165	0.598	0.0	DIM_TABLERO
2166	0.599	0.0	DIM_TABLERO
2167	0.595	0.0	DIM_TABLERO
2168	0.595	0.0	DIM_TABLERO
2169	0.595	0.0	DIM_TABLERO
2170	0.596	0.0	DIM_TABLERO
2171	0.595	0.0	DIM_TABLERO
2172	0.595	0.0	DIM_TABLERO
2201	0.773	0.0	DIM_ARCO-01

Member	Length (m)	Gamma (Rad)	Type
2202	0.759	0.0	DIM_ARCO-01
2203	0.747	0.0	DIM_ARCO-01
2204	0.734	0.0	DIM_ARCO-01
2205	0.722	0.0	DIM_ARCO-01
2206	0.712	0.0	DIM_ARCO-01
2207	0.707	0.0	DIM_ARCO-01
2208	0.697	0.0	DIM_ARCO-01
2209	0.690	0.0	DIM_ARCO-01
2210	0.681	0.0	DIM_ARCO-01
2211	0.674	0.0	DIM_ARCO-01
2212	0.667	0.0	DIM_ARCO-01
2213	0.672	0.0	DIM_ARCO-02
2214	0.667	0.0	DIM_ARCO-02
2215	0.660	0.0	DIM_ARCO-02
2216	0.655	0.0	DIM_ARCO-02
2217	0.651	0.0	DIM_ARCO-02
2218	0.646	0.0	DIM_ARCO-02
2219	0.641	0.0	DIM_ARCO-03
2220	0.638	0.0	DIM_ARCO-03
2221	0.634	0.0	DIM_ARCO-03
2222	0.630	0.0	DIM_ARCO-03
2223	0.628	0.0	DIM_ARCO-03
2224	0.624	0.0	DIM_ARCO-03
2225	0.622	0.0	DIM_ARCO-04
2226	0.621	0.0	DIM_ARCO-04
2227	0.617	0.0	DIM_ARCO-04
2228	0.615	0.0	DIM_ARCO-04
2229	0.615	0.0	DIM_ARCO-04
2230	0.612	0.0	DIM_ARCO-04
2231	0.611	0.0	DIM_ARCO-05
2232	0.611	0.0	DIM_ARCO-05
2233	0.609	0.0	DIM_ARCO-05
2234	0.609	0.0	DIM_ARCO-05
2235	0.609	0.0	DIM_ARCO-05
2236	0.608	0.0	DIM_ARCO-05
2237	0.608	0.0	DIM_ARCO-05
2238	0.609	0.0	DIM_ARCO-05
2239	0.609	0.0	DIM_ARCO-05
2240	0.609	0.0	DIM_ARCO-05
2241	0.611	0.0	DIM_ARCO-05
2242	0.611	0.0	DIM_ARCO-05
2243	0.612	0.0	DIM_ARCO-04
2244	0.615	0.0	DIM_ARCO-04
2245	0.615	0.0	DIM_ARCO-04
2246	0.617	0.0	DIM_ARCO-04
2247	0.621	0.0	DIM_ARCO-04
2248	0.622	0.0	DIM_ARCO-04
2249	0.624	0.0	DIM_ARCO-03
2250	0.628	0.0	DIM_ARCO-03
2251	0.630	0.0	DIM_ARCO-03
2252	0.634	0.0	DIM_ARCO-03
2253	0.638	0.0	DIM_ARCO-03

Member	Length (m)	Gamma (Rad)	Type
2254	0.641	0.0	DIM_ARCO-03
2255	0.646	0.0	DIM_ARCO-02
2256	0.651	0.0	DIM_ARCO-02
2257	0.655	0.0	DIM_ARCO-02
2258	0.660	0.0	DIM_ARCO-02
2259	0.667	0.0	DIM_ARCO-02
2260	0.672	0.0	DIM_ARCO-02
2261	0.667	0.0	DIM_ARCO-01
2262	0.674	0.0	DIM_ARCO-01
2263	0.681	0.0	DIM_ARCO-01
2264	0.690	0.0	DIM_ARCO-01
2265	0.697	0.0	DIM_ARCO-01
2266	0.707	0.0	DIM_ARCO-01
2267	0.712	0.0	DIM_ARCO-01
2268	0.722	0.0	DIM_ARCO-01
2269	0.734	0.0	DIM_ARCO-01
2270	0.747	0.0	DIM_ARCO-01
2271	0.759	0.0	DIM_ARCO-01
2272	0.773	0.0	DIM_ARCO-01
2290	8.564	0.0	DIM_ARCO-01
2291	3.951	0.0	DIM_ARCO-02
2292	3.796	0.0	DIM_ARCO-03
2293	3.702	0.0	DIM_ARCO-04
2294	3.657	0.0	DIM_ARCO-05
2295	3.657	0.0	DIM_ARCO-05
2296	3.702	0.0	DIM_ARCO-04
2297	3.796	0.0	DIM_ARCO-03
2298	3.951	0.0	DIM_ARCO-02
2299	8.564	0.0	DIM_ARCO-01
2301	2.467	0.0	DIM_PEND
2302	4.329	0.0	DIM_PEND
2303	5.713	0.0	DIM_PEND
2304	6.660	0.0	DIM_PEND
2305	7.214	0.0	DIM_PEND
2306	7.390	0.0	DIM_PEND
2307	7.208	0.0	DIM_PEND
2308	6.660	0.0	DIM_PEND
2309	5.713	0.0	DIM_PEND
2310	4.329	0.0	DIM_PEND
2311	2.467	0.0	DIM_PEND
2411	5.568	0.0	DIM_DIAG-01
2412	6.884	0.0	DIM_DIAG-02
2421	6.705	0.0	DIM_DIAG-03
2422	7.672	0.0	DIM_DIAG-04
2431	7.549	0.0	DIM_DIAG-05
2432	8.131	0.0	DIM_DIAG-06
2441	8.069	0.0	DIM_DIAG-07
2442	8.258	0.0	DIM_DIAG-08
2451	8.069	0.0	DIM_DIAG-07
2452	8.253	0.0	DIM_DIAG-08
2461	7.544	0.0	DIM_DIAG-05
2462	8.131	0.0	DIM_DIAG-06

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Member	Length (m)	Gamma (Rad)	Type
2471	6.705	0.0	DIM_DIAG-03
2472	7.672	0.0	DIM_DIAG-04
2481	5.568	0.0	DIM_DIAG-01
2482	6.884	0.0	DIM_DIAG-02
3011	3.000	0.0	N/A
3012	9.000	0.0	N/A
3013	3.000	0.0	N/A
3031	3.000	0.0	N/A
3032	9.000	0.0	N/A
3033	3.000	0.0	N/A
3051	3.000	0.0	N/A
3052	9.000	0.0	N/A
3053	3.000	0.0	N/A
3071	3.000	0.0	N/A
3072	9.000	0.0	N/A
3073	3.000	0.0	N/A
3091	3.000	0.0	N/A
3092	9.000	0.0	N/A
3093	3.000	0.0	N/A
3111	3.000	0.0	N/A
3112	9.000	0.0	N/A
3113	3.000	0.0	N/A
3131	3.000	0.0	N/A
3132	9.000	0.0	N/A
3133	3.000	0.0	N/A
3151	3.000	0.0	N/A
3152	9.000	0.0	N/A
3153	3.000	0.0	N/A
3171	3.000	0.0	N/A
3172	9.000	0.0	N/A
3173	3.000	0.0	N/A
3191	3.000	0.0	N/A
3192	9.000	0.0	N/A
3193	3.000	0.0	N/A
3211	3.000	0.0	N/A
3212	9.000	0.0	N/A
3213	3.000	0.0	N/A
3231	3.000	0.0	N/A
3232	9.000	0.0	N/A
3233	3.000	0.0	N/A
3251	3.000	0.0	N/A
3252	9.000	0.0	N/A
3253	3.000	0.0	N/A
4101	3.570	0.0	DIM_TAB-ARRX
4102	3.588	0.0	DIM_TAB-ARRX
4103	3.652	0.0	DIM_TAB-ARRX
4104	3.651	0.0	DIM_TAB-ARRX
4105	3.650	0.0	DIM_TAB-ARRX
4106	3.650	0.0	DIM_TAB-ARRX
4107	3.650	0.0	DIM_TAB-ARRX
4108	3.650	0.0	DIM_TAB-ARRX
4109	3.651	0.0	DIM_TAB-ARRX

Member	Length (m)	Gamma (Rad)	Type
4110	3.652	0.0	DIM_TAB-ARRX
4111	3.588	0.0	DIM_TAB-ARRX
4112	3.570	0.0	DIM_TAB-ARRX
4201	5.744	0.0	DIM_TAB-ARRX
4202	5.744	0.0	DIM_TAB-ARRX
4203	5.756	0.0	DIM_TAB-ARRX
4204	5.756	0.0	DIM_TAB-ARRX
4205	5.796	0.0	DIM_TAB-ARRX
4206	5.796	0.0	DIM_TAB-ARRX
4207	5.795	0.0	DIM_TAB-ARRX
4208	5.795	0.0	DIM_TAB-ARRX
4209	5.794	0.0	DIM_TAB-ARRX
4210	5.794	0.0	DIM_TAB-ARRX
4211	5.794	0.0	DIM_TAB-ARRX
4212	5.794	0.0	DIM_TAB-ARRX
4213	5.794	0.0	DIM_TAB-ARRX
4214	5.794	0.0	DIM_TAB-ARRX
4215	5.794	0.0	DIM_TAB-ARRX
4216	5.794	0.0	DIM_TAB-ARRX
4217	5.795	0.0	DIM_TAB-ARRX
4218	5.795	0.0	DIM_TAB-ARRX
4219	5.796	0.0	DIM_TAB-ARRX
4220	5.796	0.0	DIM_TAB-ARRX
4221	5.756	0.0	DIM_TAB-ARRX
4222	5.756	0.0	DIM_TAB-ARRX
4223	5.744	0.0	DIM_TAB-ARRX
4224	5.744	0.0	DIM_TAB-ARRX
5001	9.000	0.0	DIM_ARCO-ARRIOSTRAM
5002	9.000	0.0	DIM_ARCO-ARRIOSTRAM
5003	9.000	0.0	DIM_ARCO-ARRIOSTRAM
5004	9.000	0.0	DIM_ARCO-ARRIOSTRAM

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Data - Sections

Section name	Member list	AX (cm2)	AY (cm2)
TABLERO-ARR	1101to1115 1158to1172 2101to2115 2158to-2172	355.0	250.0
PEND-TRACC	1301to1311 2301to2311	42.2	22.4
DIAG-TRACC	1411to1481By10 2411to2481By10	48.0	24.0
DIAG-COMP	1412to1482By10 2412to2482By10	63.7	35.0
TABLERO-01	1116to1157 2116to2157	285.2	200.0
ARCO-01	1201to1215 1258to1272 1290 1291 1298 12-99 2201to2215 2258to2272 2290 2291 2298 2299	445.0	250.0
ARCO-02	1216to1257 1291to1298 2216to2257 2291to-2298	358.4	200.0
VTRANSV-VOL	3011to3251By20 3013to3253By20	255.2	200.0
VTRANSV	3012to3252By20	285.2	200.0
LOSA-HUELLA	1to14	5000.0	4166.7
ARCO-ARRIOST	5001to5004	265.5	127.5
SHS_160.8	4101to4112 4201to4224	48.6	25.6

Section name	AZ (cm2)	IX (cm4)	IY (cm4)	IZ (cm4)
TABLERO-ARR	105.0	582.1	371520.8	52103.0
PEND-TRACC	22.4	1840.0	1231.2	1231.2
DIAG-TRACC	28.0	1704.1	1304.0	1016.0
DIAG-COMP	35.0	2590.8	1743.8	1743.8
TABLERO-01	85.2	300.4	302307.8	41676.9
ARCO-01	210.0	332839.7	353552.1	166792.1
ARCO-02	168.0	271672.2	288765.9	135990.7
VTRANSV-VOL	55.2	286.0	125000.3	41673.3
VTRANSV	85.2	300.4	302307.8	41676.9
LOSA-HUELLA	4166.7	959605.4	260416.7	16666666.7
ARCO-ARRIOST	147.0	128568.0	96275.9	77211.8
SHS_160.8	25.6	2809.4	1878.2	1878.2

Data - Materials

	Material	E (MPa)	G (MPa)	NI	LX (1/°C)	RO (kN/m3)	Re (MPa)
1	S 275	210000.00	81000.00	0.30	0.0	77.0	275.00
2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	S 355	210000.00	81000.00	0.30	0.0	77.0	355.00

Data - Supports

Support name	List of nodes	List of edges	List of objects	Support conditions
APO-01	901 902 1100 2100			UX UY UZ
APO-02	1172 2172			UY UZ
Fixed	1 15			UX UY UZ RX RY RZ

Loads - Cases

Case	Label	Case name
901	MOV1	ELU_FAT

Case	Nature	Analysis type
901		Analysis of moving load cases

VIGA TRANSVERSAL DE TABLERO

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Data - Nodes

Node	X (m)	Z (m)	Support code	Support
101	-7.500	0.0		
102	-4.500	0.0	xxf	Pinned
103	0.0	0.0		
104	4.500	0.0	fxf	Roller
105	7.500	0.0		
201	-7.500	-7.500		
202	-4.500	-7.500	xxf	Pinned
203	0.0	-7.500		
204	4.500	-7.500	fxf	Roller
205	7.500	-7.500		
1101	17.500	0.0		
1102	20.500	0.0	xxf	Pinned
1103	25.000	0.0		
1104	29.500	0.0	fxf	Roller
1105	32.500	0.0		
1201	17.500	-7.500		
1202	20.500	-7.500	xxf	Pinned
1203	25.000	-7.500		
1204	29.500	-7.500	fxf	Roller
1205	32.500	-7.500		
2101	42.500	0.0		
2102	45.500	0.0	xxf	Pinned
2103	50.000	0.0		
2104	54.500	0.0	fxf	Roller
2105	57.500	0.0		
2201	42.500	-7.500		
2202	45.500	-7.500	xxf	Pinned
2203	50.000	-7.500		
2204	54.500	-7.500	fxf	Roller
2205	57.500	-7.500		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		
101	-7.500	0.0		

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Data - Members

Member	Node 1	Node 2	Section
101	102	101	VTRANSV-VOL
102	103	102	VTRANSV-VBLE_JUNTA
103	104	103	VTRANSV-VBLE_JUNTA
104	105	104	VTRANSV-VOL
201	202	201	VTRANSV-VOL
202	203	202	VTRANSV-VBLE
203	204	203	VTRANSV-VBLE
204	205	204	VTRANSV-VOL
1101	1102	1101	VTRANSV-VOL
1102	1103	1102	VT-JUNTA_MXToo
1103	1104	1103	VT-JUNTA_MXToo
1104	1105	1104	VTRANSV-VOL
1201	1202	1201	VTRANSV-VOL
1202	1203	1202	VT-TIPO_MXToo
1203	1204	1203	VT-TIPO_MXToo
1204	1205	1204	VTRANSV-VOL
2101	2102	2101	VTRANSV-VOL
2102	2103	2102	VT-JUNTA_MXTo
2103	2104	2103	VT-JUNTA_MXTo
2104	2105	2104	VTRANSV-VOL
2201	2202	2201	VTRANSV-VOL
2202	2203	2202	VT-TIPO_MXTo
2203	2204	2203	VT-TIPO_MXTo
2204	2205	2204	VTRANSV-VOL

Member	Material	Length (m)	Gamma (Rad)	Type
101	S 355	3.000	0.0	DIM_VOL
102	S 355	4.500	0.0	DIM_VTRANSV
103	S 355	4.500	0.0	DIM_VTRANSV
104	S 355	3.000	0.0	DIM_VOL
201	S 355	3.000	0.0	DIM_VOL
202	S 355	4.500	0.0	DIM_VTRANSV
203	S 355	4.500	0.0	DIM_VTRANSV
204	S 355	3.000	0.0	DIM_VOL
1101	S 355	3.000	0.0	Simple bar
1102	S 355	4.500	0.0	Simple bar
1103	S 355	4.500	0.0	Simple bar
1104	S 355	3.000	0.0	Simple bar
1201	S 355	3.000	0.0	Simple bar
1202	S 355	4.500	0.0	Simple bar
1203	S 355	4.500	0.0	Simple bar
1204	S 355	3.000	0.0	Simple bar
2101	S 355	3.000	0.0	Simple bar
2102	S 355	4.500	0.0	Simple bar
2103	S 355	4.500	0.0	Simple bar
2104	S 355	3.000	0.0	Simple bar
2201	S 355	3.000	0.0	Simple bar
2202	S 355	4.500	0.0	Simple bar
2203	S 355	4.500	0.0	Simple bar

Member	Material	Length (m)	Gamma (Rad)	Type
2204	S 355	3.000	0.0	Simple bar

Data - Sections

Section name	Member list	AX (cm2)
VTRANSV-VBLE	202 203	230.6
VTRANSV-VOL	101 104 201 204 1101 1104 1201 1204 2101 2104 2201 2204	169.0
VTRANSV-VBLE_JUNTA	102 103	286.8
VT-JUNTA_MXToo	1102 1103	416.5
VT-JUNTA_MXTo	2102 2103	732.8
VT-TIPO_MXTo	2202 2203	1143.4
VT-TIPO_MXToo	1202 1203	498.1

Section name	AY (cm2)	AZ (cm2)	IX (cm4)
VTRANSV-VBLE	140.0	90.6	223.0
VTRANSV-VOL	100.0	69.0	177.3
VTRANSV-VBLE_JUNTA	175.0	111.8	430.9
VT-JUNTA_MXToo	304.8	111.8	3958.1
VT-JUNTA_MXTo	621.0	111.8	38111.2
VT-TIPO_MXTo	1052.8	90.6	130481.7
VT-TIPO_MXToo	407.5	90.6	12593.8

Section name	IY (cm4)	IZ (cm4)
VTRANSV-VBLE	253302.3	14302.5
VTRANSV-VOL	69800.3	5221.3
VTRANSV-VBLE_JUNTA	311171.6	17885.5
VT-JUNTA_MXToo	617427.7	10083.1
VT-JUNTA_MXTo	827066.8	25685.6
VT-TIPO_MXTo	802996.3	115670.9
VT-TIPO_MXToo	628106.9	11551.2

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Data - Materials

	Material	E (MPa)	G (MPa)	NI	LX (1/°C)	RO (kN/m3)	Re (MPa)
1	N/A	N/A	N/A	N-/A	N/A	N/A	N/A

Data - Supports

Support name	List of nodes	List of edges	List of objects	Support conditions
Pinned	102 202 1102 1202 2102 2202			UX UZ
Roller	104 204 1104 1204 2104 2204			UZ

Loads - Cases

Case	Label	Case name
1000	1000	PP_EM
1001	1001	PPM_losaHA
1002	1002	PP_losa-aceras
2001	2001	CMpavim
2002	2002	CMaceras
2003	2003	CMbarrera
2004	2004	CMbarandilla
3001	3001	Qservicios
4001	4001	SCU-01
4002	4002	SCU-02
4101	4101	SCaceras-01
4102	4102	SCaceras-02
5001	5001	CA-01
5002	5002	CA-02
9001		ELU_CPERM-MIN
9002		ELU_CPERM-MAX
9011		ELS_CPERM-MIN
9012		ELS_CPERM-MAX
9901		SC-FREC-01
9902		SC-FREC-02
10001		10001
10002		10002
10003		10003
10004		10004
10005		10005
10006		10006
10007		10007
10008		10008
10101		10101
10102		10102
10103		10103
10104		10104
10105		10105
10106		10106
10107		10107
10108		10108
10201		10201
10202		10202
10203		10203
10204		10204

Case	Nature	Analysis type
1000	Structural	Static - Linear
1001	Structural	Static - Linear
1002	Structural	Static - Linear
2001	Structural	Static - Linear
2002	Structural	Static - Linear
2003	Structural	Static - Linear
2004	Structural	Static - Linear

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Case	Nature	Analysis type
3001	Structural	Static - Linear
4001	Category F	Static - Linear
4002	Category F	Static - Linear
4101	Category F	Static - Linear
4102	Category F	Static - Linear
5001	Category G	Static - Linear
5002	Category G	Static - Linear
9001	Structural	Linear Combination
9002	Structural	Linear Combination
9011	Structural	Linear Combination
9012	Structural	Linear Combination
9901	Structural	Linear Combination
9902	Structural	Linear Combination
10001	Structural	Linear Combination
10002	Structural	Linear Combination
10003	Structural	Linear Combination
10004	Structural	Linear Combination
10005	Structural	Linear Combination
10006	Structural	Linear Combination
10007	Structural	Linear Combination
10008	Structural	Linear Combination
10101	Structural	Linear Combination
10102	dead	Linear Combination
10103	dead	Linear Combination
10104	dead	Linear Combination
10105	dead	Linear Combination
10106	dead	Linear Combination
10107	dead	Linear Combination
10108	dead	Linear Combination
10201	Structural	Linear Combination
10202	dead	Linear Combination
10203	dead	Linear Combination
10204	dead	Linear Combination

Loads - Values

Case	Load type	List
1000	self-weight	101to104 201to204
1001	trapezoidal load (2p)	102 1102 2102
1001	trapezoidal load (2p)	103 1103 2103
1001	trapezoidal load (2p)	202 1202 2202
1001	trapezoidal load (2p)	203 1203 2203
1002	trapezoidal load (2p)	101 1101 2101
1002	trapezoidal load (2p)	104 1104 2104
1002	trapezoidal load (2p)	201 1201 2201
1002	trapezoidal load (2p)	204 1204 2204
2001	trapezoidal load (2p)	102 1102 2102
2001	trapezoidal load (2p)	103 1103 2103
2001	trapezoidal load (2p)	202 1202 2202
2001	trapezoidal load (2p)	203 1203 2203
2002	trapezoidal load (2p)	101 1101 2101
2002	trapezoidal load (2p)	104 1104 2104
2002	trapezoidal load (2p)	201 1201 2201
2002	trapezoidal load (2p)	204 1204 2204
2003	trapezoidal load (2p)	102 1102 2102
2003	trapezoidal load (2p)	103 1103 2103
2003	trapezoidal load (2p)	202 1202 2202
2003	trapezoidal load (2p)	203 1203 2203
2004	nodal force	101 105 1101 1105 2101 2105
2004	nodal force	201 205 1201 1205 2201 2205
3001	uniform load	101to104 1101to1104 2101to2104
3001	uniform load	201to204 1201to1204 2201to2204
4001	trapezoidal load (2p)	102 2102
4001	trapezoidal load (2p)	102 2102
4001	trapezoidal load (2p)	103 2103
4001	trapezoidal load (2p)	103 2103
4001	trapezoidal load (2p)	202 2202
4001	trapezoidal load (2p)	202 2202
4001	trapezoidal load (2p)	203 2203
4001	trapezoidal load (2p)	203 2203
4002	trapezoidal load (2p)	102 2102
4002	trapezoidal load (2p)	102 2102
4002	trapezoidal load (2p)	103 2103
4002	trapezoidal load (2p)	103 2103
4002	trapezoidal load (2p)	202 2202
4002	trapezoidal load (2p)	202 2202
4002	trapezoidal load (2p)	203 2203
4002	trapezoidal load (2p)	203 2203
4101	trapezoidal load (2p)	101 2101
4101	trapezoidal load (2p)	201 2201
4102	trapezoidal load (2p)	104 2104
4102	trapezoidal load (2p)	204 2204
5001	member force	102 2102
5001	member force	103 2103
5001	member force	103 2103

Case	Load type	List
5001	member force	103 2103
5001	member force	202 2202
5001	member force	203 2203
5001	member force	203 2203
5001	member force	203 2203
5002	member force	102 2102
5002	member force	102 2102
5002	member force	103 2103
5002	member force	103 2103
5002	member force	202 2202
5002	member force	202 2202
5002	member force	203 2203
5002	member force	203 2203

Case	Load values
1000	PZ Negative Factor=1.00
1001	PZ2=-11.4(kN/m) PZ1=-11.4(kN/m) X2=4.250(m) X1=0.0(m) global not project. absolute
1001	PZ2=-11.4(kN/m) PZ1=-11.4(kN/m) X2=4.500(m) X1=0.250(m) global not project. absolute
1001	PZ2=-22.8(kN/m) PZ1=-22.8(kN/m) X2=4.250(m) X1=0.0(m) global not project. absolute
1001	PZ2=-22.8(kN/m) PZ1=-22.8(kN/m) X2=4.500(m) X1=0.250(m) global not project. absolute
1002	PZ2=-6.4(kN/m) PZ1=-6.4(kN/m) X2=3.000(m) X1=0.250(m) global not project. absolute
1002	PZ2=-6.4(kN/m) PZ1=-6.4(kN/m) X2=2.750(m) X1=0.000(m) global not project. absolute
1002	PZ2=-12.8(kN/m) PZ1=-12.8(kN/m) X2=3.000(m) X1=0.250(m) global not project. absolute
1002	PZ2=-12.8(kN/m) PZ1=-12.8(kN/m) X2=2.750(m) X1=0.000(m) global not project. absolute
2001	PZ2=-2.5(kN/m) PZ1=-2.5(kN/m) X2=3.600(m) X1=0.0(m) global not project. absolute
2001	PZ2=-2.5(kN/m) PZ1=-2.5(kN/m) X2=4.500(m) X1=0.900(m) global not project. absolute
2001	PZ2=-5.0(kN/m) PZ1=-5.0(kN/m) X2=3.600(m) X1=0.0(m) global not project. absolute
2001	PZ2=-5.0(kN/m) PZ1=-5.0(kN/m) X2=4.500(m) X1=0.900(m) global not project. absolute
2002	PZ2=-1.8(kN/m) PZ1=-1.8(kN/m) X2=3.000(m) X1=0.250(m) global not project. absolute
2002	PZ2=-1.8(kN/m) PZ1=-1.8(kN/m) X2=2.750(m) X1=0.000(m) global not project. absolute
2002	PZ2=-3.7(kN/m) PZ1=-3.7(kN/m) X2=3.000(m) X1=0.250(m) global not project. absolute
2002	PZ2=-3.7(kN/m) PZ1=-3.7(kN/m) X2=2.750(m) X1=0.000(m) global not project. absolute
2003	PZ2=-14.0(kN/m) PZ1=-14.0(kN/m) X2=4.250(m) X1=3.600(m) global not project. absolute
2003	PZ2=-14.0(kN/m) PZ1=-14.0(kN/m) X2=0.900(m) X1=0.250(m) global not project. absolute
2003	PZ2=-28.0(kN/m) PZ1=-28.0(kN/m) X2=4.250(m) X1=3.600(m) global not project. absolute
2003	PZ2=-28.0(kN/m) PZ1=-28.0(kN/m) X2=0.900(m) X1=0.250(m) global not project. absolute
2004	FZ=-1.9(kN)
2004	FZ=-3.7(kN)
3001	PZ=-4.6(kN/m)
3001	PZ=-9.2(kN/m)
4001	PZ2=-4.6(kN/m) PZ1=-4.6(kN/m) X2=3.600(m) X1=2.400(m) global not project. absolute
4001	PZ2=-4.6(kN/m) PZ1=-4.6(kN/m) X2=2.400(m) X1=0.0(m) global not project. absolute
4001	PZ2=-4.6(kN/m) PZ1=-4.6(kN/m) X2=4.500(m) X1=3.900(m) global not project. absolute
4001	PZ2=-16.4(kN/m) PZ1=-16.4(kN/m) X2=3.900(m) X1=0.900(m) global not project. absolute
4001	PZ2=-9.1(kN/m) PZ1=-9.1(kN/m) X2=3.600(m) X1=2.400(m) global not project. absolute
4001	PZ2=-9.1(kN/m) PZ1=-9.1(kN/m) X2=2.400(m) X1=0.0(m) global not project. absolute
4001	PZ2=-9.1(kN/m) PZ1=-9.1(kN/m) X2=4.500(m) X1=3.900(m) global not project. absolute
4001	PZ2=-32.9(kN/m) PZ1=-32.9(kN/m) X2=3.900(m) X1=0.900(m) global not project. absolute
4002	PZ2=-4.6(kN/m) PZ1=-4.6(kN/m) X2=3.600(m) X1=3.000(m) global not project. absolute
4002	PZ2=-4.6(kN/m) PZ1=-4.6(kN/m) X2=3.000(m) X1=0.0(m) global not project. absolute
4002	PZ2=-16.4(kN/m) PZ1=-16.4(kN/m) X2=4.500(m) X1=1.500(m) global not project. absolute
4002	PZ2=-4.6(kN/m) PZ1=-4.6(kN/m) X2=1.500(m) X1=0.900(m) global not project. absolute
4002	PZ2=-9.1(kN/m) PZ1=-9.1(kN/m) X2=3.600(m) X1=3.000(m) global not project. absolute

Case	Load values
4002	PZ2=-9.1(kN/m) PZ1=-9.1(kN/m) X2=3.000(m) X1=0.0(m) global not project. absolute
4002	PZ2=-32.9(kN/m) PZ1=-32.9(kN/m) X2=4.500(m) X1=1.500(m) global not project. absolute
4002	PZ2=-9.1(kN/m) PZ1=-9.1(kN/m) X2=1.500(m) X1=0.900(m) global not project. absolute
4101	PZ2=-9.1(kN/m) PZ1=-9.1(kN/m) X2=3.000(m) X1=0.250(m) global not project. absolute
4101	PZ2=-18.3(kN/m) PZ1=-18.3(kN/m) X2=3.000(m) X1=0.250(m) global not project. absolute
4102	PZ2=-9.1(kN/m) PZ1=-9.1(kN/m) X2=2.750(m) X1=0.000(m) global not project. absolute
4102	PZ2=-18.3(kN/m) PZ1=-18.3(kN/m) X2=2.750(m) X1=0.000(m) global not project. absolute
5001	FZ=-170.0(kN) X=1.900(m)
5001	FZ=-170.0(kN) X=4.400(m)
5001	FZ=-250.0(kN) X=3.400(m)
5001	FZ=-250.0(kN) X=1.400(m)
5001	FZ=-170.0(kN) X=1.900(m)
5001	FZ=-170.0(kN) X=4.400(m)
5001	FZ=-250.0(kN) X=3.400(m)
5001	FZ=-250.0(kN) X=1.400(m)
5002	FZ=-170.0(kN) X=2.500(m)
5002	FZ=-170.0(kN) X=0.500(m)
5002	FZ=-250.0(kN) X=4.000(m)
5002	FZ=-250.0(kN) X=2.000(m)
5002	FZ=-170.0(kN) X=2.500(m)
5002	FZ=-170.0(kN) X=0.500(m)
5002	FZ=-250.0(kN) X=4.000(m)
5002	FZ=-250.0(kN) X=2.000(m)

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Author:
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Project: MEF_Arco Río Cabe-Monforte_2D-VTRANSV_v00

Combinations

Combinations	Name	Analysis type	Combination type
9001 (C)	ELU_CPERM-MIN	Linear Combination	ULS
9002 (C)	ELU_CPERM-MAX	Linear Combination	ULS
9011 (C)	ELS_CPERM-MIN	Linear Combination	SLS
9012 (C)	ELS_CPERM-MAX	Linear Combination	SLS
9901 (C)	SC-FREC-01	Linear Combination	SLS:FRE
9902 (C)	SC-FREC-02	Linear Combination	SLS:FRE
10001 (C)	10001	Linear Combination	ULS
10002 (C)	10002	Linear Combination	ULS
10003 (C)	10003	Linear Combination	ULS
10004 (C)	10004	Linear Combination	ULS
10005 (C)	10005	Linear Combination	ULS
10006 (C)	10006	Linear Combination	ULS
10007 (C)	10007	Linear Combination	ULS
10008 (C)	10008	Linear Combination	ULS
10101 (C)	10101	Linear Combination	SLS:CHR
10102 (C)	10102	Linear Combination	SLS:CHR
10103 (C)	10103	Linear Combination	SLS:CHR
10104 (C)	10104	Linear Combination	SLS:CHR
10105 (C)	10105	Linear Combination	SLS:CHR
10106 (C)	10106	Linear Combination	SLS:CHR
10107 (C)	10107	Linear Combination	SLS:CHR
10108 (C)	10108	Linear Combination	SLS:CHR
10201 (C)	10201	Linear Combination	SLS:QPR
10202 (C)	10202	Linear Combination	SLS:QPR
10203 (C)	10203	Linear Combination	SLS:QPR
10204 (C)	10204	Linear Combination	SLS:QPR

Combinations	Case nature	Definition
9001 (C)	Structural	(1000+1001+1002+2001+2002+2003+2004)*1.00
9002 (C)	Structural	(1000+1001+1002+2002+2003+2004+3001)*1.35+2001*2.03
9011 (C)	Structural	(1000+1001+1002+2001+2002+2003+2004)*1.00
9012 (C)	Structural	(1000+1001+1002+2002+2003+2004+3001)*1.00+2001*1.50
9901 (C)	Structural	4001*0.40+5001*0.75
9902 (C)	Structural	4002*0.40+5002*0.75
10001 (C)	Structural	9001*1.00+(4001+5001)*1.35+4102*0.68
10002 (C)	Structural	9001*1.00+(4001+5001)*1.35+(4101+4102)*0.68
10003 (C)	Structural	9001*1.00+(4002+5002)*1.35+4102*0.68
10004 (C)	Structural	9001*1.00+(4002+5002)*1.35+(4101+4102)*0.68
10005 (C)	Structural	(9002+4001+5001)*1.35+4102*0.68
10006 (C)	Structural	(9002+4001+5001)*1.35+(4101+4102)*0.68
10007 (C)	Structural	(9002+4002+5002)*1.35+4102*0.68
10008 (C)	Structural	(9002+4002+5002)*1.35+(4101+4102)*0.68
10101 (C)	Structural	(9011+4001+5001)*1.00+4102*0.50
10102 (C)	dead	(9011+4001+5001)*1.00+(4101+4102)*0.50
10103 (C)	dead	(9011+4002+5002)*1.00+4102*0.50
10104 (C)	dead	(9011+4002+5002)*1.00+(4101+4102)*0.50
10105 (C)	dead	(9012+4001+5001)*1.00+4102*0.50
10106 (C)	dead	(9012+4001+5001)*1.00+(4101+4102)*0.50

Combinations	Case nature	Definition
10107 (C)	dead	(9012+4002+5002)*1.00+4102*0.50
10108 (C)	dead	(9012+4002+5002)*1.00+(4101+4102)*0.50
10201 (C)	Structural	9011*1.00+4001*0.40+5001*0.75
10202 (C)	dead	9011*1.00+4002*0.40+5002*0.75
10203 (C)	dead	9012*1.00+4001*0.40+5001*0.75
10204 (C)	dead	9012*1.00+4002*0.40+5002*0.75

LOSA HA DEL TABLERO

Project: MEF_Arco Río Cabe-Monforte_3D-LOSA TABLERO_v00

Data - Nodes

Node	X (m)	Y (m)	Z (m)	Support code	Support
1	-0.400	-4.250	0.0		
2	18.100	-4.250	0.0		
3	18.100	4.250	0.0		
4	-0.400	4.250	0.0		
11	10.800	4.250	0.0		
12	3.565	-4.250	0.0		
13	10.800	-4.250	0.0		
14	-0.000	-4.250	0.0		
15	7.150	4.250	0.0		
16	7.150	-4.250	0.0		
17	0.000	4.250	0.0		
18	3.565	4.250	0.0		
19	14.450	-4.250	0.0		
20	14.450	4.250	0.0		
21	10.800	0.250	0.0		
22	10.800	0.500	0.0		
23	10.800	0.750	0.0		
24	10.800	1.000	0.0		
25	10.800	1.250	0.0		
26	10.800	1.500	0.0		
27	10.800	1.750	0.0		
28	10.800	2.000	0.0		
29	10.800	2.250	0.0		
30	10.800	2.500	0.0		
31	10.800	2.750	0.0		
32	10.800	3.000	0.0		
33	10.800	3.250	0.0		
34	10.800	3.500	0.0		
35	10.800	3.750	0.0		
36	10.800	4.000	0.0		
37	3.565	-4.000	0.0		
38	3.565	-3.750	0.0		
39	3.565	-3.500	0.0		
40	3.565	-3.250	0.0		
41	3.565	-3.000	0.0		
42	3.565	-2.750	0.0		
43	3.565	-2.500	0.0		
44	3.565	-2.250	0.0		
45	3.565	-2.000	0.0		
46	3.565	-1.750	0.0		
47	3.565	-1.500	0.0		
48	3.565	-1.250	0.0		
49	3.565	-1.000	0.0		
50	3.565	-0.750	0.0		
51	3.565	-0.500	0.0		
52	3.565	-0.250	0.0		
53	10.800	-4.000	0.0		
54	10.800	-3.750	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
55	10.800	-3.500	0.0		
56	10.800	-3.250	0.0		
57	10.800	-3.000	0.0		
58	10.800	-2.750	0.0		
59	10.800	-2.500	0.0		
60	10.800	-2.250	0.0		
61	10.800	-2.000	0.0		
62	10.800	-1.750	0.0		
63	10.800	-1.500	0.0		
64	10.800	-1.250	0.0		
65	10.800	-1.000	0.0		
66	10.800	-0.750	0.0		
67	10.800	-0.500	0.0		
68	10.800	-0.250	0.0		
69	-0.000	-4.000	0.0		
70	-0.000	-3.750	0.0		
71	-0.000	-3.500	0.0		
72	-0.000	-3.250	0.0		
73	-0.000	-3.000	0.0		
74	-0.000	-2.750	0.0		
75	-0.000	-2.500	0.0		
76	-0.000	-2.250	0.0		
77	-0.000	-2.000	0.0		
78	-0.000	-1.750	0.0		
79	-0.000	-1.500	0.0		
80	-0.000	-1.250	0.0		
81	-0.000	-1.000	0.0		
82	-0.000	-0.750	0.0		
83	-0.000	-0.500	0.0		
84	-0.000	-0.250	0.0		
85	7.150	0.250	0.0		
86	7.150	0.500	0.0		
87	7.150	0.750	0.0		
88	7.150	1.000	0.0		
89	7.150	1.250	0.0		
90	7.150	1.500	0.0		
91	7.150	1.750	0.0		
92	7.150	2.000	0.0		
93	7.150	2.250	0.0		
94	7.150	2.500	0.0		
95	7.150	2.750	0.0		
96	7.150	3.000	0.0		
97	7.150	3.250	0.0		
98	7.150	3.500	0.0		
99	7.150	3.750	0.0		
100	-0.000	-4.500	0.0	xxxfxx	Apoyos
101	0.0	0.0	0.0		
102	0.000	4.500	0.0	xxxfxx	Apoyos
103	7.150	4.000	0.0		
104	7.150	-4.000	0.0		
105	7.150	-3.750	0.0		
106	7.150	-3.500	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
107	7.150	-3.250	0.0		
108	7.150	-3.000	0.0		
109	7.150	-2.750	0.0		
110	7.150	-2.500	0.0		
111	7.150	-2.250	0.0		
112	7.150	-2.000	0.0		
113	7.150	-1.750	0.0		
114	7.150	-1.500	0.0		
115	7.150	-1.250	0.0		
116	7.150	-1.000	0.0		
117	7.150	-0.750	0.0		
118	7.150	-0.500	0.0		
119	7.150	-0.250	0.0		
120	0.000	0.250	0.0		
121	0.000	0.500	0.0		
122	0.000	0.750	0.0		
123	0.000	1.000	0.0		
124	0.000	1.250	0.0		
125	0.000	1.500	0.0		
126	0.000	1.750	0.0		
127	0.000	2.000	0.0		
128	0.000	2.250	0.0		
129	0.000	2.500	0.0		
130	0.000	2.750	0.0		
131	0.000	3.000	0.0		
132	0.000	3.250	0.0		
133	0.000	3.500	0.0		
134	0.000	3.750	0.0		
135	0.000	4.000	0.0		
136	3.565	0.250	0.0		
137	3.565	0.500	0.0		
138	3.565	0.750	0.0		
139	3.565	1.000	0.0		
140	3.565	1.250	0.0		
141	3.565	1.500	0.0		
142	3.565	1.750	0.0		
143	3.565	2.000	0.0		
144	3.565	2.250	0.0		
145	3.565	2.500	0.0		
146	3.565	2.750	0.0		
147	3.565	3.000	0.0		
148	3.565	3.250	0.0		
149	3.565	3.500	0.0		
150	3.565	3.750	0.0		
151	3.565	4.000	0.0		
152	14.450	-4.000	0.0		
153	14.450	-3.750	0.0		
154	14.450	-3.500	0.0		
155	14.450	-3.250	0.0		
156	14.450	-3.000	0.0		
157	14.450	-2.750	0.0		
158	14.450	-2.500	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
159	14.450	-2.250	0.0		
160	14.450	-2.000	0.0		
161	14.450	-1.750	0.0		
162	14.450	-1.500	0.0		
163	14.450	-1.250	0.0		
164	14.450	-1.000	0.0		
165	14.450	-0.750	0.0		
166	14.450	-0.500	0.0		
167	14.450	-0.250	0.0		
168	14.450	0.250	0.0		
169	14.450	0.500	0.0		
170	14.450	0.750	0.0		
171	14.450	1.000	0.0		
172	14.450	1.250	0.0		
173	14.450	1.500	0.0		
174	14.450	1.750	0.0		
175	14.450	2.000	0.0		
176	14.450	2.250	0.0		
177	14.450	2.500	0.0		
178	14.450	2.750	0.0		
179	14.450	3.000	0.0		
180	14.450	3.250	0.0		
181	14.450	3.500	0.0		
182	14.450	3.750	0.0		
183	14.450	4.000	0.0		
184	-0.200	-4.250	0.0		
185	0.255	-4.250	0.0		
186	0.509	-4.250	0.0		
187	0.764	-4.250	0.0		
188	1.019	-4.250	0.0		
189	1.273	-4.250	0.0		
190	1.528	-4.250	0.0		
191	1.782	-4.250	0.0		
192	2.037	-4.250	0.0		
193	2.292	-4.250	0.0		
194	2.546	-4.250	0.0		
195	2.801	-4.250	0.0		
196	3.056	-4.250	0.0		
197	3.310	-4.250	0.0		
198	3.821	-4.250	0.0		
199	4.077	-4.250	0.0		
200	3.565	-4.500	0.0	xxxfxx	Apoyos
201	3.565	0.0	0.0		
202	3.565	4.500	0.0	xxxfxx	Apoyos
203	4.333	-4.250	0.0		
204	4.589	-4.250	0.0		
205	4.845	-4.250	0.0		
206	5.101	-4.250	0.0		
207	5.357	-4.250	0.0		
208	5.614	-4.250	0.0		
209	5.870	-4.250	0.0		
210	6.126	-4.250	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
211	6.382	-4.250	0.0		
212	6.638	-4.250	0.0		
213	6.894	-4.250	0.0		
214	7.393	-4.250	0.0		
215	7.637	-4.250	0.0		
216	7.880	-4.250	0.0		
217	8.123	-4.250	0.0		
218	8.367	-4.250	0.0		
219	8.610	-4.250	0.0		
220	8.853	-4.250	0.0		
221	9.097	-4.250	0.0		
222	9.340	-4.250	0.0		
223	9.583	-4.250	0.0		
224	9.827	-4.250	0.0		
225	10.070	-4.250	0.0		
226	10.313	-4.250	0.0		
227	10.557	-4.250	0.0		
228	11.061	-4.250	0.0		
229	11.321	-4.250	0.0		
230	11.582	-4.250	0.0		
231	11.843	-4.250	0.0		
232	12.104	-4.250	0.0		
233	12.364	-4.250	0.0		
234	12.625	-4.250	0.0		
235	12.886	-4.250	0.0		
236	13.146	-4.250	0.0		
237	13.407	-4.250	0.0		
238	13.668	-4.250	0.0		
239	13.929	-4.250	0.0		
240	14.189	-4.250	0.0		
241	14.693	-4.250	0.0		
242	14.937	-4.250	0.0		
243	15.180	-4.250	0.0		
244	15.423	-4.250	0.0		
245	15.667	-4.250	0.0		
246	15.910	-4.250	0.0		
247	16.153	-4.250	0.0		
248	16.397	-4.250	0.0		
249	16.640	-4.250	0.0		
250	16.883	-4.250	0.0		
251	17.127	-4.250	0.0		
252	17.370	-4.250	0.0		
253	17.613	-4.250	0.0		
254	17.857	-4.250	0.0		
255	18.100	-4.000	0.0		
256	18.100	-3.750	0.0		
257	18.100	-3.500	0.0		
258	18.100	-3.250	0.0		
259	18.100	-3.000	0.0		
260	18.100	-2.750	0.0		
261	18.100	-2.500	0.0		
262	18.100	-2.250	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
263	18.100	-2.000	0.0		
264	18.100	-1.750	0.0		
265	18.100	-1.500	0.0		
266	18.100	-1.250	0.0		
267	18.100	-1.000	0.0		
268	18.100	-0.750	0.0		
269	18.100	-0.500	0.0		
270	18.100	-0.250	0.0		
271	18.100	0.250	0.0		
272	18.100	0.500	0.0		
273	18.100	0.750	0.0		
274	18.100	1.000	0.0		
275	18.100	1.250	0.0		
276	18.100	1.500	0.0		
277	18.100	1.750	0.0		
278	18.100	2.000	0.0		
279	18.100	2.250	0.0		
280	18.100	2.500	0.0		
281	18.100	2.750	0.0		
282	18.100	3.000	0.0		
283	18.100	3.250	0.0		
284	18.100	3.500	0.0		
285	18.100	3.750	0.0		
286	18.100	4.000	0.0		
287	17.839	4.250	0.0		
288	17.579	4.250	0.0		
289	17.318	4.250	0.0		
290	17.057	4.250	0.0		
291	16.796	4.250	0.0		
292	16.536	4.250	0.0		
293	16.275	4.250	0.0		
294	16.014	4.250	0.0		
295	15.754	4.250	0.0		
296	15.493	4.250	0.0		
297	15.232	4.250	0.0		
298	14.971	4.250	0.0		
299	14.711	4.250	0.0		
300	7.150	-4.500	0.0	xxxfxx	Apoyos
301	7.150	0.0	0.0		
302	7.150	4.500	0.0	xxxfxx	Apoyos
303	14.207	4.250	0.0		
304	13.963	4.250	0.0		
305	13.720	4.250	0.0		
306	13.477	4.250	0.0		
307	13.233	4.250	0.0		
308	12.990	4.250	0.0		
309	12.747	4.250	0.0		
310	12.503	4.250	0.0		
311	12.260	4.250	0.0		
312	12.017	4.250	0.0		
313	11.773	4.250	0.0		
314	11.530	4.250	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
315	11.287	4.250	0.0		
316	11.043	4.250	0.0		
317	10.557	4.250	0.0		
318	10.313	4.250	0.0		
319	10.070	4.250	0.0		
320	9.827	4.250	0.0		
321	9.583	4.250	0.0		
322	9.340	4.250	0.0		
323	9.097	4.250	0.0		
324	8.853	4.250	0.0		
325	8.610	4.250	0.0		
326	8.367	4.250	0.0		
327	8.123	4.250	0.0		
328	7.880	4.250	0.0		
329	7.637	4.250	0.0		
330	7.393	4.250	0.0		
331	6.894	4.250	0.0		
332	6.638	4.250	0.0		
333	6.382	4.250	0.0		
334	6.126	4.250	0.0		
335	5.870	4.250	0.0		
336	5.614	4.250	0.0		
337	5.358	4.250	0.0		
338	5.101	4.250	0.0		
339	4.845	4.250	0.0		
340	4.589	4.250	0.0		
341	4.333	4.250	0.0		
342	4.077	4.250	0.0		
343	3.821	4.250	0.0		
344	3.310	4.250	0.0		
345	3.056	4.250	0.0		
346	2.801	4.250	0.0		
347	2.546	4.250	0.0		
348	2.292	4.250	0.0		
349	2.037	4.250	0.0		
350	1.783	4.250	0.0		
351	1.528	4.250	0.0		
352	1.273	4.250	0.0		
353	1.019	4.250	0.0		
354	0.764	4.250	0.0		
355	0.509	4.250	0.0		
356	0.255	4.250	0.0		
357	-0.200	4.250	0.0		
358	-0.400	4.000	0.0		
359	-0.400	3.750	0.0		
360	-0.400	3.500	0.0		
361	-0.400	3.250	0.0		
362	-0.400	3.000	0.0		
363	-0.400	2.750	0.0		
364	-0.400	2.500	0.0		
365	-0.400	2.250	0.0		
366	-0.400	2.000	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
367	-0.400	1.750	0.0		
368	-0.400	1.500	0.0		
369	-0.400	1.250	0.0		
370	-0.400	1.000	0.0		
371	-0.400	0.750	0.0		
372	-0.400	0.500	0.0		
373	-0.400	0.250	0.0		
374	-0.400	0.0	0.0		
375	-0.400	-0.250	0.0		
376	-0.400	-0.500	0.0		
377	-0.400	-0.750	0.0		
378	-0.400	-1.000	0.0		
379	-0.400	-1.250	0.0		
380	-0.400	-1.500	0.0		
381	-0.400	-1.750	0.0		
382	-0.400	-2.000	0.0		
383	-0.400	-2.250	0.0		
384	-0.400	-2.500	0.0		
385	-0.400	-2.750	0.0		
386	-0.400	-3.000	0.0		
387	-0.400	-3.250	0.0		
388	-0.400	-3.500	0.0		
389	-0.400	-3.750	0.0		
390	-0.400	-4.000	0.0		
391	0.350	-4.020	0.0		
392	0.600	-4.020	0.0		
393	0.850	-4.020	0.0		
394	1.100	-4.020	0.0		
395	1.350	-4.020	0.0		
396	1.600	-4.020	0.0		
397	1.850	-4.020	0.0		
398	2.100	-4.020	0.0		
399	2.350	-4.020	0.0		
400	10.800	-4.500	0.0	xxxfxx	Apoyos
401	10.800	0.0	0.0		
402	10.800	4.500	0.0	xxxfxx	Apoyos
403	2.600	-4.020	0.0		
404	2.850	-4.020	0.0		
405	3.100	-4.020	0.0		
406	3.350	-4.020	0.0		
407	3.850	-4.020	0.0		
408	4.100	-4.020	0.0		
409	4.350	-4.020	0.0		
410	4.600	-4.020	0.0		
411	4.850	-4.020	0.0		
412	5.100	-4.020	0.0		
413	5.350	-4.020	0.0		
414	5.600	-4.020	0.0		
415	5.850	-4.020	0.0		
416	6.100	-4.020	0.0		
417	6.350	-4.020	0.0		
418	6.600	-4.020	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
419	6.850	-4.020	0.0		
420	7.350	-4.020	0.0		
421	7.600	-4.020	0.0		
422	7.850	-4.020	0.0		
423	8.100	-4.020	0.0		
424	8.350	-4.020	0.0		
425	8.600	-4.020	0.0		
426	8.850	-4.020	0.0		
427	9.100	-4.020	0.0		
428	9.350	-4.020	0.0		
429	9.600	-4.020	0.0		
430	9.850	-4.020	0.0		
431	10.100	-4.020	0.0		
432	10.350	-4.020	0.0		
433	10.600	-4.020	0.0		
434	11.100	-4.020	0.0		
435	11.350	-4.020	0.0		
436	11.600	-4.020	0.0		
437	11.850	-4.020	0.0		
438	12.100	-4.020	0.0		
439	12.350	-4.020	0.0		
440	12.600	-4.020	0.0		
441	12.850	-4.020	0.0		
442	13.100	-4.020	0.0		
443	13.350	-4.020	0.0		
444	13.600	-4.020	0.0		
445	13.850	-4.020	0.0		
446	14.100	-4.020	0.0		
447	14.850	-4.020	0.0		
448	15.100	-4.020	0.0		
449	15.350	-4.020	0.0		
450	15.600	-4.020	0.0		
451	15.850	-4.020	0.0		
452	16.100	-4.020	0.0		
453	16.350	-4.020	0.0		
454	16.600	-4.020	0.0		
455	16.850	-4.020	0.0		
456	17.100	-4.020	0.0		
457	17.350	-4.020	0.0		
458	17.600	-4.020	0.0		
459	17.850	-4.020	0.0		
460	0.350	-3.790	0.0		
461	0.600	-3.790	0.0		
462	0.850	-3.790	0.0		
463	1.100	-3.790	0.0		
464	1.350	-3.790	0.0		
465	1.600	-3.790	0.0		
466	1.850	-3.790	0.0		
467	2.100	-3.790	0.0		
468	2.350	-3.790	0.0		
469	2.600	-3.790	0.0		
470	2.850	-3.790	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
471	3.100	-3.790	0.0		
472	3.350	-3.790	0.0		
473	3.850	-3.790	0.0		
474	4.100	-3.790	0.0		
475	4.350	-3.790	0.0		
476	4.600	-3.790	0.0		
477	4.850	-3.790	0.0		
478	5.100	-3.790	0.0		
479	5.350	-3.790	0.0		
480	5.600	-3.790	0.0		
481	5.850	-3.790	0.0		
482	6.100	-3.790	0.0		
483	6.350	-3.790	0.0		
484	6.600	-3.790	0.0		
485	6.850	-3.790	0.0		
486	7.350	-3.790	0.0		
487	7.600	-3.790	0.0		
488	7.850	-3.790	0.0		
489	8.100	-3.790	0.0		
490	8.350	-3.790	0.0		
491	8.600	-3.790	0.0		
492	8.850	-3.790	0.0		
493	9.100	-3.790	0.0		
494	9.350	-3.790	0.0		
495	9.600	-3.790	0.0		
496	9.850	-3.790	0.0		
497	10.100	-3.790	0.0		
498	10.350	-3.790	0.0		
499	10.600	-3.790	0.0		
500	14.450	-4.500	0.0	xxxfxx	Apoyos
501	14.450	0.0	0.0		
502	14.450	4.500	0.0	xxxfxx	Apoyos
503	11.100	-3.790	0.0		
504	11.350	-3.790	0.0		
505	11.600	-3.790	0.0		
506	11.850	-3.790	0.0		
507	12.100	-3.790	0.0		
508	12.350	-3.790	0.0		
509	12.600	-3.790	0.0		
510	12.850	-3.790	0.0		
511	13.100	-3.790	0.0		
512	13.350	-3.790	0.0		
513	13.600	-3.790	0.0		
514	13.850	-3.790	0.0		
515	14.100	-3.790	0.0		
516	14.850	-3.790	0.0		
517	15.100	-3.790	0.0		
518	15.350	-3.790	0.0		
519	15.600	-3.790	0.0		
520	15.850	-3.790	0.0		
521	16.100	-3.790	0.0		
522	16.350	-3.790	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
523	16.600	-3.790	0.0		
524	16.850	-3.790	0.0		
525	17.100	-3.790	0.0		
526	17.350	-3.790	0.0		
527	17.600	-3.790	0.0		
528	17.850	-3.790	0.0		
529	0.350	-3.561	0.0		
530	0.600	-3.561	0.0		
531	0.850	-3.561	0.0		
532	1.100	-3.561	0.0		
533	1.350	-3.561	0.0		
534	1.600	-3.561	0.0		
535	1.850	-3.561	0.0		
536	2.100	-3.561	0.0		
537	2.350	-3.561	0.0		
538	2.600	-3.561	0.0		
539	2.850	-3.561	0.0		
540	3.100	-3.561	0.0		
541	3.350	-3.561	0.0		
542	3.850	-3.561	0.0		
543	4.100	-3.561	0.0		
544	4.350	-3.561	0.0		
545	4.600	-3.561	0.0		
546	4.850	-3.561	0.0		
547	5.100	-3.561	0.0		
548	5.350	-3.561	0.0		
549	5.600	-3.561	0.0		
550	5.850	-3.561	0.0		
551	6.100	-3.561	0.0		
552	6.350	-3.561	0.0		
553	6.600	-3.561	0.0		
554	6.850	-3.561	0.0		
555	7.350	-3.561	0.0		
556	7.600	-3.561	0.0		
557	7.850	-3.561	0.0		
558	8.100	-3.561	0.0		
559	8.350	-3.561	0.0		
560	8.600	-3.561	0.0		
561	8.850	-3.561	0.0		
562	9.100	-3.561	0.0		
563	9.350	-3.561	0.0		
564	9.600	-3.561	0.0		
565	9.850	-3.561	0.0		
566	10.100	-3.561	0.0		
567	10.350	-3.561	0.0		
568	10.600	-3.561	0.0		
569	11.100	-3.561	0.0		
570	11.350	-3.561	0.0		
571	11.600	-3.561	0.0		
572	11.850	-3.561	0.0		
573	12.100	-3.561	0.0		
574	12.350	-3.561	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
575	12.600	-3.561	0.0		
576	12.850	-3.561	0.0		
577	13.100	-3.561	0.0		
578	13.350	-3.561	0.0		
579	13.600	-3.561	0.0		
580	13.850	-3.561	0.0		
581	14.100	-3.561	0.0		
582	14.850	-3.561	0.0		
583	15.100	-3.561	0.0		
584	15.350	-3.561	0.0		
585	15.600	-3.561	0.0		
586	15.850	-3.561	0.0		
587	16.100	-3.561	0.0		
588	16.350	-3.561	0.0		
589	16.600	-3.561	0.0		
590	16.850	-3.561	0.0		
591	17.100	-3.561	0.0		
592	17.350	-3.561	0.0		
593	17.600	-3.561	0.0		
594	17.850	-3.561	0.0		
595	0.350	-3.331	0.0		
596	0.600	-3.331	0.0		
597	0.850	-3.331	0.0		
598	1.100	-3.331	0.0		
599	1.350	-3.331	0.0		
600	18.100	-4.500	0.0	xxxfxx	Apoyos
601	18.100	0.0	0.0		
602	18.100	4.500	0.0	xxxfxx	Apoyos
603	1.600	-3.331	0.0		
604	1.850	-3.331	0.0		
605	2.100	-3.331	0.0		
606	2.350	-3.331	0.0		
607	2.600	-3.331	0.0		
608	2.850	-3.331	0.0		
609	3.100	-3.331	0.0		
610	3.350	-3.331	0.0		
611	3.850	-3.331	0.0		
612	4.100	-3.331	0.0		
613	4.350	-3.331	0.0		
614	4.600	-3.331	0.0		
615	4.850	-3.331	0.0		
616	5.100	-3.331	0.0		
617	5.350	-3.331	0.0		
618	5.600	-3.331	0.0		
619	5.850	-3.331	0.0		
620	6.100	-3.331	0.0		
621	6.350	-3.331	0.0		
622	6.600	-3.331	0.0		
623	6.850	-3.331	0.0		
624	7.350	-3.331	0.0		
625	7.600	-3.331	0.0		
626	7.850	-3.331	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
627	8.100	-3.331	0.0		
628	8.350	-3.331	0.0		
629	8.600	-3.331	0.0		
630	8.850	-3.331	0.0		
631	9.100	-3.331	0.0		
632	9.350	-3.331	0.0		
633	9.600	-3.331	0.0		
634	9.850	-3.331	0.0		
635	10.100	-3.331	0.0		
636	10.350	-3.331	0.0		
637	10.600	-3.331	0.0		
638	11.100	-3.331	0.0		
639	11.350	-3.331	0.0		
640	11.600	-3.331	0.0		
641	11.850	-3.331	0.0		
642	12.100	-3.331	0.0		
643	12.350	-3.331	0.0		
644	12.600	-3.331	0.0		
645	12.850	-3.331	0.0		
646	13.100	-3.331	0.0		
647	13.350	-3.331	0.0		
648	13.600	-3.331	0.0		
649	13.850	-3.331	0.0		
650	14.100	-3.331	0.0		
651	14.850	-3.331	0.0		
652	15.100	-3.331	0.0		
653	15.350	-3.331	0.0		
654	15.600	-3.331	0.0		
655	15.850	-3.331	0.0		
656	16.100	-3.331	0.0		
657	16.350	-3.331	0.0		
658	16.600	-3.331	0.0		
659	16.850	-3.331	0.0		
660	17.100	-3.331	0.0		
661	17.350	-3.331	0.0		
662	17.600	-3.331	0.0		
663	17.850	-3.331	0.0		
664	0.350	-3.101	0.0		
665	0.600	-3.101	0.0		
666	0.850	-3.101	0.0		
667	1.100	-3.101	0.0		
668	1.350	-3.101	0.0		
669	1.600	-3.101	0.0		
670	1.850	-3.101	0.0		
671	2.100	-3.101	0.0		
672	2.350	-3.101	0.0		
673	2.600	-3.101	0.0		
674	2.850	-3.101	0.0		
675	3.100	-3.101	0.0		
676	3.350	-3.101	0.0		
677	3.850	-3.101	0.0		
678	4.100	-3.101	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
679	4.350	-3.101	0.0		
680	4.600	-3.101	0.0		
681	4.850	-3.101	0.0		
682	5.100	-3.101	0.0		
683	5.350	-3.101	0.0		
684	5.600	-3.101	0.0		
685	5.850	-3.101	0.0		
686	6.100	-3.101	0.0		
687	6.350	-3.101	0.0		
688	6.600	-3.101	0.0		
689	6.850	-3.101	0.0		
690	7.350	-3.101	0.0		
691	7.600	-3.101	0.0		
692	7.850	-3.101	0.0		
693	8.100	-3.101	0.0		
694	8.350	-3.101	0.0		
695	8.600	-3.101	0.0		
696	8.850	-3.101	0.0		
697	9.100	-3.101	0.0		
698	9.350	-3.101	0.0		
699	9.600	-3.101	0.0		
700	9.850	-3.101	0.0		
701	10.100	-3.101	0.0		
702	10.350	-3.101	0.0		
703	10.600	-3.101	0.0		
704	11.100	-3.101	0.0		
705	11.350	-3.101	0.0		
706	11.600	-3.101	0.0		
707	11.850	-3.101	0.0		
708	12.100	-3.101	0.0		
709	12.350	-3.101	0.0		
710	12.600	-3.101	0.0		
711	12.850	-3.101	0.0		
712	13.100	-3.101	0.0		
713	13.350	-3.101	0.0		
714	13.600	-3.101	0.0		
715	13.850	-3.101	0.0		
716	14.100	-3.101	0.0		
717	14.850	-3.101	0.0		
718	15.100	-3.101	0.0		
719	15.350	-3.101	0.0		
720	15.600	-3.101	0.0		
721	15.850	-3.101	0.0		
722	16.100	-3.101	0.0		
723	16.350	-3.101	0.0		
724	16.600	-3.101	0.0		
725	16.850	-3.101	0.0		
726	17.100	-3.101	0.0		
727	17.350	-3.101	0.0		
728	17.600	-3.101	0.0		
729	17.850	-3.101	0.0		
730	0.350	-2.871	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
731	0.600	-2.871	0.0		
732	0.850	-2.871	0.0		
733	1.100	-2.871	0.0		
734	1.350	-2.871	0.0		
735	1.600	-2.871	0.0		
736	1.850	-2.871	0.0		
737	2.100	-2.871	0.0		
738	2.350	-2.871	0.0		
739	2.600	-2.871	0.0		
740	2.850	-2.871	0.0		
741	3.100	-2.871	0.0		
742	3.350	-2.871	0.0		
743	3.850	-2.871	0.0		
744	4.100	-2.871	0.0		
745	4.350	-2.871	0.0		
746	4.600	-2.871	0.0		
747	4.850	-2.871	0.0		
748	5.100	-2.871	0.0		
749	5.350	-2.871	0.0		
750	5.600	-2.871	0.0		
751	5.850	-2.871	0.0		
752	6.100	-2.871	0.0		
753	6.350	-2.871	0.0		
754	6.600	-2.871	0.0		
755	6.850	-2.871	0.0		
756	7.350	-2.871	0.0		
757	7.600	-2.871	0.0		
758	7.850	-2.871	0.0		
759	8.100	-2.871	0.0		
760	8.350	-2.871	0.0		
761	8.600	-2.871	0.0		
762	8.850	-2.871	0.0		
763	9.100	-2.871	0.0		
764	9.350	-2.871	0.0		
765	9.600	-2.871	0.0		
766	9.850	-2.871	0.0		
767	10.100	-2.871	0.0		
768	10.350	-2.871	0.0		
769	10.600	-2.871	0.0		
770	11.100	-2.871	0.0		
771	11.350	-2.871	0.0		
772	11.600	-2.871	0.0		
773	11.850	-2.871	0.0		
774	12.100	-2.871	0.0		
775	12.350	-2.871	0.0		
776	12.600	-2.871	0.0		
777	12.850	-2.871	0.0		
778	13.100	-2.871	0.0		
779	13.350	-2.871	0.0		
780	13.600	-2.871	0.0		
781	13.850	-2.871	0.0		
782	14.100	-2.871	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
783	14.850	-2.871	0.0		
784	15.100	-2.871	0.0		
785	15.350	-2.871	0.0		
786	15.600	-2.871	0.0		
787	15.850	-2.871	0.0		
788	16.100	-2.871	0.0		
789	16.350	-2.871	0.0		
790	16.600	-2.871	0.0		
791	16.850	-2.871	0.0		
792	17.100	-2.871	0.0		
793	17.350	-2.871	0.0		
794	17.600	-2.871	0.0		
795	17.850	-2.871	0.0		
796	0.350	-2.641	0.0		
797	0.600	-2.641	0.0		
798	0.850	-2.641	0.0		
799	1.100	-2.641	0.0		
800	1.350	-2.641	0.0		
801	1.600	-2.641	0.0		
802	1.850	-2.641	0.0		
803	2.100	-2.641	0.0		
804	2.350	-2.641	0.0		
805	2.600	-2.641	0.0		
806	2.850	-2.641	0.0		
807	3.100	-2.641	0.0		
808	3.350	-2.641	0.0		
809	3.850	-2.641	0.0		
810	4.100	-2.641	0.0		
811	4.350	-2.641	0.0		
812	4.600	-2.641	0.0		
813	4.850	-2.641	0.0		
814	5.100	-2.641	0.0		
815	5.350	-2.641	0.0		
816	5.600	-2.641	0.0		
817	5.850	-2.641	0.0		
818	6.100	-2.641	0.0		
819	6.350	-2.641	0.0		
820	6.600	-2.641	0.0		
821	6.850	-2.641	0.0		
822	7.350	-2.641	0.0		
823	7.600	-2.641	0.0		
824	7.850	-2.641	0.0		
825	8.100	-2.641	0.0		
826	8.350	-2.641	0.0		
827	8.600	-2.641	0.0		
828	8.850	-2.641	0.0		
829	9.100	-2.641	0.0		
830	9.350	-2.641	0.0		
831	9.600	-2.641	0.0		
832	9.850	-2.641	0.0		
833	10.100	-2.641	0.0		
834	10.350	-2.641	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
835	10.600	-2.641	0.0		
836	11.100	-2.641	0.0		
837	11.350	-2.641	0.0		
838	11.600	-2.641	0.0		
839	11.850	-2.641	0.0		
840	12.100	-2.641	0.0		
841	12.350	-2.641	0.0		
842	12.600	-2.641	0.0		
843	12.850	-2.641	0.0		
844	13.100	-2.641	0.0		
845	13.350	-2.641	0.0		
846	13.600	-2.641	0.0		
847	13.850	-2.641	0.0		
848	14.100	-2.641	0.0		
849	14.850	-2.641	0.0		
850	15.100	-2.641	0.0		
851	15.350	-2.641	0.0		
852	15.600	-2.641	0.0		
853	15.850	-2.641	0.0		
854	16.100	-2.641	0.0		
855	16.350	-2.641	0.0		
856	16.600	-2.641	0.0		
857	16.850	-2.641	0.0		
858	17.100	-2.641	0.0		
859	17.350	-2.641	0.0		
860	17.600	-2.641	0.0		
861	17.850	-2.641	0.0		
862	0.350	-2.412	0.0		
863	0.600	-2.412	0.0		
864	0.850	-2.412	0.0		
865	1.100	-2.412	0.0		
866	1.350	-2.412	0.0		
867	1.600	-2.412	0.0		
868	1.850	-2.412	0.0		
869	2.100	-2.412	0.0		
870	2.350	-2.412	0.0		
871	2.600	-2.412	0.0		
872	2.850	-2.412	0.0		
873	3.100	-2.412	0.0		
874	3.350	-2.412	0.0		
875	3.850	-2.412	0.0		
876	4.100	-2.412	0.0		
877	4.350	-2.412	0.0		
878	4.600	-2.412	0.0		
879	4.850	-2.412	0.0		
880	5.100	-2.412	0.0		
881	5.350	-2.412	0.0		
882	5.600	-2.412	0.0		
883	5.850	-2.412	0.0		
884	6.100	-2.412	0.0		
885	6.350	-2.412	0.0		
886	6.600	-2.412	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
887	6.850	-2.412	0.0		
888	7.350	-2.412	0.0		
889	7.600	-2.412	0.0		
890	7.850	-2.412	0.0		
891	8.100	-2.412	0.0		
892	8.350	-2.412	0.0		
893	8.600	-2.412	0.0		
894	8.850	-2.412	0.0		
895	9.100	-2.412	0.0		
896	9.350	-2.412	0.0		
897	9.600	-2.412	0.0		
898	9.850	-2.412	0.0		
899	10.100	-2.412	0.0		
900	10.350	-2.412	0.0		
901	10.600	-2.412	0.0		
902	11.100	-2.412	0.0		
903	11.350	-2.412	0.0		
904	11.600	-2.412	0.0		
905	11.850	-2.412	0.0		
906	12.100	-2.412	0.0		
907	12.350	-2.412	0.0		
908	12.600	-2.412	0.0		
909	12.850	-2.412	0.0		
910	13.100	-2.412	0.0		
911	13.350	-2.412	0.0		
912	13.600	-2.412	0.0		
913	13.850	-2.412	0.0		
914	14.100	-2.412	0.0		
915	14.850	-2.412	0.0		
916	15.100	-2.412	0.0		
917	15.350	-2.412	0.0		
918	15.600	-2.412	0.0		
919	15.850	-2.412	0.0		
920	16.100	-2.412	0.0		
921	16.350	-2.412	0.0		
922	16.600	-2.412	0.0		
923	16.850	-2.412	0.0		
924	17.100	-2.412	0.0		
925	17.350	-2.412	0.0		
926	17.600	-2.412	0.0		
927	17.850	-2.412	0.0		
928	0.350	-2.182	0.0		
929	0.600	-2.182	0.0		
930	0.850	-2.182	0.0		
931	1.100	-2.182	0.0		
932	1.350	-2.182	0.0		
933	1.600	-2.182	0.0		
934	1.850	-2.182	0.0		
935	2.100	-2.182	0.0		
936	2.350	-2.182	0.0		
937	2.600	-2.182	0.0		
938	2.850	-2.182	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
939	3.100	-2.182	0.0		
940	3.350	-2.182	0.0		
941	3.850	-2.182	0.0		
942	4.100	-2.182	0.0		
943	4.350	-2.182	0.0		
944	4.600	-2.182	0.0		
945	4.850	-2.182	0.0		
946	5.100	-2.182	0.0		
947	5.350	-2.182	0.0		
948	5.600	-2.182	0.0		
949	5.850	-2.182	0.0		
950	6.100	-2.182	0.0		
951	6.350	-2.182	0.0		
952	6.600	-2.182	0.0		
953	6.850	-2.182	0.0		
954	7.350	-2.182	0.0		
955	7.600	-2.182	0.0		
956	7.850	-2.182	0.0		
957	8.100	-2.182	0.0		
958	8.350	-2.182	0.0		
959	8.600	-2.182	0.0		
960	8.850	-2.182	0.0		
961	9.100	-2.182	0.0		
962	9.350	-2.182	0.0		
963	9.600	-2.182	0.0		
964	9.850	-2.182	0.0		
965	10.100	-2.182	0.0		
966	10.350	-2.182	0.0		
967	10.600	-2.182	0.0		
968	11.100	-2.182	0.0		
969	11.350	-2.182	0.0		
970	11.600	-2.182	0.0		
971	11.850	-2.182	0.0		
972	12.100	-2.182	0.0		
973	12.350	-2.182	0.0		
974	12.600	-2.182	0.0		
975	12.850	-2.182	0.0		
976	13.100	-2.182	0.0		
977	13.350	-2.182	0.0		
978	13.600	-2.182	0.0		
979	13.850	-2.182	0.0		
980	14.100	-2.182	0.0		
981	14.850	-2.182	0.0		
982	15.100	-2.182	0.0		
983	15.350	-2.182	0.0		
984	15.600	-2.182	0.0		
985	15.850	-2.182	0.0		
986	16.100	-2.182	0.0		
987	16.350	-2.182	0.0		
988	16.600	-2.182	0.0		
989	16.850	-2.182	0.0		
990	17.100	-2.182	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
991	17.350	-2.182	0.0		
992	17.600	-2.182	0.0		
993	17.850	-2.182	0.0		
994	0.350	-1.952	0.0		
995	0.600	-1.952	0.0		
996	0.850	-1.952	0.0		
997	1.100	-1.952	0.0		
998	1.350	-1.952	0.0		
999	1.600	-1.952	0.0		
1000	1.850	-1.952	0.0		
1001	2.100	-1.952	0.0		
1002	2.350	-1.952	0.0		
1003	2.600	-1.952	0.0		
1004	2.850	-1.952	0.0		
1005	3.100	-1.952	0.0		
1006	3.350	-1.952	0.0		
1007	3.850	-1.952	0.0		
1008	4.100	-1.952	0.0		
1009	4.350	-1.952	0.0		
1010	4.600	-1.952	0.0		
1011	4.850	-1.952	0.0		
1012	5.100	-1.952	0.0		
1013	5.350	-1.952	0.0		
1014	5.600	-1.952	0.0		
1015	5.850	-1.952	0.0		
1016	6.100	-1.952	0.0		
1017	6.350	-1.952	0.0		
1018	6.600	-1.952	0.0		
1019	6.850	-1.952	0.0		
1020	7.350	-1.952	0.0		
1021	7.600	-1.952	0.0		
1022	7.850	-1.952	0.0		
1023	8.100	-1.952	0.0		
1024	8.350	-1.952	0.0		
1025	8.600	-1.952	0.0		
1026	8.850	-1.952	0.0		
1027	9.100	-1.952	0.0		
1028	9.350	-1.952	0.0		
1029	9.600	-1.952	0.0		
1030	9.850	-1.952	0.0		
1031	10.100	-1.952	0.0		
1032	10.350	-1.952	0.0		
1033	10.600	-1.952	0.0		
1034	11.100	-1.952	0.0		
1035	11.350	-1.952	0.0		
1036	11.600	-1.952	0.0		
1037	11.850	-1.952	0.0		
1038	12.100	-1.952	0.0		
1039	12.350	-1.952	0.0		
1040	12.600	-1.952	0.0		
1041	12.850	-1.952	0.0		
1042	13.100	-1.952	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1043	13.350	-1.952	0.0		
1044	13.600	-1.952	0.0		
1045	13.850	-1.952	0.0		
1046	14.100	-1.952	0.0		
1047	14.850	-1.952	0.0		
1048	15.100	-1.952	0.0		
1049	15.350	-1.952	0.0		
1050	15.600	-1.952	0.0		
1051	15.850	-1.952	0.0		
1052	16.100	-1.952	0.0		
1053	16.350	-1.952	0.0		
1054	16.600	-1.952	0.0		
1055	16.850	-1.952	0.0		
1056	17.100	-1.952	0.0		
1057	17.350	-1.952	0.0		
1058	17.600	-1.952	0.0		
1059	17.850	-1.952	0.0		
1060	0.350	-1.722	0.0		
1061	0.600	-1.722	0.0		
1062	0.850	-1.722	0.0		
1063	1.100	-1.722	0.0		
1064	1.350	-1.722	0.0		
1065	1.600	-1.722	0.0		
1066	1.850	-1.722	0.0		
1067	2.100	-1.722	0.0		
1068	2.350	-1.722	0.0		
1069	2.600	-1.722	0.0		
1070	2.850	-1.722	0.0		
1071	3.100	-1.722	0.0		
1072	3.350	-1.722	0.0		
1073	3.850	-1.722	0.0		
1074	4.100	-1.722	0.0		
1075	4.350	-1.722	0.0		
1076	4.600	-1.722	0.0		
1077	4.850	-1.722	0.0		
1078	5.100	-1.722	0.0		
1079	5.350	-1.722	0.0		
1080	5.600	-1.722	0.0		
1081	5.850	-1.722	0.0		
1082	6.100	-1.722	0.0		
1083	6.350	-1.722	0.0		
1084	6.600	-1.722	0.0		
1085	6.850	-1.722	0.0		
1086	7.350	-1.722	0.0		
1087	7.600	-1.722	0.0		
1088	7.850	-1.722	0.0		
1089	8.100	-1.722	0.0		
1090	8.350	-1.722	0.0		
1091	8.600	-1.722	0.0		
1092	8.850	-1.722	0.0		
1093	9.100	-1.722	0.0		
1094	9.350	-1.722	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1095	9.600	-1.722	0.0		
1096	9.850	-1.722	0.0		
1097	10.100	-1.722	0.0		
1098	10.350	-1.722	0.0		
1099	10.600	-1.722	0.0		
1100	11.100	-1.722	0.0		
1101	11.350	-1.722	0.0		
1102	11.600	-1.722	0.0		
1103	11.850	-1.722	0.0		
1104	12.100	-1.722	0.0		
1105	12.350	-1.722	0.0		
1106	12.600	-1.722	0.0		
1107	12.850	-1.722	0.0		
1108	13.100	-1.722	0.0		
1109	13.350	-1.722	0.0		
1110	13.600	-1.722	0.0		
1111	13.850	-1.722	0.0		
1112	14.100	-1.722	0.0		
1113	14.850	-1.722	0.0		
1114	15.100	-1.722	0.0		
1115	15.350	-1.722	0.0		
1116	15.600	-1.722	0.0		
1117	15.850	-1.722	0.0		
1118	16.100	-1.722	0.0		
1119	16.350	-1.722	0.0		
1120	16.600	-1.722	0.0		
1121	16.850	-1.722	0.0		
1122	17.100	-1.722	0.0		
1123	17.350	-1.722	0.0		
1124	17.600	-1.722	0.0		
1125	17.850	-1.722	0.0		
1126	0.350	-1.492	0.0		
1127	0.600	-1.492	0.0		
1128	0.850	-1.492	0.0		
1129	1.100	-1.492	0.0		
1130	1.350	-1.492	0.0		
1131	1.600	-1.492	0.0		
1132	1.850	-1.492	0.0		
1133	2.100	-1.492	0.0		
1134	2.350	-1.492	0.0		
1135	2.600	-1.492	0.0		
1136	2.850	-1.492	0.0		
1137	3.100	-1.492	0.0		
1138	3.350	-1.492	0.0		
1139	3.850	-1.492	0.0		
1140	4.100	-1.492	0.0		
1141	4.350	-1.492	0.0		
1142	4.600	-1.492	0.0		
1143	4.850	-1.492	0.0		
1144	5.100	-1.492	0.0		
1145	5.350	-1.492	0.0		
1146	5.600	-1.492	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1147	5.850	-1.492	0.0		
1148	6.100	-1.492	0.0		
1149	6.350	-1.492	0.0		
1150	6.600	-1.492	0.0		
1151	6.850	-1.492	0.0		
1152	7.350	-1.492	0.0		
1153	7.600	-1.492	0.0		
1154	7.850	-1.492	0.0		
1155	8.100	-1.492	0.0		
1156	8.350	-1.492	0.0		
1157	8.600	-1.492	0.0		
1158	8.850	-1.492	0.0		
1159	9.100	-1.492	0.0		
1160	9.350	-1.492	0.0		
1161	9.600	-1.492	0.0		
1162	9.850	-1.492	0.0		
1163	10.100	-1.492	0.0		
1164	10.350	-1.492	0.0		
1165	10.600	-1.492	0.0		
1166	11.100	-1.492	0.0		
1167	11.350	-1.492	0.0		
1168	11.600	-1.492	0.0		
1169	11.850	-1.492	0.0		
1170	12.100	-1.492	0.0		
1171	12.350	-1.492	0.0		
1172	12.600	-1.492	0.0		
1173	12.850	-1.492	0.0		
1174	13.100	-1.492	0.0		
1175	13.350	-1.492	0.0		
1176	13.600	-1.492	0.0		
1177	13.850	-1.492	0.0		
1178	14.100	-1.492	0.0		
1179	14.850	-1.492	0.0		
1180	15.100	-1.492	0.0		
1181	15.350	-1.492	0.0		
1182	15.600	-1.492	0.0		
1183	15.850	-1.492	0.0		
1184	16.100	-1.492	0.0		
1185	16.350	-1.492	0.0		
1186	16.600	-1.492	0.0		
1187	16.850	-1.492	0.0		
1188	17.100	-1.492	0.0		
1189	17.350	-1.492	0.0		
1190	17.600	-1.492	0.0		
1191	17.850	-1.492	0.0		
1192	0.350	-1.263	0.0		
1193	0.600	-1.263	0.0		
1194	0.850	-1.263	0.0		
1195	1.100	-1.263	0.0		
1196	1.350	-1.263	0.0		
1197	1.600	-1.263	0.0		
1198	1.850	-1.263	0.0		

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_LOSA TABLERO_v00.rtd**
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Node	X (m)	Y (m)	Z (m)	Support code	Support
1199	2.100	-1.263	0.0		
1200	2.350	-1.263	0.0		
1201	2.600	-1.263	0.0		
1202	2.850	-1.263	0.0		
1203	3.100	-1.263	0.0		
1204	3.350	-1.263	0.0		
1205	3.850	-1.263	0.0		
1206	4.100	-1.263	0.0		
1207	4.350	-1.263	0.0		
1208	4.600	-1.263	0.0		
1209	4.850	-1.263	0.0		
1210	5.100	-1.263	0.0		
1211	5.350	-1.263	0.0		
1212	5.600	-1.263	0.0		
1213	5.850	-1.263	0.0		
1214	6.100	-1.263	0.0		
1215	6.350	-1.263	0.0		
1216	6.600	-1.263	0.0		
1217	6.850	-1.263	0.0		
1218	7.350	-1.263	0.0		
1219	7.600	-1.263	0.0		
1220	7.850	-1.263	0.0		
1221	8.100	-1.263	0.0		
1222	8.350	-1.263	0.0		
1223	8.600	-1.263	0.0		
1224	8.850	-1.263	0.0		
1225	9.100	-1.263	0.0		
1226	9.350	-1.263	0.0		
1227	9.600	-1.263	0.0		
1228	9.850	-1.263	0.0		
1229	10.100	-1.263	0.0		
1230	10.350	-1.263	0.0		
1231	10.600	-1.263	0.0		
1232	11.100	-1.263	0.0		
1233	11.350	-1.263	0.0		
1234	11.600	-1.263	0.0		
1235	11.850	-1.263	0.0		
1236	12.100	-1.263	0.0		
1237	12.350	-1.263	0.0		
1238	12.600	-1.263	0.0		
1239	12.850	-1.263	0.0		
1240	13.100	-1.263	0.0		
1241	13.350	-1.263	0.0		
1242	13.600	-1.263	0.0		
1243	13.850	-1.263	0.0		
1244	14.100	-1.263	0.0		
1245	14.850	-1.263	0.0		
1246	15.100	-1.263	0.0		
1247	15.350	-1.263	0.0		
1248	15.600	-1.263	0.0		
1249	15.850	-1.263	0.0		
1250	16.100	-1.263	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1251	16.350	-1.263	0.0		
1252	16.600	-1.263	0.0		
1253	16.850	-1.263	0.0		
1254	17.100	-1.263	0.0		
1255	17.350	-1.263	0.0		
1256	17.600	-1.263	0.0		
1257	17.850	-1.263	0.0		
1258	0.350	-1.033	0.0		
1259	0.600	-1.033	0.0		
1260	0.850	-1.033	0.0		
1261	1.100	-1.033	0.0		
1262	1.350	-1.033	0.0		
1263	1.600	-1.033	0.0		
1264	1.850	-1.033	0.0		
1265	2.100	-1.033	0.0		
1266	2.350	-1.033	0.0		
1267	2.600	-1.033	0.0		
1268	2.850	-1.033	0.0		
1269	3.100	-1.033	0.0		
1270	3.350	-1.033	0.0		
1271	3.850	-1.033	0.0		
1272	4.100	-1.033	0.0		
1273	4.350	-1.033	0.0		
1274	4.600	-1.033	0.0		
1275	4.850	-1.033	0.0		
1276	5.100	-1.033	0.0		
1277	5.350	-1.033	0.0		
1278	5.600	-1.033	0.0		
1279	5.850	-1.033	0.0		
1280	6.100	-1.033	0.0		
1281	6.350	-1.033	0.0		
1282	6.600	-1.033	0.0		
1283	6.850	-1.033	0.0		
1284	7.350	-1.033	0.0		
1285	7.600	-1.033	0.0		
1286	7.850	-1.033	0.0		
1287	8.100	-1.033	0.0		
1288	8.350	-1.033	0.0		
1289	8.600	-1.033	0.0		
1290	8.850	-1.033	0.0		
1291	9.100	-1.033	0.0		
1292	9.350	-1.033	0.0		
1293	9.600	-1.033	0.0		
1294	9.850	-1.033	0.0		
1295	10.100	-1.033	0.0		
1296	10.350	-1.033	0.0		
1297	10.600	-1.033	0.0		
1298	11.100	-1.033	0.0		
1299	11.350	-1.033	0.0		
1300	11.600	-1.033	0.0		
1301	11.850	-1.033	0.0		
1302	12.100	-1.033	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1303	12.350	-1.033	0.0		
1304	12.600	-1.033	0.0		
1305	12.850	-1.033	0.0		
1306	13.100	-1.033	0.0		
1307	13.350	-1.033	0.0		
1308	13.600	-1.033	0.0		
1309	13.850	-1.033	0.0		
1310	14.100	-1.033	0.0		
1311	14.850	-1.033	0.0		
1312	15.100	-1.033	0.0		
1313	15.350	-1.033	0.0		
1314	15.600	-1.033	0.0		
1315	15.850	-1.033	0.0		
1316	16.100	-1.033	0.0		
1317	16.350	-1.033	0.0		
1318	16.600	-1.033	0.0		
1319	16.850	-1.033	0.0		
1320	17.100	-1.033	0.0		
1321	17.350	-1.033	0.0		
1322	17.600	-1.033	0.0		
1323	17.850	-1.033	0.0		
1324	0.350	-0.803	0.0		
1325	0.600	-0.803	0.0		
1326	0.850	-0.803	0.0		
1327	1.100	-0.803	0.0		
1328	1.350	-0.803	0.0		
1329	1.600	-0.803	0.0		
1330	1.850	-0.803	0.0		
1331	2.100	-0.803	0.0		
1332	2.350	-0.803	0.0		
1333	2.600	-0.803	0.0		
1334	2.850	-0.803	0.0		
1335	3.100	-0.803	0.0		
1336	3.350	-0.803	0.0		
1337	3.850	-0.803	0.0		
1338	4.100	-0.803	0.0		
1339	4.350	-0.803	0.0		
1340	4.600	-0.803	0.0		
1341	4.850	-0.803	0.0		
1342	5.100	-0.803	0.0		
1343	5.350	-0.803	0.0		
1344	5.600	-0.803	0.0		
1345	5.850	-0.803	0.0		
1346	6.100	-0.803	0.0		
1347	6.350	-0.803	0.0		
1348	6.600	-0.803	0.0		
1349	6.850	-0.803	0.0		
1350	7.350	-0.803	0.0		
1351	7.600	-0.803	0.0		
1352	7.850	-0.803	0.0		
1353	8.100	-0.803	0.0		
1354	8.350	-0.803	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1355	8.600	-0.803	0.0		
1356	8.850	-0.803	0.0		
1357	9.100	-0.803	0.0		
1358	9.350	-0.803	0.0		
1359	9.600	-0.803	0.0		
1360	9.850	-0.803	0.0		
1361	10.100	-0.803	0.0		
1362	10.350	-0.803	0.0		
1363	10.600	-0.803	0.0		
1364	11.100	-0.803	0.0		
1365	11.350	-0.803	0.0		
1366	11.600	-0.803	0.0		
1367	11.850	-0.803	0.0		
1368	12.100	-0.803	0.0		
1369	12.350	-0.803	0.0		
1370	12.600	-0.803	0.0		
1371	12.850	-0.803	0.0		
1372	13.100	-0.803	0.0		
1373	13.350	-0.803	0.0		
1374	13.600	-0.803	0.0		
1375	13.850	-0.803	0.0		
1376	14.100	-0.803	0.0		
1377	14.850	-0.803	0.0		
1378	15.100	-0.803	0.0		
1379	15.350	-0.803	0.0		
1380	15.600	-0.803	0.0		
1381	15.850	-0.803	0.0		
1382	16.100	-0.803	0.0		
1383	16.350	-0.803	0.0		
1384	16.600	-0.803	0.0		
1385	16.850	-0.803	0.0		
1386	17.100	-0.803	0.0		
1387	17.350	-0.803	0.0		
1388	17.600	-0.803	0.0		
1389	17.850	-0.803	0.0		
1390	0.350	-0.573	0.0		
1391	0.600	-0.573	0.0		
1392	0.850	-0.573	0.0		
1393	1.100	-0.573	0.0		
1394	1.350	-0.573	0.0		
1395	1.600	-0.573	0.0		
1396	1.850	-0.573	0.0		
1397	2.100	-0.573	0.0		
1398	2.350	-0.573	0.0		
1399	2.600	-0.573	0.0		
1400	2.850	-0.573	0.0		
1401	3.100	-0.573	0.0		
1402	3.350	-0.573	0.0		
1403	3.850	-0.573	0.0		
1404	4.100	-0.573	0.0		
1405	4.350	-0.573	0.0		
1406	4.600	-0.573	0.0		

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Address:
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Node	X (m)	Y (m)	Z (m)	Support code	Support
1407	4.850	-0.573	0.0		
1408	5.100	-0.573	0.0		
1409	5.350	-0.573	0.0		
1410	5.600	-0.573	0.0		
1411	5.850	-0.573	0.0		
1412	6.100	-0.573	0.0		
1413	6.350	-0.573	0.0		
1414	6.600	-0.573	0.0		
1415	6.850	-0.573	0.0		
1416	7.350	-0.573	0.0		
1417	7.600	-0.573	0.0		
1418	7.850	-0.573	0.0		
1419	8.100	-0.573	0.0		
1420	8.350	-0.573	0.0		
1421	8.600	-0.573	0.0		
1422	8.850	-0.573	0.0		
1423	9.100	-0.573	0.0		
1424	9.350	-0.573	0.0		
1425	9.600	-0.573	0.0		
1426	9.850	-0.573	0.0		
1427	10.100	-0.573	0.0		
1428	10.350	-0.573	0.0		
1429	10.600	-0.573	0.0		
1430	11.100	-0.573	0.0		
1431	11.350	-0.573	0.0		
1432	11.600	-0.573	0.0		
1433	11.850	-0.573	0.0		
1434	12.100	-0.573	0.0		
1435	12.350	-0.573	0.0		
1436	12.600	-0.573	0.0		
1437	12.850	-0.573	0.0		
1438	13.100	-0.573	0.0		
1439	13.350	-0.573	0.0		
1440	13.600	-0.573	0.0		
1441	13.850	-0.573	0.0		
1442	14.100	-0.573	0.0		
1443	14.850	-0.573	0.0		
1444	15.100	-0.573	0.0		
1445	15.350	-0.573	0.0		
1446	15.600	-0.573	0.0		
1447	15.850	-0.573	0.0		
1448	16.100	-0.573	0.0		
1449	16.350	-0.573	0.0		
1450	16.600	-0.573	0.0		
1451	16.850	-0.573	0.0		
1452	17.100	-0.573	0.0		
1453	17.350	-0.573	0.0		
1454	17.600	-0.573	0.0		
1455	17.850	-0.573	0.0		
1456	0.350	-0.344	0.0		
1457	0.600	-0.344	0.0		
1458	0.850	-0.344	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1459	1.100	-0.344	0.0		
1460	1.350	-0.344	0.0		
1461	1.600	-0.344	0.0		
1462	1.850	-0.344	0.0		
1463	2.100	-0.344	0.0		
1464	2.350	-0.344	0.0		
1465	2.600	-0.344	0.0		
1466	2.850	-0.344	0.0		
1467	3.100	-0.344	0.0		
1468	3.350	-0.344	0.0		
1469	3.850	-0.344	0.0		
1470	4.100	-0.344	0.0		
1471	4.350	-0.344	0.0		
1472	4.600	-0.344	0.0		
1473	4.850	-0.344	0.0		
1474	5.100	-0.344	0.0		
1475	5.350	-0.344	0.0		
1476	5.600	-0.344	0.0		
1477	5.850	-0.344	0.0		
1478	6.100	-0.344	0.0		
1479	6.350	-0.344	0.0		
1480	6.600	-0.344	0.0		
1481	6.850	-0.344	0.0		
1482	7.350	-0.344	0.0		
1483	7.600	-0.344	0.0		
1484	7.850	-0.344	0.0		
1485	8.100	-0.344	0.0		
1486	8.350	-0.344	0.0		
1487	8.600	-0.344	0.0		
1488	8.850	-0.344	0.0		
1489	9.100	-0.344	0.0		
1490	9.350	-0.344	0.0		
1491	9.600	-0.344	0.0		
1492	9.850	-0.344	0.0		
1493	10.100	-0.344	0.0		
1494	10.350	-0.344	0.0		
1495	10.600	-0.344	0.0		
1496	11.100	-0.344	0.0		
1497	11.350	-0.344	0.0		
1498	11.600	-0.344	0.0		
1499	11.850	-0.344	0.0		
1500	12.100	-0.344	0.0		
1501	12.350	-0.344	0.0		
1502	12.600	-0.344	0.0		
1503	12.850	-0.344	0.0		
1504	13.100	-0.344	0.0		
1505	13.350	-0.344	0.0		
1506	13.600	-0.344	0.0		
1507	13.850	-0.344	0.0		
1508	14.100	-0.344	0.0		
1509	14.850	-0.344	0.0		
1510	15.100	-0.344	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1511	15.350	-0.344	0.0		
1512	15.600	-0.344	0.0		
1513	15.850	-0.344	0.0		
1514	16.100	-0.344	0.0		
1515	16.350	-0.344	0.0		
1516	16.600	-0.344	0.0		
1517	16.850	-0.344	0.0		
1518	17.100	-0.344	0.0		
1519	17.350	-0.344	0.0		
1520	17.600	-0.344	0.0		
1521	17.850	-0.344	0.0		
1522	0.350	-0.114	0.0		
1523	0.600	-0.114	0.0		
1524	0.850	-0.114	0.0		
1525	1.100	-0.114	0.0		
1526	1.350	-0.114	0.0		
1527	1.600	-0.114	0.0		
1528	1.850	-0.114	0.0		
1529	2.100	-0.114	0.0		
1530	2.350	-0.114	0.0		
1531	2.600	-0.114	0.0		
1532	2.850	-0.114	0.0		
1533	3.100	-0.114	0.0		
1534	3.350	-0.114	0.0		
1535	3.850	-0.114	0.0		
1536	4.100	-0.114	0.0		
1537	4.350	-0.114	0.0		
1538	4.600	-0.114	0.0		
1539	4.850	-0.114	0.0		
1540	5.100	-0.114	0.0		
1541	5.350	-0.114	0.0		
1542	5.600	-0.114	0.0		
1543	5.850	-0.114	0.0		
1544	6.100	-0.114	0.0		
1545	6.350	-0.114	0.0		
1546	6.600	-0.114	0.0		
1547	6.850	-0.114	0.0		
1548	7.350	-0.114	0.0		
1549	7.600	-0.114	0.0		
1550	7.850	-0.114	0.0		
1551	8.100	-0.114	0.0		
1552	8.350	-0.114	0.0		
1553	8.600	-0.114	0.0		
1554	8.850	-0.114	0.0		
1555	9.100	-0.114	0.0		
1556	9.350	-0.114	0.0		
1557	9.600	-0.114	0.0		
1558	9.850	-0.114	0.0		
1559	10.100	-0.114	0.0		
1560	10.350	-0.114	0.0		
1561	10.600	-0.114	0.0		
1562	11.100	-0.114	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1563	11.350	-0.114	0.0		
1564	11.600	-0.114	0.0		
1565	11.850	-0.114	0.0		
1566	12.100	-0.114	0.0		
1567	12.350	-0.114	0.0		
1568	12.600	-0.114	0.0		
1569	12.850	-0.114	0.0		
1570	13.100	-0.114	0.0		
1571	13.350	-0.114	0.0		
1572	13.600	-0.114	0.0		
1573	13.850	-0.114	0.0		
1574	14.100	-0.114	0.0		
1575	14.850	-0.114	0.0		
1576	15.100	-0.114	0.0		
1577	15.350	-0.114	0.0		
1578	15.600	-0.114	0.0		
1579	15.850	-0.114	0.0		
1580	16.100	-0.114	0.0		
1581	16.350	-0.114	0.0		
1582	16.600	-0.114	0.0		
1583	16.850	-0.114	0.0		
1584	17.100	-0.114	0.0		
1585	17.350	-0.114	0.0		
1586	17.600	-0.114	0.0		
1587	17.850	-0.114	0.0		
1588	0.350	0.116	0.0		
1589	0.600	0.116	0.0		
1590	0.850	0.116	0.0		
1591	1.100	0.116	0.0		
1592	1.350	0.116	0.0		
1593	1.600	0.116	0.0		
1594	1.850	0.116	0.0		
1595	2.100	0.116	0.0		
1596	2.350	0.116	0.0		
1597	2.600	0.116	0.0		
1598	2.850	0.116	0.0		
1599	3.100	0.116	0.0		
1600	3.350	0.116	0.0		
1601	3.850	0.116	0.0		
1602	4.100	0.116	0.0		
1603	4.350	0.116	0.0		
1604	4.600	0.116	0.0		
1605	4.850	0.116	0.0		
1606	5.100	0.116	0.0		
1607	5.350	0.116	0.0		
1608	5.600	0.116	0.0		
1609	5.850	0.116	0.0		
1610	6.100	0.116	0.0		
1611	6.350	0.116	0.0		
1612	6.600	0.116	0.0		
1613	6.850	0.116	0.0		
1614	7.350	0.116	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1615	7.600	0.116	0.0		
1616	7.850	0.116	0.0		
1617	8.100	0.116	0.0		
1618	8.350	0.116	0.0		
1619	8.600	0.116	0.0		
1620	8.850	0.116	0.0		
1621	9.100	0.116	0.0		
1622	9.350	0.116	0.0		
1623	9.600	0.116	0.0		
1624	9.850	0.116	0.0		
1625	10.100	0.116	0.0		
1626	10.350	0.116	0.0		
1627	10.600	0.116	0.0		
1628	11.100	0.116	0.0		
1629	11.350	0.116	0.0		
1630	11.600	0.116	0.0		
1631	11.850	0.116	0.0		
1632	12.100	0.116	0.0		
1633	12.350	0.116	0.0		
1634	12.600	0.116	0.0		
1635	12.850	0.116	0.0		
1636	13.100	0.116	0.0		
1637	13.350	0.116	0.0		
1638	13.600	0.116	0.0		
1639	13.850	0.116	0.0		
1640	14.100	0.116	0.0		
1641	14.850	0.116	0.0		
1642	15.100	0.116	0.0		
1643	15.350	0.116	0.0		
1644	15.600	0.116	0.0		
1645	15.850	0.116	0.0		
1646	16.100	0.116	0.0		
1647	16.350	0.116	0.0		
1648	16.600	0.116	0.0		
1649	16.850	0.116	0.0		
1650	17.100	0.116	0.0		
1651	17.350	0.116	0.0		
1652	17.600	0.116	0.0		
1653	17.850	0.116	0.0		
1654	0.350	0.346	0.0		
1655	0.600	0.346	0.0		
1656	0.850	0.346	0.0		
1657	1.100	0.346	0.0		
1658	1.350	0.346	0.0		
1659	1.600	0.346	0.0		
1660	1.850	0.346	0.0		
1661	2.100	0.346	0.0		
1662	2.350	0.346	0.0		
1663	2.600	0.346	0.0		
1664	2.850	0.346	0.0		
1665	3.100	0.346	0.0		
1666	3.350	0.346	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1667	3.850	0.346	0.0		
1668	4.100	0.346	0.0		
1669	4.350	0.346	0.0		
1670	4.600	0.346	0.0		
1671	4.850	0.346	0.0		
1672	5.100	0.346	0.0		
1673	5.350	0.346	0.0		
1674	5.600	0.346	0.0		
1675	5.850	0.346	0.0		
1676	6.100	0.346	0.0		
1677	6.350	0.346	0.0		
1678	6.600	0.346	0.0		
1679	6.850	0.346	0.0		
1680	7.350	0.346	0.0		
1681	7.600	0.346	0.0		
1682	7.850	0.346	0.0		
1683	8.100	0.346	0.0		
1684	8.350	0.346	0.0		
1685	8.600	0.346	0.0		
1686	8.850	0.346	0.0		
1687	9.100	0.346	0.0		
1688	9.350	0.346	0.0		
1689	9.600	0.346	0.0		
1690	9.850	0.346	0.0		
1691	10.100	0.346	0.0		
1692	10.350	0.346	0.0		
1693	10.600	0.346	0.0		
1694	11.100	0.346	0.0		
1695	11.350	0.346	0.0		
1696	11.600	0.346	0.0		
1697	11.850	0.346	0.0		
1698	12.100	0.346	0.0		
1699	12.350	0.346	0.0		
1700	12.600	0.346	0.0		
1701	12.850	0.346	0.0		
1702	13.100	0.346	0.0		
1703	13.350	0.346	0.0		
1704	13.600	0.346	0.0		
1705	13.850	0.346	0.0		
1706	14.100	0.346	0.0		
1707	14.850	0.346	0.0		
1708	15.100	0.346	0.0		
1709	15.350	0.346	0.0		
1710	15.600	0.346	0.0		
1711	15.850	0.346	0.0		
1712	16.100	0.346	0.0		
1713	16.350	0.346	0.0		
1714	16.600	0.346	0.0		
1715	16.850	0.346	0.0		
1716	17.100	0.346	0.0		
1717	17.350	0.346	0.0		
1718	17.600	0.346	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1719	17.850	0.346	0.0		
1720	0.350	0.576	0.0		
1721	0.600	0.576	0.0		
1722	0.850	0.576	0.0		
1723	1.100	0.576	0.0		
1724	1.350	0.576	0.0		
1725	1.600	0.576	0.0		
1726	1.850	0.576	0.0		
1727	2.100	0.576	0.0		
1728	2.350	0.576	0.0		
1729	2.600	0.576	0.0		
1730	2.850	0.576	0.0		
1731	3.100	0.576	0.0		
1732	3.350	0.576	0.0		
1733	3.850	0.576	0.0		
1734	4.100	0.576	0.0		
1735	4.350	0.576	0.0		
1736	4.600	0.576	0.0		
1737	4.850	0.576	0.0		
1738	5.100	0.576	0.0		
1739	5.350	0.576	0.0		
1740	5.600	0.576	0.0		
1741	5.850	0.576	0.0		
1742	6.100	0.576	0.0		
1743	6.350	0.576	0.0		
1744	6.600	0.576	0.0		
1745	6.850	0.576	0.0		
1746	7.350	0.576	0.0		
1747	7.600	0.576	0.0		
1748	7.850	0.576	0.0		
1749	8.100	0.576	0.0		
1750	8.350	0.576	0.0		
1751	8.600	0.576	0.0		
1752	8.850	0.576	0.0		
1753	9.100	0.576	0.0		
1754	9.350	0.576	0.0		
1755	9.600	0.576	0.0		
1756	9.850	0.576	0.0		
1757	10.100	0.576	0.0		
1758	10.350	0.576	0.0		
1759	10.600	0.576	0.0		
1760	11.100	0.576	0.0		
1761	11.350	0.576	0.0		
1762	11.600	0.576	0.0		
1763	11.850	0.576	0.0		
1764	12.100	0.576	0.0		
1765	12.350	0.576	0.0		
1766	12.600	0.576	0.0		
1767	12.850	0.576	0.0		
1768	13.100	0.576	0.0		
1769	13.350	0.576	0.0		
1770	13.600	0.576	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1771	13.850	0.576	0.0		
1772	14.100	0.576	0.0		
1773	14.850	0.576	0.0		
1774	15.100	0.576	0.0		
1775	15.350	0.576	0.0		
1776	15.600	0.576	0.0		
1777	15.850	0.576	0.0		
1778	16.100	0.576	0.0		
1779	16.350	0.576	0.0		
1780	16.600	0.576	0.0		
1781	16.850	0.576	0.0		
1782	17.100	0.576	0.0		
1783	17.350	0.576	0.0		
1784	17.600	0.576	0.0		
1785	17.850	0.576	0.0		
1786	0.350	0.805	0.0		
1787	0.600	0.805	0.0		
1788	0.850	0.805	0.0		
1789	1.100	0.805	0.0		
1790	1.350	0.805	0.0		
1791	1.600	0.805	0.0		
1792	1.850	0.805	0.0		
1793	2.100	0.805	0.0		
1794	2.350	0.805	0.0		
1795	2.600	0.805	0.0		
1796	2.850	0.805	0.0		
1797	3.100	0.805	0.0		
1798	3.350	0.805	0.0		
1799	3.850	0.805	0.0		
1800	4.100	0.805	0.0		
1801	4.350	0.805	0.0		
1802	4.600	0.805	0.0		
1803	4.850	0.805	0.0		
1804	5.100	0.805	0.0		
1805	5.350	0.805	0.0		
1806	5.600	0.805	0.0		
1807	5.850	0.805	0.0		
1808	6.100	0.805	0.0		
1809	6.350	0.805	0.0		
1810	6.600	0.805	0.0		
1811	6.850	0.805	0.0		
1812	7.350	0.805	0.0		
1813	7.600	0.805	0.0		
1814	7.850	0.805	0.0		
1815	8.100	0.805	0.0		
1816	8.350	0.805	0.0		
1817	8.600	0.805	0.0		
1818	8.850	0.805	0.0		
1819	9.100	0.805	0.0		
1820	9.350	0.805	0.0		
1821	9.600	0.805	0.0		
1822	9.850	0.805	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1823	10.100	0.805	0.0		
1824	10.350	0.805	0.0		
1825	10.600	0.805	0.0		
1826	11.100	0.805	0.0		
1827	11.350	0.805	0.0		
1828	11.600	0.805	0.0		
1829	11.850	0.805	0.0		
1830	12.100	0.805	0.0		
1831	12.350	0.805	0.0		
1832	12.600	0.805	0.0		
1833	12.850	0.805	0.0		
1834	13.100	0.805	0.0		
1835	13.350	0.805	0.0		
1836	13.600	0.805	0.0		
1837	13.850	0.805	0.0		
1838	14.100	0.805	0.0		
1839	14.850	0.805	0.0		
1840	15.100	0.805	0.0		
1841	15.350	0.805	0.0		
1842	15.600	0.805	0.0		
1843	15.850	0.805	0.0		
1844	16.100	0.805	0.0		
1845	16.350	0.805	0.0		
1846	16.600	0.805	0.0		
1847	16.850	0.805	0.0		
1848	17.100	0.805	0.0		
1849	17.350	0.805	0.0		
1850	17.600	0.805	0.0		
1851	17.850	0.805	0.0		
1852	0.350	1.035	0.0		
1853	0.600	1.035	0.0		
1854	0.850	1.035	0.0		
1855	1.100	1.035	0.0		
1856	1.350	1.035	0.0		
1857	1.600	1.035	0.0		
1858	1.850	1.035	0.0		
1859	2.100	1.035	0.0		
1860	2.350	1.035	0.0		
1861	2.600	1.035	0.0		
1862	2.850	1.035	0.0		
1863	3.100	1.035	0.0		
1864	3.350	1.035	0.0		
1865	3.850	1.035	0.0		
1866	4.100	1.035	0.0		
1867	4.350	1.035	0.0		
1868	4.600	1.035	0.0		
1869	4.850	1.035	0.0		
1870	5.100	1.035	0.0		
1871	5.350	1.035	0.0		
1872	5.600	1.035	0.0		
1873	5.850	1.035	0.0		
1874	6.100	1.035	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1875	6.350	1.035	0.0		
1876	6.600	1.035	0.0		
1877	6.850	1.035	0.0		
1878	7.350	1.035	0.0		
1879	7.600	1.035	0.0		
1880	7.850	1.035	0.0		
1881	8.100	1.035	0.0		
1882	8.350	1.035	0.0		
1883	8.600	1.035	0.0		
1884	8.850	1.035	0.0		
1885	9.100	1.035	0.0		
1886	9.350	1.035	0.0		
1887	9.600	1.035	0.0		
1888	9.850	1.035	0.0		
1889	10.100	1.035	0.0		
1890	10.350	1.035	0.0		
1891	10.600	1.035	0.0		
1892	11.100	1.035	0.0		
1893	11.350	1.035	0.0		
1894	11.600	1.035	0.0		
1895	11.850	1.035	0.0		
1896	12.100	1.035	0.0		
1897	12.350	1.035	0.0		
1898	12.600	1.035	0.0		
1899	12.850	1.035	0.0		
1900	13.100	1.035	0.0		
1901	13.350	1.035	0.0		
1902	13.600	1.035	0.0		
1903	13.850	1.035	0.0		
1904	14.100	1.035	0.0		
1905	14.850	1.035	0.0		
1906	15.100	1.035	0.0		
1907	15.350	1.035	0.0		
1908	15.600	1.035	0.0		
1909	15.850	1.035	0.0		
1910	16.100	1.035	0.0		
1911	16.350	1.035	0.0		
1912	16.600	1.035	0.0		
1913	16.850	1.035	0.0		
1914	17.100	1.035	0.0		
1915	17.350	1.035	0.0		
1916	17.600	1.035	0.0		
1917	17.850	1.035	0.0		
1918	0.350	1.265	0.0		
1919	0.600	1.265	0.0		
1920	0.850	1.265	0.0		
1921	1.100	1.265	0.0		
1922	1.350	1.265	0.0		
1923	1.600	1.265	0.0		
1924	1.850	1.265	0.0		
1925	2.100	1.265	0.0		
1926	2.350	1.265	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1927	2.600	1.265	0.0		
1928	2.850	1.265	0.0		
1929	3.100	1.265	0.0		
1930	3.350	1.265	0.0		
1931	3.850	1.265	0.0		
1932	4.100	1.265	0.0		
1933	4.350	1.265	0.0		
1934	4.600	1.265	0.0		
1935	4.850	1.265	0.0		
1936	5.100	1.265	0.0		
1937	5.350	1.265	0.0		
1938	5.600	1.265	0.0		
1939	5.850	1.265	0.0		
1940	6.100	1.265	0.0		
1941	6.350	1.265	0.0		
1942	6.600	1.265	0.0		
1943	6.850	1.265	0.0		
1944	7.350	1.265	0.0		
1945	7.600	1.265	0.0		
1946	7.850	1.265	0.0		
1947	8.100	1.265	0.0		
1948	8.350	1.265	0.0		
1949	8.600	1.265	0.0		
1950	8.850	1.265	0.0		
1951	9.100	1.265	0.0		
1952	9.350	1.265	0.0		
1953	9.600	1.265	0.0		
1954	9.850	1.265	0.0		
1955	10.100	1.265	0.0		
1956	10.350	1.265	0.0		
1957	10.600	1.265	0.0		
1958	11.100	1.265	0.0		
1959	11.350	1.265	0.0		
1960	11.600	1.265	0.0		
1961	11.850	1.265	0.0		
1962	12.100	1.265	0.0		
1963	12.350	1.265	0.0		
1964	12.600	1.265	0.0		
1965	12.850	1.265	0.0		
1966	13.100	1.265	0.0		
1967	13.350	1.265	0.0		
1968	13.600	1.265	0.0		
1969	13.850	1.265	0.0		
1970	14.100	1.265	0.0		
1971	14.850	1.265	0.0		
1972	15.100	1.265	0.0		
1973	15.350	1.265	0.0		
1974	15.600	1.265	0.0		
1975	15.850	1.265	0.0		
1976	16.100	1.265	0.0		
1977	16.350	1.265	0.0		
1978	16.600	1.265	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
1979	16.850	1.265	0.0		
1980	17.100	1.265	0.0		
1981	17.350	1.265	0.0		
1982	17.600	1.265	0.0		
1983	17.850	1.265	0.0		
1984	0.350	1.495	0.0		
1985	0.600	1.495	0.0		
1986	0.850	1.495	0.0		
1987	1.100	1.495	0.0		
1988	1.350	1.495	0.0		
1989	1.600	1.495	0.0		
1990	1.850	1.495	0.0		
1991	2.100	1.495	0.0		
1992	2.350	1.495	0.0		
1993	2.600	1.495	0.0		
1994	2.850	1.495	0.0		
1995	3.100	1.495	0.0		
1996	3.350	1.495	0.0		
1997	3.850	1.495	0.0		
1998	4.100	1.495	0.0		
1999	4.350	1.495	0.0		
2000	4.600	1.495	0.0		
2001	4.850	1.495	0.0		
2002	5.100	1.495	0.0		
2003	5.350	1.495	0.0		
2004	5.600	1.495	0.0		
2005	5.850	1.495	0.0		
2006	6.100	1.495	0.0		
2007	6.350	1.495	0.0		
2008	6.600	1.495	0.0		
2009	6.850	1.495	0.0		
2010	7.350	1.495	0.0		
2011	7.600	1.495	0.0		
2012	7.850	1.495	0.0		
2013	8.100	1.495	0.0		
2014	8.350	1.495	0.0		
2015	8.600	1.495	0.0		
2016	8.850	1.495	0.0		
2017	9.100	1.495	0.0		
2018	9.350	1.495	0.0		
2019	9.600	1.495	0.0		
2020	9.850	1.495	0.0		
2021	10.100	1.495	0.0		
2022	10.350	1.495	0.0		
2023	10.600	1.495	0.0		
2024	11.100	1.495	0.0		
2025	11.350	1.495	0.0		
2026	11.600	1.495	0.0		
2027	11.850	1.495	0.0		
2028	12.100	1.495	0.0		
2029	12.350	1.495	0.0		
2030	12.600	1.495	0.0		

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Node	X (m)	Y (m)	Z (m)	Support code	Support
2031	12.850	1.495	0.0		
2032	13.100	1.495	0.0		
2033	13.350	1.495	0.0		
2034	13.600	1.495	0.0		
2035	13.850	1.495	0.0		
2036	14.100	1.495	0.0		
2037	14.850	1.495	0.0		
2038	15.100	1.495	0.0		
2039	15.350	1.495	0.0		
2040	15.600	1.495	0.0		
2041	15.850	1.495	0.0		
2042	16.100	1.495	0.0		
2043	16.350	1.495	0.0		
2044	16.600	1.495	0.0		
2045	16.850	1.495	0.0		
2046	17.100	1.495	0.0		
2047	17.350	1.495	0.0		
2048	17.600	1.495	0.0		
2049	17.850	1.495	0.0		
2050	0.350	1.725	0.0		
2051	0.600	1.725	0.0		
2052	0.850	1.725	0.0		
2053	1.100	1.725	0.0		
2054	1.350	1.725	0.0		
2055	1.600	1.725	0.0		
2056	1.850	1.725	0.0		
2057	2.100	1.725	0.0		
2058	2.350	1.725	0.0		
2059	2.600	1.725	0.0		
2060	2.850	1.725	0.0		
2061	3.100	1.725	0.0		
2062	3.350	1.725	0.0		
2063	3.850	1.725	0.0		
2064	4.100	1.725	0.0		
2065	4.350	1.725	0.0		
2066	4.600	1.725	0.0		
2067	4.850	1.725	0.0		
2068	5.100	1.725	0.0		
2069	5.350	1.725	0.0		
2070	5.600	1.725	0.0		
2071	5.850	1.725	0.0		
2072	6.100	1.725	0.0		
2073	6.350	1.725	0.0		
2074	6.600	1.725	0.0		
2075	6.850	1.725	0.0		
2076	7.350	1.725	0.0		
2077	7.600	1.725	0.0		
2078	7.850	1.725	0.0		
2079	8.100	1.725	0.0		
2080	8.350	1.725	0.0		
2081	8.600	1.725	0.0		
2082	8.850	1.725	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2083	9.100	1.725	0.0		
2084	9.350	1.725	0.0		
2085	9.600	1.725	0.0		
2086	9.850	1.725	0.0		
2087	10.100	1.725	0.0		
2088	10.350	1.725	0.0		
2089	10.600	1.725	0.0		
2090	11.100	1.725	0.0		
2091	11.350	1.725	0.0		
2092	11.600	1.725	0.0		
2093	11.850	1.725	0.0		
2094	12.100	1.725	0.0		
2095	12.350	1.725	0.0		
2096	12.600	1.725	0.0		
2097	12.850	1.725	0.0		
2098	13.100	1.725	0.0		
2099	13.350	1.725	0.0		
2100	13.600	1.725	0.0		
2101	13.850	1.725	0.0		
2102	14.100	1.725	0.0		
2103	14.850	1.725	0.0		
2104	15.100	1.725	0.0		
2105	15.350	1.725	0.0		
2106	15.600	1.725	0.0		
2107	15.850	1.725	0.0		
2108	16.100	1.725	0.0		
2109	16.350	1.725	0.0		
2110	16.600	1.725	0.0		
2111	16.850	1.725	0.0		
2112	17.100	1.725	0.0		
2113	17.350	1.725	0.0		
2114	17.600	1.725	0.0		
2115	17.850	1.725	0.0		
2116	0.350	1.954	0.0		
2117	0.600	1.954	0.0		
2118	0.850	1.954	0.0		
2119	1.100	1.954	0.0		
2120	1.350	1.954	0.0		
2121	1.600	1.954	0.0		
2122	1.850	1.954	0.0		
2123	2.100	1.954	0.0		
2124	2.350	1.954	0.0		
2125	2.600	1.954	0.0		
2126	2.850	1.954	0.0		
2127	3.100	1.954	0.0		
2128	3.350	1.954	0.0		
2129	3.850	1.954	0.0		
2130	4.100	1.954	0.0		
2131	4.350	1.954	0.0		
2132	4.600	1.954	0.0		
2133	4.850	1.954	0.0		
2134	5.100	1.954	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2135	5.350	1.954	0.0		
2136	5.600	1.954	0.0		
2137	5.850	1.954	0.0		
2138	6.100	1.954	0.0		
2139	6.350	1.954	0.0		
2140	6.600	1.954	0.0		
2141	6.850	1.954	0.0		
2142	7.350	1.954	0.0		
2143	7.600	1.954	0.0		
2144	7.850	1.954	0.0		
2145	8.100	1.954	0.0		
2146	8.350	1.954	0.0		
2147	8.600	1.954	0.0		
2148	8.850	1.954	0.0		
2149	9.100	1.954	0.0		
2150	9.350	1.954	0.0		
2151	9.600	1.954	0.0		
2152	9.850	1.954	0.0		
2153	10.100	1.954	0.0		
2154	10.350	1.954	0.0		
2155	10.600	1.954	0.0		
2156	11.100	1.954	0.0		
2157	11.350	1.954	0.0		
2158	11.600	1.954	0.0		
2159	11.850	1.954	0.0		
2160	12.100	1.954	0.0		
2161	12.350	1.954	0.0		
2162	12.600	1.954	0.0		
2163	12.850	1.954	0.0		
2164	13.100	1.954	0.0		
2165	13.350	1.954	0.0		
2166	13.600	1.954	0.0		
2167	13.850	1.954	0.0		
2168	14.100	1.954	0.0		
2169	14.850	1.954	0.0		
2170	15.100	1.954	0.0		
2171	15.350	1.954	0.0		
2172	15.600	1.954	0.0		
2173	15.850	1.954	0.0		
2174	16.100	1.954	0.0		
2175	16.350	1.954	0.0		
2176	16.600	1.954	0.0		
2177	16.850	1.954	0.0		
2178	17.100	1.954	0.0		
2179	17.350	1.954	0.0		
2180	17.600	1.954	0.0		
2181	17.850	1.954	0.0		
2182	0.350	2.184	0.0		
2183	0.600	2.184	0.0		
2184	0.850	2.184	0.0		
2185	1.100	2.184	0.0		
2186	1.350	2.184	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2187	1.600	2.184	0.0		
2188	1.850	2.184	0.0		
2189	2.100	2.184	0.0		
2190	2.350	2.184	0.0		
2191	2.600	2.184	0.0		
2192	2.850	2.184	0.0		
2193	3.100	2.184	0.0		
2194	3.350	2.184	0.0		
2195	3.850	2.184	0.0		
2196	4.100	2.184	0.0		
2197	4.350	2.184	0.0		
2198	4.600	2.184	0.0		
2199	4.850	2.184	0.0		
2200	5.100	2.184	0.0		
2201	5.350	2.184	0.0		
2202	5.600	2.184	0.0		
2203	5.850	2.184	0.0		
2204	6.100	2.184	0.0		
2205	6.350	2.184	0.0		
2206	6.600	2.184	0.0		
2207	6.850	2.184	0.0		
2208	7.350	2.184	0.0		
2209	7.600	2.184	0.0		
2210	7.850	2.184	0.0		
2211	8.100	2.184	0.0		
2212	8.350	2.184	0.0		
2213	8.600	2.184	0.0		
2214	8.850	2.184	0.0		
2215	9.100	2.184	0.0		
2216	9.350	2.184	0.0		
2217	9.600	2.184	0.0		
2218	9.850	2.184	0.0		
2219	10.100	2.184	0.0		
2220	10.350	2.184	0.0		
2221	10.600	2.184	0.0		
2222	11.100	2.184	0.0		
2223	11.350	2.184	0.0		
2224	11.600	2.184	0.0		
2225	11.850	2.184	0.0		
2226	12.100	2.184	0.0		
2227	12.350	2.184	0.0		
2228	12.600	2.184	0.0		
2229	12.850	2.184	0.0		
2230	13.100	2.184	0.0		
2231	13.350	2.184	0.0		
2232	13.600	2.184	0.0		
2233	13.850	2.184	0.0		
2234	14.100	2.184	0.0		
2235	14.850	2.184	0.0		
2236	15.100	2.184	0.0		
2237	15.350	2.184	0.0		
2238	15.600	2.184	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2239	15.850	2.184	0.0		
2240	16.100	2.184	0.0		
2241	16.350	2.184	0.0		
2242	16.600	2.184	0.0		
2243	16.850	2.184	0.0		
2244	17.100	2.184	0.0		
2245	17.350	2.184	0.0		
2246	17.600	2.184	0.0		
2247	17.850	2.184	0.0		
2248	0.350	2.414	0.0		
2249	0.600	2.414	0.0		
2250	0.850	2.414	0.0		
2251	1.100	2.414	0.0		
2252	1.350	2.414	0.0		
2253	1.600	2.414	0.0		
2254	1.850	2.414	0.0		
2255	2.100	2.414	0.0		
2256	2.350	2.414	0.0		
2257	2.600	2.414	0.0		
2258	2.850	2.414	0.0		
2259	3.100	2.414	0.0		
2260	3.350	2.414	0.0		
2261	3.850	2.414	0.0		
2262	4.100	2.414	0.0		
2263	4.350	2.414	0.0		
2264	4.600	2.414	0.0		
2265	4.850	2.414	0.0		
2266	5.100	2.414	0.0		
2267	5.350	2.414	0.0		
2268	5.600	2.414	0.0		
2269	5.850	2.414	0.0		
2270	6.100	2.414	0.0		
2271	6.350	2.414	0.0		
2272	6.600	2.414	0.0		
2273	6.850	2.414	0.0		
2274	7.350	2.414	0.0		
2275	7.600	2.414	0.0		
2276	7.850	2.414	0.0		
2277	8.100	2.414	0.0		
2278	8.350	2.414	0.0		
2279	8.600	2.414	0.0		
2280	8.850	2.414	0.0		
2281	9.100	2.414	0.0		
2282	9.350	2.414	0.0		
2283	9.600	2.414	0.0		
2284	9.850	2.414	0.0		
2285	10.100	2.414	0.0		
2286	10.350	2.414	0.0		
2287	10.600	2.414	0.0		
2288	11.100	2.414	0.0		
2289	11.350	2.414	0.0		
2290	11.600	2.414	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2291	11.850	2.414	0.0		
2292	12.100	2.414	0.0		
2293	12.350	2.414	0.0		
2294	12.600	2.414	0.0		
2295	12.850	2.414	0.0		
2296	13.100	2.414	0.0		
2297	13.350	2.414	0.0		
2298	13.600	2.414	0.0		
2299	13.850	2.414	0.0		
2300	14.100	2.414	0.0		
2301	14.850	2.414	0.0		
2302	15.100	2.414	0.0		
2303	15.350	2.414	0.0		
2304	15.600	2.414	0.0		
2305	15.850	2.414	0.0		
2306	16.100	2.414	0.0		
2307	16.350	2.414	0.0		
2308	16.600	2.414	0.0		
2309	16.850	2.414	0.0		
2310	17.100	2.414	0.0		
2311	17.350	2.414	0.0		
2312	17.600	2.414	0.0		
2313	17.850	2.414	0.0		
2314	0.350	2.644	0.0		
2315	0.600	2.644	0.0		
2316	0.850	2.644	0.0		
2317	1.100	2.644	0.0		
2318	1.350	2.644	0.0		
2319	1.600	2.644	0.0		
2320	1.850	2.644	0.0		
2321	2.100	2.644	0.0		
2322	2.350	2.644	0.0		
2323	2.600	2.644	0.0		
2324	2.850	2.644	0.0		
2325	3.100	2.644	0.0		
2326	3.350	2.644	0.0		
2327	3.850	2.644	0.0		
2328	4.100	2.644	0.0		
2329	4.350	2.644	0.0		
2330	4.600	2.644	0.0		
2331	4.850	2.644	0.0		
2332	5.100	2.644	0.0		
2333	5.350	2.644	0.0		
2334	5.600	2.644	0.0		
2335	5.850	2.644	0.0		
2336	6.100	2.644	0.0		
2337	6.350	2.644	0.0		
2338	6.600	2.644	0.0		
2339	6.850	2.644	0.0		
2340	7.350	2.644	0.0		
2341	7.600	2.644	0.0		
2342	7.850	2.644	0.0		

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Node	X (m)	Y (m)	Z (m)	Support code	Support
2343	8.100	2.644	0.0		
2344	8.350	2.644	0.0		
2345	8.600	2.644	0.0		
2346	8.850	2.644	0.0		
2347	9.100	2.644	0.0		
2348	9.350	2.644	0.0		
2349	9.600	2.644	0.0		
2350	9.850	2.644	0.0		
2351	10.100	2.644	0.0		
2352	10.350	2.644	0.0		
2353	10.600	2.644	0.0		
2354	11.100	2.644	0.0		
2355	11.350	2.644	0.0		
2356	11.600	2.644	0.0		
2357	11.850	2.644	0.0		
2358	12.100	2.644	0.0		
2359	12.350	2.644	0.0		
2360	12.600	2.644	0.0		
2361	12.850	2.644	0.0		
2362	13.100	2.644	0.0		
2363	13.350	2.644	0.0		
2364	13.600	2.644	0.0		
2365	13.850	2.644	0.0		
2366	14.100	2.644	0.0		
2367	14.850	2.644	0.0		
2368	15.100	2.644	0.0		
2369	15.350	2.644	0.0		
2370	15.600	2.644	0.0		
2371	15.850	2.644	0.0		
2372	16.100	2.644	0.0		
2373	16.350	2.644	0.0		
2374	16.600	2.644	0.0		
2375	16.850	2.644	0.0		
2376	17.100	2.644	0.0		
2377	17.350	2.644	0.0		
2378	17.600	2.644	0.0		
2379	17.850	2.644	0.0		
2380	0.350	2.874	0.0		
2381	0.600	2.874	0.0		
2382	0.850	2.874	0.0		
2383	1.100	2.874	0.0		
2384	1.350	2.874	0.0		
2385	1.600	2.874	0.0		
2386	1.850	2.874	0.0		
2387	2.100	2.874	0.0		
2388	2.350	2.874	0.0		
2389	2.600	2.874	0.0		
2390	2.850	2.874	0.0		
2391	3.100	2.874	0.0		
2392	3.350	2.874	0.0		
2393	3.850	2.874	0.0		
2394	4.100	2.874	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2395	4.350	2.874	0.0		
2396	4.600	2.874	0.0		
2397	4.850	2.874	0.0		
2398	5.100	2.874	0.0		
2399	5.350	2.874	0.0		
2400	5.600	2.874	0.0		
2401	5.850	2.874	0.0		
2402	6.100	2.874	0.0		
2403	6.350	2.874	0.0		
2404	6.600	2.874	0.0		
2405	6.850	2.874	0.0		
2406	7.350	2.874	0.0		
2407	7.600	2.874	0.0		
2408	7.850	2.874	0.0		
2409	8.100	2.874	0.0		
2410	8.350	2.874	0.0		
2411	8.600	2.874	0.0		
2412	8.850	2.874	0.0		
2413	9.100	2.874	0.0		
2414	9.350	2.874	0.0		
2415	9.600	2.874	0.0		
2416	9.850	2.874	0.0		
2417	10.100	2.874	0.0		
2418	10.350	2.874	0.0		
2419	10.600	2.874	0.0		
2420	11.100	2.874	0.0		
2421	11.350	2.874	0.0		
2422	11.600	2.874	0.0		
2423	11.850	2.874	0.0		
2424	12.100	2.874	0.0		
2425	12.350	2.874	0.0		
2426	12.600	2.874	0.0		
2427	12.850	2.874	0.0		
2428	13.100	2.874	0.0		
2429	13.350	2.874	0.0		
2430	13.600	2.874	0.0		
2431	13.850	2.874	0.0		
2432	14.100	2.874	0.0		
2433	14.850	2.874	0.0		
2434	15.100	2.874	0.0		
2435	15.350	2.874	0.0		
2436	15.600	2.874	0.0		
2437	15.850	2.874	0.0		
2438	16.100	2.874	0.0		
2439	16.350	2.874	0.0		
2440	16.600	2.874	0.0		
2441	16.850	2.874	0.0		
2442	17.100	2.874	0.0		
2443	17.350	2.874	0.0		
2444	17.600	2.874	0.0		
2445	17.850	2.874	0.0		
2446	0.350	3.103	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2447	0.600	3.103	0.0		
2448	0.850	3.103	0.0		
2449	1.100	3.103	0.0		
2450	1.350	3.103	0.0		
2451	1.600	3.103	0.0		
2452	1.850	3.103	0.0		
2453	2.100	3.103	0.0		
2454	2.350	3.103	0.0		
2455	2.600	3.103	0.0		
2456	2.850	3.103	0.0		
2457	3.100	3.103	0.0		
2458	3.350	3.103	0.0		
2459	3.850	3.103	0.0		
2460	4.100	3.103	0.0		
2461	4.350	3.103	0.0		
2462	4.600	3.103	0.0		
2463	4.850	3.103	0.0		
2464	5.100	3.103	0.0		
2465	5.350	3.103	0.0		
2466	5.600	3.103	0.0		
2467	5.850	3.103	0.0		
2468	6.100	3.103	0.0		
2469	6.350	3.103	0.0		
2470	6.600	3.103	0.0		
2471	6.850	3.103	0.0		
2472	7.350	3.103	0.0		
2473	7.600	3.103	0.0		
2474	7.850	3.103	0.0		
2475	8.100	3.103	0.0		
2476	8.350	3.103	0.0		
2477	8.600	3.103	0.0		
2478	8.850	3.103	0.0		
2479	9.100	3.103	0.0		
2480	9.350	3.103	0.0		
2481	9.600	3.103	0.0		
2482	9.850	3.103	0.0		
2483	10.100	3.103	0.0		
2484	10.350	3.103	0.0		
2485	10.600	3.103	0.0		
2486	11.100	3.103	0.0		
2487	11.350	3.103	0.0		
2488	11.600	3.103	0.0		
2489	11.850	3.103	0.0		
2490	12.100	3.103	0.0		
2491	12.350	3.103	0.0		
2492	12.600	3.103	0.0		
2493	12.850	3.103	0.0		
2494	13.100	3.103	0.0		
2495	13.350	3.103	0.0		
2496	13.600	3.103	0.0		
2497	13.850	3.103	0.0		
2498	14.100	3.103	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2499	14.850	3.103	0.0		
2500	15.100	3.103	0.0		
2501	15.350	3.103	0.0		
2502	15.600	3.103	0.0		
2503	15.850	3.103	0.0		
2504	16.100	3.103	0.0		
2505	16.350	3.103	0.0		
2506	16.600	3.103	0.0		
2507	16.850	3.103	0.0		
2508	17.100	3.103	0.0		
2509	17.350	3.103	0.0		
2510	17.600	3.103	0.0		
2511	17.850	3.103	0.0		
2512	0.350	3.333	0.0		
2513	0.600	3.333	0.0		
2514	0.850	3.333	0.0		
2515	1.100	3.333	0.0		
2516	1.350	3.333	0.0		
2517	1.600	3.333	0.0		
2518	1.850	3.333	0.0		
2519	2.100	3.333	0.0		
2520	2.350	3.333	0.0		
2521	2.600	3.333	0.0		
2522	2.850	3.333	0.0		
2523	3.100	3.333	0.0		
2524	3.350	3.333	0.0		
2525	3.850	3.333	0.0		
2526	4.100	3.333	0.0		
2527	4.350	3.333	0.0		
2528	4.600	3.333	0.0		
2529	4.850	3.333	0.0		
2530	5.100	3.333	0.0		
2531	5.350	3.333	0.0		
2532	5.600	3.333	0.0		
2533	5.850	3.333	0.0		
2534	6.100	3.333	0.0		
2535	6.350	3.333	0.0		
2536	6.600	3.333	0.0		
2537	6.850	3.333	0.0		
2538	7.350	3.333	0.0		
2539	7.600	3.333	0.0		
2540	7.850	3.333	0.0		
2541	8.100	3.333	0.0		
2542	8.350	3.333	0.0		
2543	8.600	3.333	0.0		
2544	8.850	3.333	0.0		
2545	9.100	3.333	0.0		
2546	9.350	3.333	0.0		
2547	9.600	3.333	0.0		
2548	9.850	3.333	0.0		
2549	10.100	3.333	0.0		
2550	10.350	3.333	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2551	10.600	3.333	0.0		
2552	11.100	3.333	0.0		
2553	11.350	3.333	0.0		
2554	11.600	3.333	0.0		
2555	11.850	3.333	0.0		
2556	12.100	3.333	0.0		
2557	12.350	3.333	0.0		
2558	12.600	3.333	0.0		
2559	12.850	3.333	0.0		
2560	13.100	3.333	0.0		
2561	13.350	3.333	0.0		
2562	13.600	3.333	0.0		
2563	13.850	3.333	0.0		
2564	14.100	3.333	0.0		
2565	14.850	3.333	0.0		
2566	15.100	3.333	0.0		
2567	15.350	3.333	0.0		
2568	15.600	3.333	0.0		
2569	15.850	3.333	0.0		
2570	16.100	3.333	0.0		
2571	16.350	3.333	0.0		
2572	16.600	3.333	0.0		
2573	16.850	3.333	0.0		
2574	17.100	3.333	0.0		
2575	17.350	3.333	0.0		
2576	17.600	3.333	0.0		
2577	17.850	3.333	0.0		
2578	0.350	3.563	0.0		
2579	0.600	3.563	0.0		
2580	0.850	3.563	0.0		
2581	1.100	3.563	0.0		
2582	1.350	3.563	0.0		
2583	1.600	3.563	0.0		
2584	1.850	3.563	0.0		
2585	2.100	3.563	0.0		
2586	2.350	3.563	0.0		
2587	2.600	3.563	0.0		
2588	2.850	3.563	0.0		
2589	3.100	3.563	0.0		
2590	3.350	3.563	0.0		
2591	3.850	3.563	0.0		
2592	4.100	3.563	0.0		
2593	4.350	3.563	0.0		
2594	4.600	3.563	0.0		
2595	4.850	3.563	0.0		
2596	5.100	3.563	0.0		
2597	5.350	3.563	0.0		
2598	5.600	3.563	0.0		
2599	5.850	3.563	0.0		
2600	6.100	3.563	0.0		
2601	6.350	3.563	0.0		
2602	6.600	3.563	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2603	6.850	3.563	0.0		
2604	7.350	3.563	0.0		
2605	7.600	3.563	0.0		
2606	7.850	3.563	0.0		
2607	8.100	3.563	0.0		
2608	8.350	3.563	0.0		
2609	8.600	3.563	0.0		
2610	8.850	3.563	0.0		
2611	9.100	3.563	0.0		
2612	9.350	3.563	0.0		
2613	9.600	3.563	0.0		
2614	9.850	3.563	0.0		
2615	10.100	3.563	0.0		
2616	10.350	3.563	0.0		
2617	10.600	3.563	0.0		
2618	11.100	3.563	0.0		
2619	11.350	3.563	0.0		
2620	11.600	3.563	0.0		
2621	11.850	3.563	0.0		
2622	12.100	3.563	0.0		
2623	12.350	3.563	0.0		
2624	12.600	3.563	0.0		
2625	12.850	3.563	0.0		
2626	13.100	3.563	0.0		
2627	13.350	3.563	0.0		
2628	13.600	3.563	0.0		
2629	13.850	3.563	0.0		
2630	14.100	3.563	0.0		
2631	14.850	3.563	0.0		
2632	15.100	3.563	0.0		
2633	15.350	3.563	0.0		
2634	15.600	3.563	0.0		
2635	15.850	3.563	0.0		
2636	16.100	3.563	0.0		
2637	16.350	3.563	0.0		
2638	16.600	3.563	0.0		
2639	16.850	3.563	0.0		
2640	17.100	3.563	0.0		
2641	17.350	3.563	0.0		
2642	17.600	3.563	0.0		
2643	17.850	3.563	0.0		
2644	0.350	3.793	0.0		
2645	0.600	3.793	0.0		
2646	0.850	3.793	0.0		
2647	1.100	3.793	0.0		
2648	1.350	3.793	0.0		
2649	1.600	3.793	0.0		
2650	1.850	3.793	0.0		
2651	2.100	3.793	0.0		
2652	2.350	3.793	0.0		
2653	2.600	3.793	0.0		
2654	2.850	3.793	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2655	3.100	3.793	0.0		
2656	3.350	3.793	0.0		
2657	3.850	3.793	0.0		
2658	4.100	3.793	0.0		
2659	4.350	3.793	0.0		
2660	4.600	3.793	0.0		
2661	4.850	3.793	0.0		
2662	5.100	3.793	0.0		
2663	5.350	3.793	0.0		
2664	5.600	3.793	0.0		
2665	5.850	3.793	0.0		
2666	6.100	3.793	0.0		
2667	6.350	3.793	0.0		
2668	6.600	3.793	0.0		
2669	6.850	3.793	0.0		
2670	7.350	3.793	0.0		
2671	7.600	3.793	0.0		
2672	7.850	3.793	0.0		
2673	8.100	3.793	0.0		
2674	8.350	3.793	0.0		
2675	8.600	3.793	0.0		
2676	8.850	3.793	0.0		
2677	9.100	3.793	0.0		
2678	9.350	3.793	0.0		
2679	9.600	3.793	0.0		
2680	9.850	3.793	0.0		
2681	10.100	3.793	0.0		
2682	10.350	3.793	0.0		
2683	10.600	3.793	0.0		
2684	11.100	3.793	0.0		
2685	11.350	3.793	0.0		
2686	11.600	3.793	0.0		
2687	11.850	3.793	0.0		
2688	12.100	3.793	0.0		
2689	12.350	3.793	0.0		
2690	12.600	3.793	0.0		
2691	12.850	3.793	0.0		
2692	13.100	3.793	0.0		
2693	13.350	3.793	0.0		
2694	13.600	3.793	0.0		
2695	13.850	3.793	0.0		
2696	14.100	3.793	0.0		
2697	14.850	3.793	0.0		
2698	15.100	3.793	0.0		
2699	15.350	3.793	0.0		
2700	15.600	3.793	0.0		
2701	15.850	3.793	0.0		
2702	16.100	3.793	0.0		
2703	16.350	3.793	0.0		
2704	16.600	3.793	0.0		
2705	16.850	3.793	0.0		
2706	17.100	3.793	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2707	17.350	3.793	0.0		
2708	17.600	3.793	0.0		
2709	17.850	3.793	0.0		
2710	0.350	4.023	0.0		
2711	0.600	4.023	0.0		
2712	0.850	4.023	0.0		
2713	1.100	4.023	0.0		
2714	1.350	4.023	0.0		
2715	1.600	4.023	0.0		
2716	1.850	4.023	0.0		
2717	2.100	4.023	0.0		
2718	2.350	4.023	0.0		
2719	2.600	4.023	0.0		
2720	2.850	4.023	0.0		
2721	3.100	4.023	0.0		
2722	3.350	4.023	0.0		
2723	3.850	4.023	0.0		
2724	4.100	4.023	0.0		
2725	4.350	4.023	0.0		
2726	4.600	4.023	0.0		
2727	4.850	4.023	0.0		
2728	5.100	4.023	0.0		
2729	5.350	4.023	0.0		
2730	5.600	4.023	0.0		
2731	5.850	4.023	0.0		
2732	6.100	4.023	0.0		
2733	6.350	4.023	0.0		
2734	6.600	4.023	0.0		
2735	6.850	4.023	0.0		
2736	7.350	4.023	0.0		
2737	7.600	4.023	0.0		
2738	7.850	4.023	0.0		
2739	8.100	4.023	0.0		
2740	8.350	4.023	0.0		
2741	8.600	4.023	0.0		
2742	8.850	4.023	0.0		
2743	9.100	4.023	0.0		
2744	9.350	4.023	0.0		
2745	9.600	4.023	0.0		
2746	9.850	4.023	0.0		
2747	10.100	4.023	0.0		
2748	10.350	4.023	0.0		
2749	10.600	4.023	0.0		
2750	11.100	4.023	0.0		
2751	11.350	4.023	0.0		
2752	11.600	4.023	0.0		
2753	11.850	4.023	0.0		
2754	12.100	4.023	0.0		
2755	12.350	4.023	0.0		
2756	12.600	4.023	0.0		
2757	12.850	4.023	0.0		
2758	13.100	4.023	0.0		

Node	X (m)	Y (m)	Z (m)	Support code	Support
2759	13.350	4.023	0.0		
2760	13.600	4.023	0.0		
2761	13.850	4.023	0.0		
2762	14.100	4.023	0.0		
2763	14.850	4.023	0.0		
2764	15.100	4.023	0.0		
2765	15.350	4.023	0.0		
2766	15.600	4.023	0.0		
2767	15.850	4.023	0.0		
2768	16.100	4.023	0.0		
2769	16.350	4.023	0.0		
2770	16.600	4.023	0.0		
2771	16.850	4.023	0.0		
2772	17.100	4.023	0.0		
2773	17.350	4.023	0.0		
2774	17.600	4.023	0.0		
2775	17.850	4.023	0.0		

Data - Members

Member	Node 1	Node 2	Section	Material
101	100	101	VTRANSV-JUNTA	S 275
103	101	102	VTRANSV-JUNTA	S 275
201	200	201	VTRANSV-TIPO	S 275
202	201	202	VTRANSV-TIPO	S 275
301	300	301	VTRANSV-TIPO	S 275
302	301	302	VTRANSV-TIPO	S 275
401	400	401	VTRANSV-TIPO	S 275
402	401	402	VTRANSV-TIPO	S 275
501	500	501	VTRANSV-TIPO	S 275
502	501	502	VTRANSV-TIPO	S 275
601	600	601	VTRANSV-TIPO	S 275
602	601	602	VTRANSV-TIPO	S 275

Member	Length (m)	Gamma (Rad)	Type
101	4.500	0.0	DIM_VTRANSV
103	4.500	0.0	DIM_VTRANSV
201	4.500	0.0	DIM_VTRANSV
202	4.500	0.0	DIM_VTRANSV
301	4.500	0.0	DIM_VTRANSV
302	4.500	0.0	DIM_VTRANSV
401	4.500	0.0	DIM_VTRANSV
402	4.500	0.0	DIM_VTRANSV
501	4.500	0.0	DIM_VTRANSV
502	4.500	0.0	DIM_VTRANSV
601	4.500	0.0	DIM_VTRANSV
602	4.500	0.0	DIM_VTRANSV

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Author:
File: **MEF_Arco Río Cabe-Monforte_3D_LOSA TABLERO_v00.rtd**
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Project: MEF_Arco Río Cabe-Monforte_3D-LOSA TABLERO_v00

Data - Sections

Section name	Member list	AX (cm2)	AY (cm2)
VTRANSV-TIPO	201to601By100 202to602By100	848.1	757.5
VTRANSV-JUNTA	101 103	886.8	775.0

Section name	AZ (cm2)	IX (cm4)	IY (cm4)	IZ (cm4)
VTRANSV-TIPO	90.6	66300.2	754593.7	42964.0
VTRANSV-JUNTA	111.8	66424.1	880162.2	44760.5

Data - Materials

	Material	E (MPa)	G (MPa)	NI	LX (1/°C)	RO (kN/m3)	Re (MPa)
1	S 275	210000.00	81000.00	0.30	0.0	77.0	275.00
2	C30/37	33000.00	13333.33	0.20	0.0	24.5	30.00

Data - Supports

Support name	List of nodes	List of edges	List of objects	Support conditions
Apoyos	100to600By100 102to602By100			UX UY UZ RY RZ

Loads - Cases

Case	Label	Case name
100	100	PP
201	201	CMpav
202	202	CMbarrera
401	401	UDL-01
402	402	UDL-02
403	403	UDL-03
404	404	UDL-04
405	405	UDL-05
501	501	CA-01
502	502	CA-02
503	503	CA-03
504	504	CA-04
505	505	CA-05
506	506	CA-06
901	901	PRU_CARRO-1EJE
902	902	PRU_CARRO-2EJES
1001		ELU-CPERMmin
1002		ELU-CPERMmax
1011		ELS-QPERMmin
1012		ELS-QPERMmax
2001		SC+CA_01
2002		SC+CA_02
2003		SC+CA_03
2004		SC+CA_04
2005		SC+CA_05
2006		SC+CA_06
10001		ELU-C01
10002		ELU-C02
10003		ELU-C03
10004		ELU-C04
10005		ELU-C05
10006		ELU-C06
10007		ELU-C07
10008		ELU-C08
10009		ELU-C09
10010		ELU-C10
10011		ELU-C11
10012		ELU-C12

Case	Nature	Analysis type
100	Structural	Static - Linear
201	Structural	Static - Linear
202	Structural	Static - Linear
401	Category F	Static - Linear
402	Category F	Static - Linear
403	Category F	Static - Linear
404	Category F	Static - Linear
405	Category F	Static - Linear
501	Category G	Static - Linear

Case	Nature	Analysis type
502	Category G	Static - Linear
503	Category G	Static - Linear
504	Category G	Static - Linear
505	Category G	Static - Linear
506	Category G	Static - Linear
901	Category G	Static - Linear
902	Category G	Static - Linear
1001	Structural	Linear Combination
1002	Structural	Linear Combination
1011	Structural	Linear Combination
1012	Structural	Linear Combination
2001	Structural	Linear Combination
2002	Structural	Linear Combination
2003	Structural	Linear Combination
2004	Structural	Linear Combination
2005	Structural	Linear Combination
2006	Structural	Linear Combination
10001	Structural	Linear Combination
10002	Structural	Linear Combination
10003	Structural	Linear Combination
10004	Structural	Linear Combination
10005	Structural	Linear Combination
10006	Structural	Linear Combination
10007	Structural	Linear Combination
10008	Structural	Linear Combination
10009	Structural	Linear Combination
10010	Structural	Linear Combination
10011	Structural	Linear Combination
10012	Structural	Linear Combination

Loads - Values

Case	Load type	List
100	self-weight	100
201	(FE) planar on contour	100
202	(FE) planar on contour	100
202	(FE) planar on contour	100
401	(FE) planar on contour	100
401	(FE) planar on contour	100
402	(FE) planar on contour	100
402	(FE) planar on contour	100
403	(FE) planar on contour	100
403	(FE) planar on contour	100
404	(FE) planar on contour	100
404	(FE) planar on contour	100
405	(FE) planar on contour	100
405	(FE) planar on contour	100
501	(FE) planar on contour	100
501	(FE) planar on contour	100
501	(FE) planar on contour	100
501	(FE) planar on contour	100
502	(FE) planar on contour	100
502	(FE) planar on contour	100
502	(FE) planar on contour	100
502	(FE) planar on contour	100
503	(FE) planar on contour	100
503	(FE) planar on contour	100
503	(FE) planar on contour	100
503	(FE) planar on contour	100
504	(FE) planar on contour	100
504	(FE) planar on contour	100
504	(FE) planar on contour	100
504	(FE) planar on contour	100
505	(FE) planar on contour	100
505	(FE) planar on contour	100
505	(FE) planar on contour	100
505	(FE) planar on contour	100
506	(FE) planar on contour	100
506	(FE) planar on contour	100
506	(FE) planar on contour	100
506	(FE) planar on contour	100
901	(FE) planar on contour	100
901	(FE) planar on contour	100
901	(FE) planar on contour	100
901	(FE) planar on contour	100
902	(FE) planar on contour	100
902	(FE) planar on contour	100
902	(FE) planar on contour	100
902	(FE) planar on contour	100
902	(FE) planar on contour	100
902	(FE) planar on contour	100

Case	Load type	List
902	(FE) planar on contour	100
902	(FE) planar on contour	100

Case	Load values
100	PZ Negative Factor=1.00
201	PZ1=-1.4(kN/m2) P1(-0.4, -3.6, 0) P2(18.1, -3.6, 0) P3(18.1, 3.6, 0) P4(-0.4, 3.6, 0)
202	PZ1=-7.7(kN/m2) P1(-0.4, -4.25, 0) P2(18.1, -4.25, 0) P3(18.1, -3.6, 0) P4(-0.4, -3.6, 0)
202	PZ1=-7.7(kN/m2) P1(-0.4, 3.6, 0) P2(18.1, 3.6, 0) P3(18.1, 4.25, 0) P4(-0.4, 4.25, 0)
401	PZ1=-2.5(kN/m2) P1(-0.4, -3.6, 0) P2(3.56, -3.6, 0) P3(3.56, 0.6, 0) P4(-0.4, 0.6, 0)
401	PZ1=-9.0(kN/m2) P1(-0.4, 0.6, 0) P2(3.57, 0.6, 0) P3(3.57, 3.6, 0) P4(-0.4, 3.6, 0)
402	PZ1=-2.5(kN/m2) P1(3.56, -3.6, 0) P2(7.15, -3.6, 0) P3(7.15, 0.6, 0) P4(3.57, 0.6, 0)
402	PZ1=-9.0(kN/m2) P1(3.57, 0.6, 0) P2(7.15, 0.6, 0) P3(7.15, 3.6, 0) P4(3.57, 3.6, 0)
403	PZ1=-2.5(kN/m2) P1(7.15, -3.6, 0) P2(10.8, -3.6, 0) P3(10.8, 0.6, 0) P4(7.15, 0.6, 0)
403	PZ1=-9.0(kN/m2) P1(7.15, 0.6, 0) P2(10.8, 0.6, 0) P3(10.8, 3.6, 0) P4(7.15, 3.6, 0)
404	PZ1=-2.5(kN/m2) P1(10.8, -3.6, 0) P2(14.4, -3.6, 0) P3(14.5, 0.6, 0) P4(10.8, 0.6, 0)
404	PZ1=-9.0(kN/m2) P1(10.8, 0.6, 0) P2(14.5, 0.6, 0) P3(14.5, 3.6, 0) P4(10.8, 3.6, 0)
405	PZ1=-2.5(kN/m2) P1(14.4, -3.6, 0) P2(18.1, -3.6, 0) P3(18.1, 0.6, 0) P4(14.5, 0.6, 0)
405	PZ1=-9.0(kN/m2) P1(14.4, 0.6, 0) P2(18.1, 0.6, 0) P3(18.1, 3.6, 0) P4(14.5, 3.6, 0)
501	PZ1=-1250.0(kN/m2) P1(0, -1.85, 0) P2(0.4, -1.85, 0) P3(0.4, -1.45, 0) P4(0, -1.45, 0)
501	PZ1=-1250.0(kN/m2) P1(0, 0.15, 0) P2(0.4, 0.15, 0) P3(0.4, 0.55, 0) P4(0, 0.55, 0)
501	PZ1=-1250.0(kN/m2) P1(0, 0.65, 0) P2(0.4, 0.65, 0) P3(0.4, 1.05, 0) P4(0, 1.05, 0)
501	PZ1=-1250.0(kN/m2) P1(0, 2.65, 0) P2(0.4, 2.65, 0) P3(0.4, 3.05, 0) P4(0, 3.05, 0)
502	PZ1=-1250.0(kN/m2) P1(1.58, -1.85, 0) P2(1.98, -1.85, 0) P3(1.98, -1.45, 0) P4(1.58, -1.45, 0)
502	PZ1=-1250.0(kN/m2) P1(1.58, 0.15, 0) P2(1.98, 0.15, 0) P3(1.98, 0.55, 0) P4(1.58, 0.55, 0)
502	PZ1=-1250.0(kN/m2) P1(1.58, 0.65, 0) P2(1.98, 0.65, 0) P3(1.98, 1.05, 0) P4(1.58, 1.05, 0)
502	PZ1=-1250.0(kN/m2) P1(1.58, 2.65, 0) P2(1.98, 2.65, 0) P3(1.98, 3.05, 0) P4(1.58, 3.05, 0)
503	PZ1=-1250.0(kN/m2) P1(3.17, -1.85, 0) P2(3.56, -1.85, 0) P3(3.56, -1.45, 0) P4(3.17, -1.45, 0)
503	PZ1=-1250.0(kN/m2) P1(3.17, 0.15, 0) P2(3.56, 0.15, 0) P3(3.56, 0.55, 0) P4(3.17, 0.55, 0)
503	PZ1=-1250.0(kN/m2) P1(3.17, 0.65, 0) P2(3.56, 0.65, 0) P3(3.56, 1.05, 0) P4(3.17, 1.05, 0)
503	PZ1=-1250.0(kN/m2) P1(3.17, 2.65, 0) P2(3.56, 2.65, 0) P3(3.56, 3.05, 0) P4(3.17, 3.05, 0)
504	PZ1=-1250.0(kN/m2) P1(3.56, -1.85, 0) P2(3.96, -1.85, 0) P3(3.96, -1.45, 0) P4(3.56, -1.45, 0)
504	PZ1=-1250.0(kN/m2) P1(3.56, 0.15, 0) P2(3.96, 0.15, 0) P3(3.96, 0.55, 0) P4(3.56, 0.55, 0)
504	PZ1=-1250.0(kN/m2) P1(3.56, 0.65, 0) P2(3.96, 0.65, 0) P3(3.96, 1.05, 0) P4(3.56, 1.05, 0)
504	PZ1=-1250.0(kN/m2) P1(3.56, 2.65, 0) P2(3.96, 2.65, 0) P3(3.96, 3.05, 0) P4(3.56, 3.05, 0)
505	PZ1=-1250.0(kN/m2) P1(5.17, -1.85, 0) P2(5.57, -1.85, 0) P3(5.57, -1.45, 0) P4(5.17, -1.45, 0)
505	PZ1=-1250.0(kN/m2) P1(5.17, 0.15, 0) P2(5.57, 0.15, 0) P3(5.57, 0.55, 0) P4(5.17, 0.55, 0)
505	PZ1=-1250.0(kN/m2) P1(5.17, 0.65, 0) P2(5.57, 0.65, 0) P3(5.57, 1.05, 0) P4(5.17, 1.05, 0)
505	PZ1=-1250.0(kN/m2) P1(5.17, 2.65, 0) P2(5.57, 2.65, 0) P3(5.57, 3.05, 0) P4(5.17, 3.05, 0)
506	PZ1=-1250.0(kN/m2) P1(6.75, -1.85, 0) P2(7.15, -1.85, 0) P3(7.15, -1.45, 0) P4(6.75, -1.45, 0)
506	PZ1=-1250.0(kN/m2) P1(6.75, 0.15, 0) P2(7.15, 0.15, 0) P3(7.15, 0.55, 0) P4(6.75, 0.55, 0)
506	PZ1=-1250.0(kN/m2) P1(6.75, 0.65, 0) P2(7.15, 0.65, 0) P3(7.15, 1.05, 0) P4(6.75, 1.05, 0)
506	PZ1=-1250.0(kN/m2) P1(6.75, 2.65, 0) P2(7.15, 2.65, 0) P3(7.15, 3.05, 0) P4(6.75, 3.05, 0)
901	PZ1=-1250.0(kN/m2) P1(5.17, -1.85, 0) P2(5.57, -1.85, 0) P3(5.57, -1.45, 0) P4(5.17, -1.45, 0)
901	PZ1=-1250.0(kN/m2) P1(5.17, 0.15, 0) P2(5.57, 0.15, 0) P3(5.57, 0.55, 0) P4(5.17, 0.55, 0)
901	PZ1=-1250.0(kN/m2) P1(5.17, 0.65, 0) P2(5.57, 0.65, 0) P3(5.57, 1.05, 0) P4(5.17, 1.05, 0)
901	PZ1=-1250.0(kN/m2) P1(5.17, 2.65, 0) P2(5.57, 2.65, 0) P3(5.57, 3.05, 0) P4(5.17, 3.05, 0)
902	PZ1=-625.0(kN/m2) P1(5.77, -1.85, 0) P2(6.17, -1.85, 0) P3(6.17, -1.45, 0) P4(5.77, -1.45, 0)
902	PZ1=-625.0(kN/m2) P1(5.77, 0.15, 0) P2(6.17, 0.15, 0) P3(6.17, 0.55, 0) P4(5.77, 0.55, 0)
902	PZ1=-937.5(kN/m2) P1(5.77, 0.65, 0) P2(6.17, 0.65, 0) P3(6.17, 1.05, 0) P4(5.77, 1.05, 0)
902	PZ1=-937.5(kN/m2) P1(5.77, 2.65, 0) P2(6.17, 2.65, 0) P3(6.17, 3.05, 0) P4(5.77, 3.05, 0)
902	PZ1=-625.0(kN/m2) P1(4.57, -1.85, 0) P2(4.97, -1.85, 0) P3(4.97, -1.45, 0) P4(4.57, -1.45, 0)
902	PZ1=-625.0(kN/m2) P1(4.57, 0.15, 0) P2(4.97, 0.15, 0) P3(4.97, 0.55, 0) P4(4.57, 0.55, 0)
902	PZ1=-937.5(kN/m2) P1(4.57, 0.65, 0) P2(4.97, 0.65, 0) P3(4.97, 1.05, 0) P4(4.57, 1.05, 0)

Case	Load values
902	PZ1=-937.5(kN/m2) P1(4.57, 2.65, 0) P2(4.97, 2.65, 0) P3(4.97, 3.05, 0) P4(4.57, 3.05, 0)

Robot Structural Analysis Professional 2023
Author:
File: **MEF_Arco Río Cabe-Monforte_3D_LOSA TABLERO_v00.rtd**
Address:
Project: MEF_Arco Río Cabe-Monforte_3D-LOSA TABLERO_v00

Combinations

Combinations	Name	Analysis type	Combination type
1001 (C)	ELU-CPERMmin	Linear Combination	ULS
1002 (C)	ELU-CPERMmax	Linear Combination	ULS
1011 (C)	ELS-QPERMmin	Linear Combination	SLS:QPR
1012 (C)	ELS-QPERMmax	Linear Combination	SLS:QPR
2001 (C)	SC+CA_01	Linear Combination	SLS:CHR
2002 (C)	SC+CA_02	Linear Combination	SLS:CHR
2003 (C)	SC+CA_03	Linear Combination	SLS:CHR
2004 (C)	SC+CA_04	Linear Combination	SLS:CHR
2005 (C)	SC+CA_05	Linear Combination	SLS:CHR
2006 (C)	SC+CA_06	Linear Combination	SLS:CHR
10001 (C)	ELU-C01	Linear Combination	ULS
10002 (C)	ELU-C02	Linear Combination	ULS
10003 (C)	ELU-C03	Linear Combination	ULS
10004 (C)	ELU-C04	Linear Combination	ULS
10005 (C)	ELU-C05	Linear Combination	ULS
10006 (C)	ELU-C06	Linear Combination	ULS
10007 (C)	ELU-C07	Linear Combination	ULS
10008 (C)	ELU-C08	Linear Combination	ULS
10009 (C)	ELU-C09	Linear Combination	ULS
10010 (C)	ELU-C10	Linear Combination	ULS
10011 (C)	ELU-C11	Linear Combination	ULS
10012 (C)	ELU-C12	Linear Combination	ULS

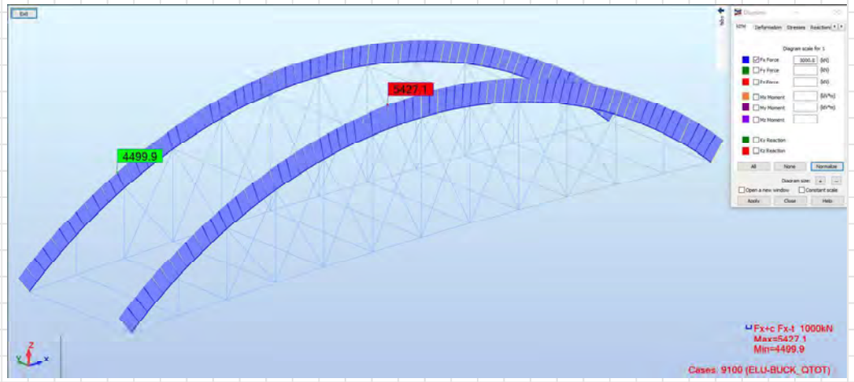
Combinations	Case nature	Definition
1001 (C)	Structural	(100+201+202)*1.00
1002 (C)	Structural	(100+202)*1.35+201*2.03
1011 (C)	Structural	(100+201+202)*1.00
1012 (C)	Structural	(100+202)*1.00+201*1.50
2001 (C)	Structural	(401+501)*1.00
2002 (C)	Structural	(502+401+403+405)*1.00
2003 (C)	Structural	(503+401+402)*1.00
2004 (C)	Structural	(401+402+504)*1.00
2005 (C)	Structural	(402+404+505)*1.00
2006 (C)	Structural	(506+402+403)*1.00
10001 (C)	Structural	1001*1.00+2001*1.35
10002 (C)	Structural	1001*1.00+2002*1.35
10003 (C)	Structural	1001*1.00+2003*1.35
10004 (C)	Structural	1001*1.00+2004*1.35
10005 (C)	Structural	1001*1.00+2005*1.35
10006 (C)	Structural	1001*1.00+2006*1.35
10007 (C)	Structural	(1002+2001)*1.35
10008 (C)	Structural	(1002+2002)*1.35
10009 (C)	Structural	(1002+2003)*1.35
10010 (C)	Structural	(1002+2004)*1.35
10011 (C)	Structural	(1002+2005)*1.35
10012 (C)	Structural	(1002+2006)*1.35

NETO ingeniería

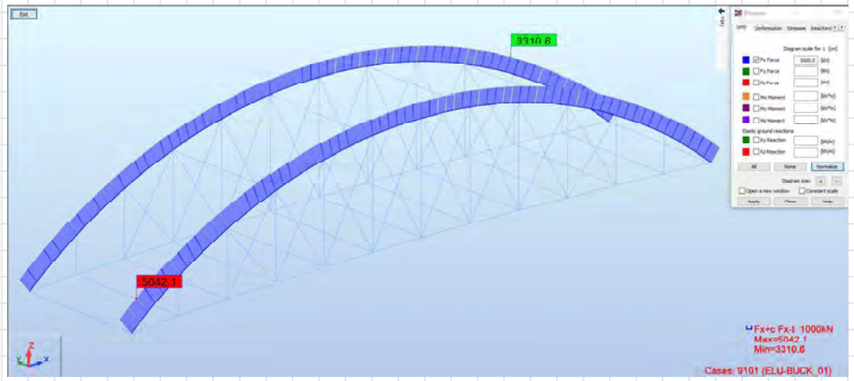
PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: Linear Buckling - Modos de Pandeo Globales

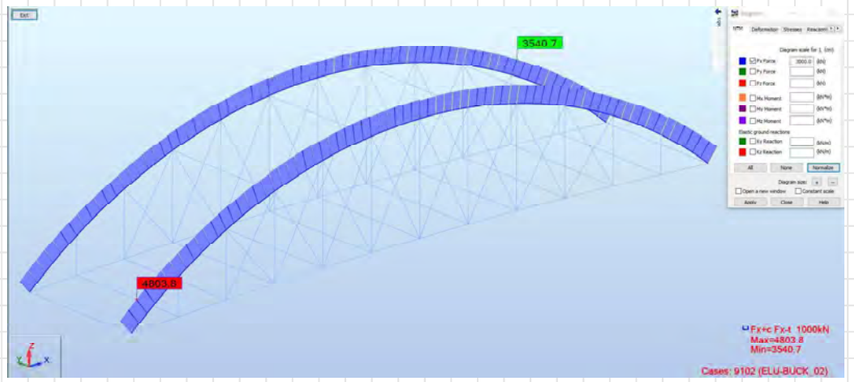
1.0 AXILES MÁXIMOS ELU BUCKLING (VARIOS CASOS DE CARGA)



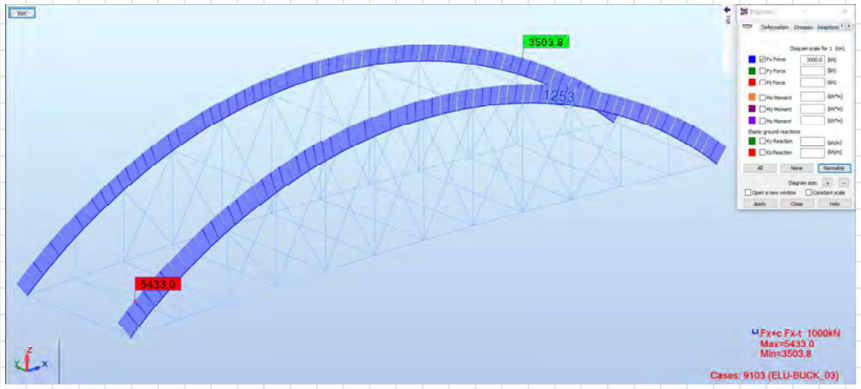
$N_{B0} = 5430$ kN



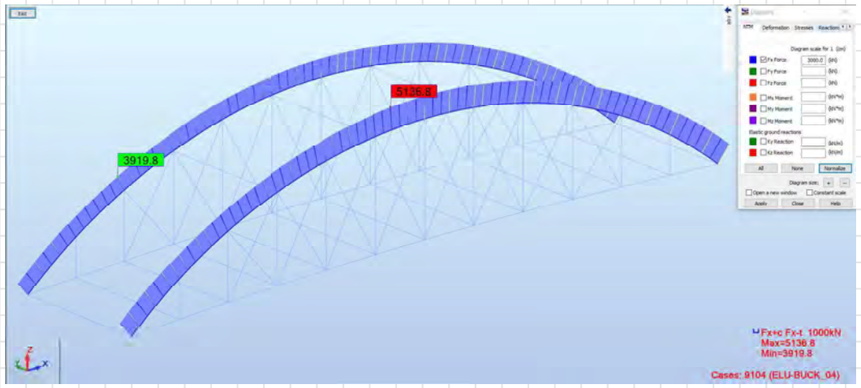
$N_{B1} = 5040$ kN



$N_{B2} = 4800$ kN



$N_{B3} = 5430\ kN$



$N_{B4} = 5140\ kN$

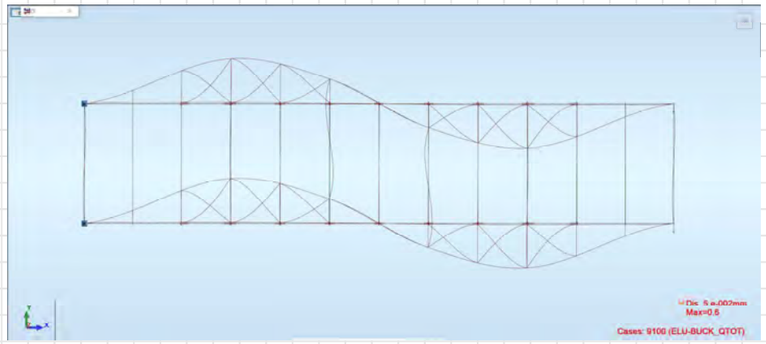
NOTA: PATRONES DE SOBRECARGA PARA CASOS DE PANDEO

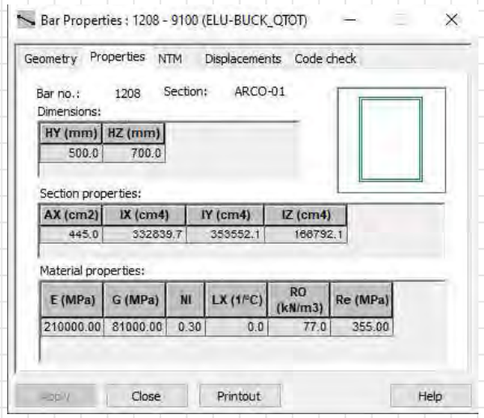
PATRONES DE SOBRECARGAS PARA CASOS DE PANDEO:

		1	2	3	4	5	6	7	8	9	10	11	12
TODO	0												
3 VANOS	1												
3 VANOS	2												
6 VANOS	3												
6 VANOS	4												

2.0 MODOS DE PANDEO "FUERA DEL PLANO" y CARGAS CRÍTICAS

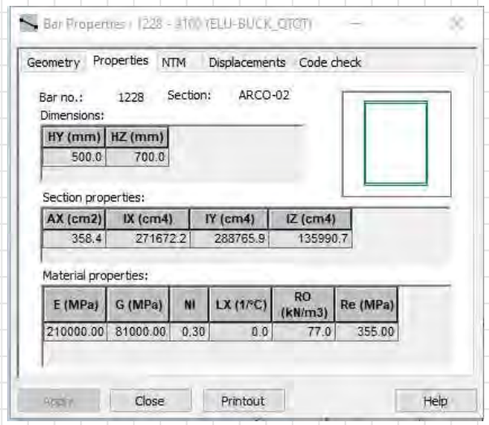
(*) Caso 00: $\alpha_{CRIT_MIN_0} = 5.07$ $N_{CRIT_MIN_0} = \alpha_{CRIT_MIN_0} \cdot N_{B0} = 27530\ kN$





$I_1 = 166800\ cm^4$

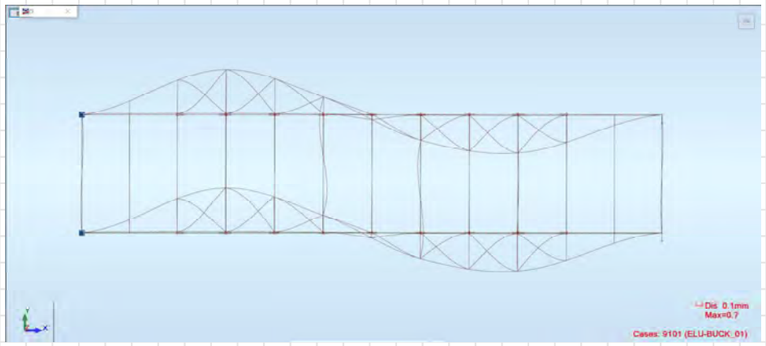
$$L_{cr1_0} = \sqrt{\frac{\pi^2 \cdot 210\ GPa \cdot I_1}{N_{CRIT_MIN_0}}} = 11.206\ m$$

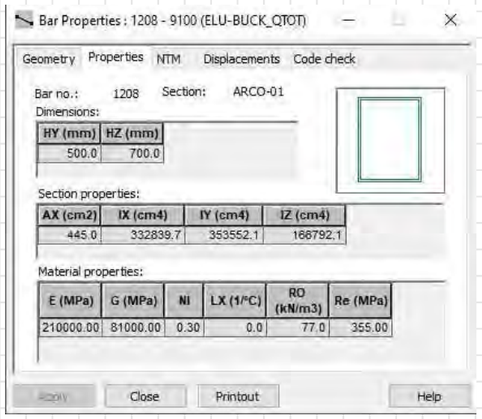


$I_2 = 136000\ cm^4$

$$L_{cr2_0} = \sqrt{\frac{\pi^2 \cdot 210\ GPa \cdot I_2}{N_{CRIT_MIN_0}}} = 10.119\ m$$

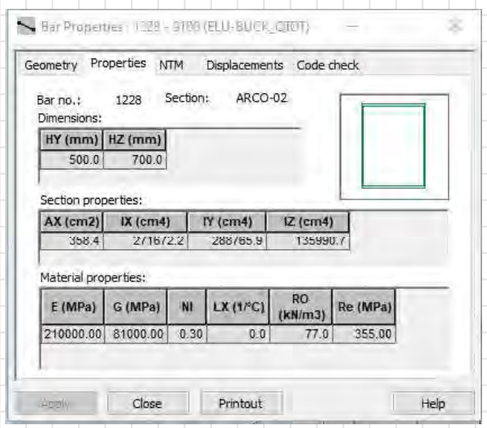
(*) Caso 01: $\alpha_{CRIT_MIN_1} = 6.97$ $N_{CRIT_MIN_1} = \alpha_{CRIT_MIN_1} \cdot N_{B1} = 35129\ kN$





$I_1 = 166800\ cm^4$

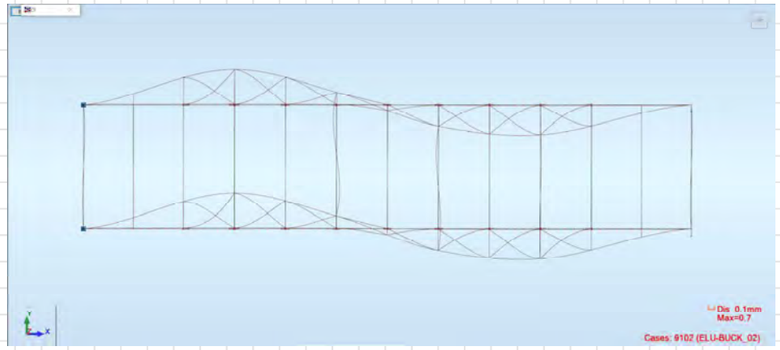
$$L_{cr1_1} = \sqrt{\frac{\pi^2 \cdot 210\ GPa \cdot I_1}{N_{CRIT_MIN_1}}} = 9.920\ m$$

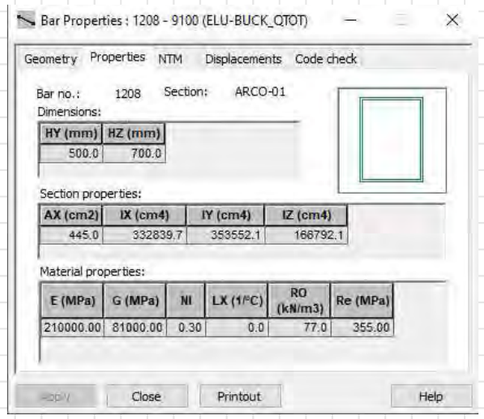


$I_2 = 136000\ cm^4$

$$L_{cr2_1} = \sqrt{\frac{\pi^2 \cdot 210\ GPa \cdot I_2}{N_{CRIT_MIN_1}}} = 8.958\ m$$

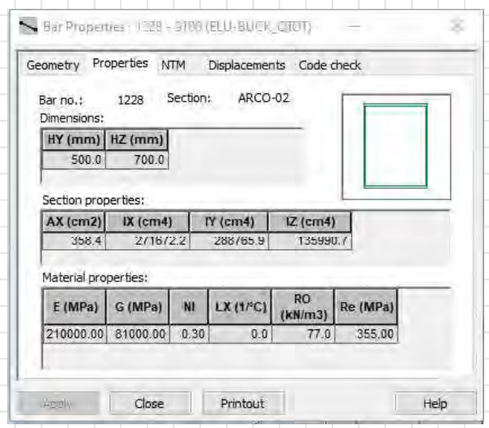
(*) Caso 02: $\alpha_{CRIT_MIN_2} = 6.15$ $N_{CRIT_MIN_2} = \alpha_{CRIT_MIN_2} \cdot N_{B2} = 29520\ kN$





$I_1 = 166800\ cm^4$

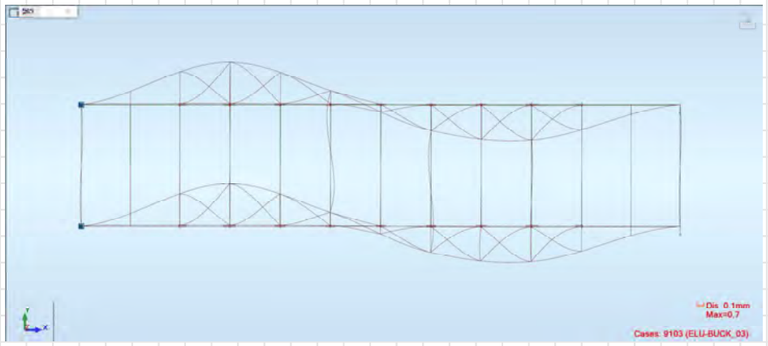
$$L_{cr1_2} = \sqrt{\frac{\pi^2 \cdot 210\ GPa \cdot I_1}{N_{CRIT_MIN_2}}} = 10.822\ m$$

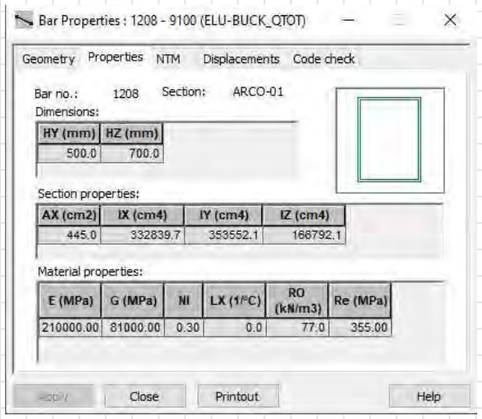


$I_2 = 136000\ cm^4$

$$L_{cr2_2} = \sqrt{\frac{\pi^2 \cdot 210\ GPa \cdot I_2}{N_{CRIT_MIN_2}}} = 9.772\ m$$

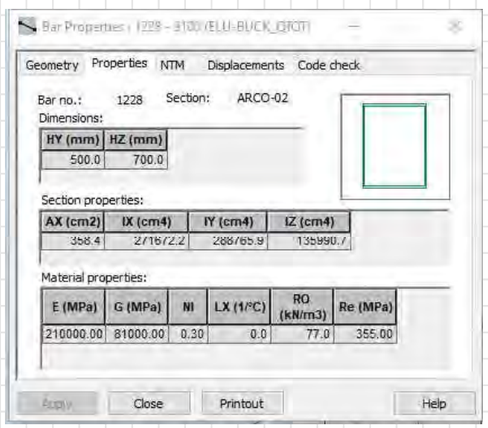
(*) Caso 03: $\alpha_{CRIT_MIN_3} = 6.20$ $N_{CRIT_MIN_3} = \alpha_{CRIT_MIN_3} \cdot N_{B3} = 33666\ kN$





$I_1 = 166800\ cm^4$

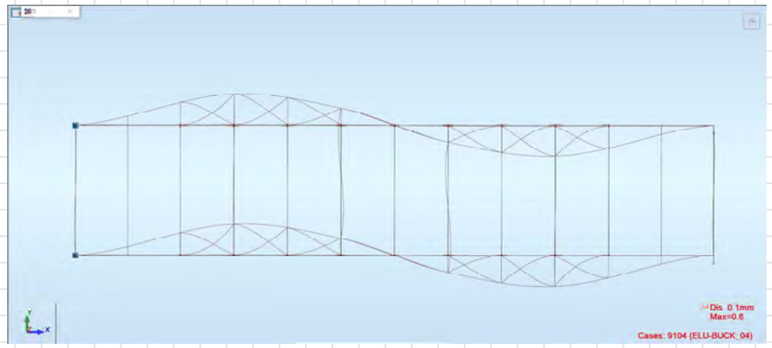
$$L_{cr1_3} = \sqrt{\frac{\pi^2 \cdot 210\ GPa \cdot I_1}{N_{CRIT_MIN_3}}} = 10.134\ m$$

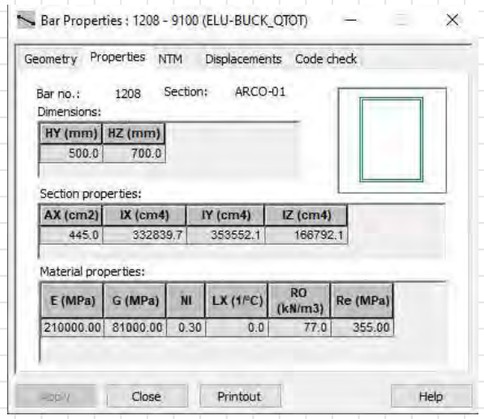


$I_2 = 136000\ cm^4$

$$L_{cr2_3} = \sqrt{\frac{\pi^2 \cdot 210\ GPa \cdot I_2}{N_{CRIT_MIN_3}}} = 9.150\ m$$

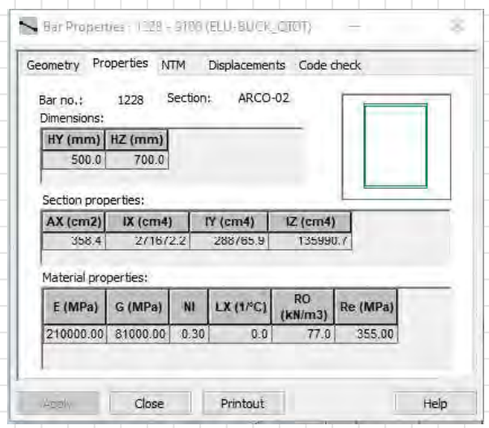
(*) Caso 04: $\alpha_{CRIT_MIN_4} = 5.50$ $N_{CRIT_MIN_4} = \alpha_{CRIT_MIN_4} \cdot N_{B4} = 28270\ kN$





$I_1 = 166800\ cm^4$

$$L_{cr1_4} = \sqrt{\frac{\pi^2 \cdot 210\ GPa \cdot I_1}{N_{CRIT_MIN_4}}} = 11.058\ m$$



$I_2 = 136000\ cm^4$

$$L_{cr2_4} = \sqrt{\frac{\pi^2 \cdot 210\ GPa \cdot I_2}{N_{CRIT_MIN_4}}} = 9.985\ m$$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: Linear Buckling - Modos de Pandeo Globales

3.0 RESUMEN DE RESSULTADOS PARA EL ANÁLISSI DE PANDEO

Axil CRÍTICO Mínimo para el ARCO:

$$N_{CRIT_MIN} = \min\left(\left[\begin{array}{ccccc} N_{CRIT_MIN_0} & N_{CRIT_MIN_1} & N_{CRIT_MIN_2} & N_{CRIT_MIN_3} & N_{CRIT_MIN_4} \end{array}\right]\right) = 27530\ \text{kN}$$

Longitudes MÁXIMAS de PANDEO "FUERA DEL PLANO":

$$L_{cr1MAX} = \max\left(\left[\begin{array}{ccccc} L_{cr1_0} & L_{cr1_1} & L_{cr1_2} & L_{cr1_3} & L_{cr1_4} \end{array}\right]\right) = 11.206\ \text{m}$$

$$L_{cr2MAX} = \max\left(\left[\begin{array}{ccccc} L_{cr2_0} & L_{cr2_1} & L_{cr2_2} & L_{cr2_3} & L_{cr2_4} \end{array}\right]\right) = 10.119\ \text{m}$$

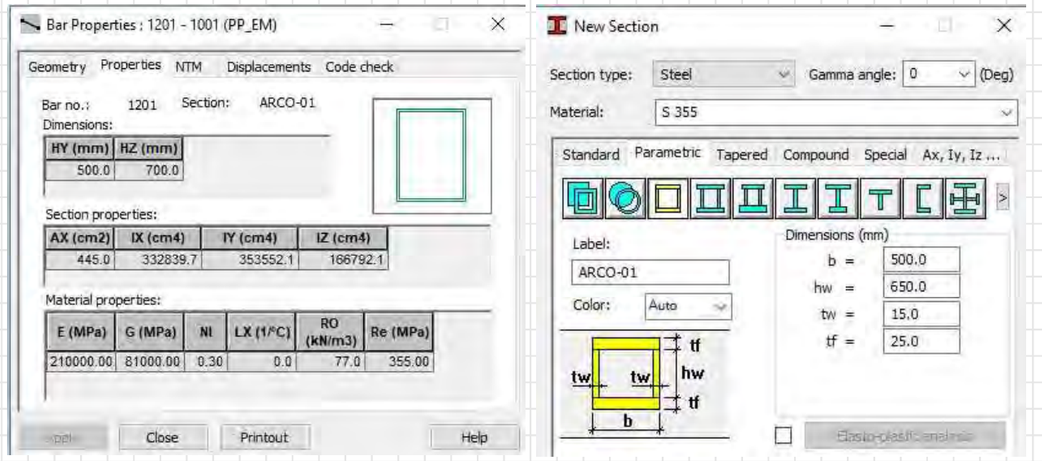
CÁLCULO DE ESTRUCTURAS METÁLICAS

COMPROBACIÓN SECCIÓN CAJÓN ESBELTA ELU N - M - V

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: ARCO 01

1.0 DEFINICIÓN SECCIÓN TIPO



NOTA: Longitud del PANEL para COMPROBACIÓN: $a = 1500\ \text{mm}$

$f_{yk} = 355\ \text{MPa}$

$\varepsilon = \sqrt{\frac{235\ \text{MPa}}{f_{yk}}} = 0.81$

$\eta = 1.20$

2.1 COMPROBACIÓN GENERAL ELU N-M CHAPA DE ALAS

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $c = 500\ \text{mm}$ $t = 25\ \text{mm}$

Esbeltez de la CHAPA: $\frac{c}{t} = 20.0$

Umbrales de ESBELTEZ a COMPRESIÓN SIMPLE:

$\eta_{N_C1} = 33 \cdot \varepsilon = 26.8$

$\eta_{N_C2} = 38 \cdot \varepsilon = 30.9$

$\eta_{N_C3} = 42 \cdot \varepsilon = 34.2$

Umbrales de ESBELTEZ a FLEXIÓN SIMPLE :

$\eta_{M_C1} = 72 \cdot \varepsilon = 58.6$

$\eta_{M_C2} = 83 \cdot \varepsilon = 67.5$

$\eta_{M_C3} = 124 \cdot \varepsilon = 100.9$

SECCIÓN DE ALAS: $CLASE_N = \text{"CLASE 2"}$ $CLASE_M = \text{"CLASE 2"}$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: ARCO 01

2.2 COMPROBACIÓN GENERAL ELU V CHAPA DE ALAS (SIN RIGIDIZAR ENTRE RIGID. TRANSVERSALES)

Defición del PANEL para la Comprobación a Cortante: $N_{alas} = 2$

$h_w = c = 500$ mm

$t_w = t = 25$ mm

$a = 1.500$ m $\quad \alpha = \frac{a}{h_w} = 3.00$

$k_\tau = 5.78$

Esbeltez MÁXIMA del PANEL: $ESB_{max} = \frac{31}{\eta} \cdot \varepsilon \cdot \sqrt{k_\tau} = 50.6$ $\quad ESB_w = \frac{h_w}{t_w} = 20.0$

$CHECK_V = \text{"CAPAC. MÁXIMA!"}$

$$V_{plRd} = N_{alas} \cdot 1.0 \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.05} \cdot h_w \cdot t_w = 4880 \text{ kN}$$

$$V_{bw} = N_{alas} \cdot 1.0 \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.10} \cdot h_w \cdot t_w = 4658 \text{ kN}$$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: ARCO 01

3.1 COMPROBACIÓN GENERAL ELU N-M CHAPA DE ALMAS SIN RIGIDIZAR

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $c = 650$ mm $\quad t = 15$ mm

Esbeltez de la CHAPA: $\frac{c}{t} = 43.3$

Umbrales de ESBELTEZ a COMPRESIÓN SIMPLE:

$\eta_{N_C1} = 33 \cdot \varepsilon = 26.8$

$\eta_{N_C2} = 38 \cdot \varepsilon = 30.9$

$\eta_{N_C3} = 42 \cdot \varepsilon = 34.2$

Umbrales de ESBELTEZ a FLEXIÓN SIMPLE :

$\eta_{M_C1} = 72 \cdot \varepsilon = 58.6$

$\eta_{M_C2} = 83 \cdot \varepsilon = 67.5$

$\eta_{M_C3} = 124 \cdot \varepsilon = 100.9$

SECCIÓN DE ALMAS: $CLASE_N = \text{"CLASE 4"}$ $\quad CLASE_M = \text{"CLASE 2"}$

3.2 COMPROBACIÓN GENERAL ELU N-M CHAPA DE ALMAS CON "1 RIGIDIZADOR INTERMEDIO"

a) Cálculo de la ABOLLADURA de los SUBPANELES ("PANDEO LOCAL"):

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $c_{med} = \frac{c}{2} = 325$ mm $\quad t = 15$ mm

Props GEOMÉTRICAS y MECÁNICAS del RIGID: $c_{rig} = 125$ mm $\quad t_{rig} = 12$ mm

$\frac{c_{rig}}{t_{rig}} = 10.4$ ≤ 10.5 PARA ESTABILIDAD!

NOTA: PARA COMPRESIÓN UNIFORME $\quad \Psi = 1.00 \quad k_\sigma = 4.00$

$\lambda_{pMAX} = 0.5 + \sqrt{0.085 - 0.055 \cdot \Psi} = 0.67$

$t_{min} = \frac{c_{med}}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma} \cdot \lambda_{pMAX}} = 10.4$ mm

$\lambda_p = \frac{\frac{c_{med}}{t}}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma}} = 0.47$

REDUCCIÓN por ABOLLADURA: $\rho = 1.00$ $\quad$ BUSCAMOS ≥ 1.00 OK!

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

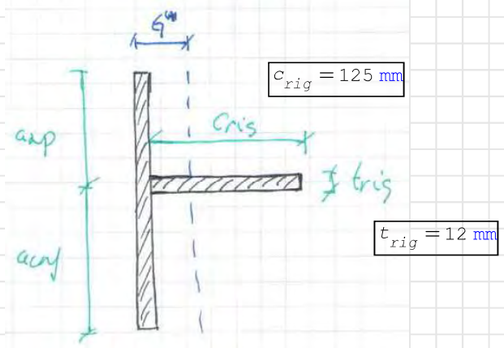
DESCRIPCIÓN: SECCIÓN TIPO: ARCO 01

b) Cálculo del COEFICIENTE de "PANDEO GLOBAL" de la CHAPA:

NOTA: COMPROBAMOS ÚNICAMENTE EL "PANDEO TIPO COLUMNA"

$c_{sup} = \frac{c}{4} = 163\ mm$

$c_{inf} = \frac{c}{4} = 163\ mm$



Área del Rigidizador: $A_{sl} = 63.75\ cm^2$

Inercia del Rigidizador: $I_{sl} = 766.51\ cm^4$

$\beta_{ac} = 1.00$

CDG: $G = 23.97\ mm$

Tensión Crítica Elástica - MODO COLUMNA: $\sigma_{crsl} = \frac{\pi^2 \cdot 210\ GPa \cdot I_{sl}}{A_{sl} \cdot a^2} = 1108\ MPa$

NOTA: $\sigma_{crc} = \sigma_{crsl}$

Esbeltez REDUCIDA - MODO COLUMNA: $\lambda_c = \sqrt{\frac{\beta_{ac} \cdot f_{yk}}{\sigma_{crc}}} = 0.57$

$i = \sqrt{\frac{I_{sl}}{A_{sl}}} = 3.47\ cm$

$e = \max\left(\left[G - \frac{t}{2}\ \ t + \frac{c_{rig}}{2} - G\right]\right) = 5.35\ cm$

$\alpha_e = 0.49 + \frac{0.09}{\frac{i}{e}} = 0.63$

$\Phi = 0.78$

COEF. REDUCTOR por PANDEO GLOBAL: $\chi = 0.77$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: ARCO 01

3.3 COMPROBACIÓN GENERAL ELU V CHAPA DE ALMAS CON 1 RIGIDIZADOR LONGITUDINAL INTERMEDIO

a) Defínción del PANEL COMPLETO para la Comprobación a Cortante: $N_{almas} = 2$

$h_w = c = 650\ mm$

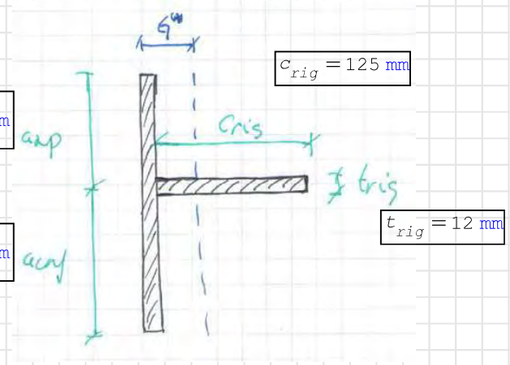
$t_w = t = 15\ mm$

$a = 1.500\ m$

$\alpha = \frac{a}{h_w} = 2.31$

$c_{sup} = \min\left(\left[\frac{c}{4}\ \ 15 \cdot \varepsilon \cdot t_w\right]\right) = 163\ mm$

$c_{inf} = \min\left(\left[\frac{c}{4}\ \ 15 \cdot \varepsilon \cdot t_w\right]\right) = 163\ mm$



Área del Rigidizador: $A_{slw} = 63.75\ cm^2$

Inercia del Rigidizador: $I_{slw} = 766.51\ cm^4$

CDG: $G_w = 23.97\ mm$

Coef. de Abolladura: $k_\tau = 8.74$

Esbeltez MÁXIMA del PANEL: $ESB_{max_RIG} = \frac{31}{\eta} \cdot \varepsilon \cdot \sqrt{k_\tau} = 62.1$

$ESB_w = \frac{h_w}{t_w} = 43.3$

$ESB_{max_SINRIG} = \frac{72}{\eta} \cdot \varepsilon = 48.8$

$CHECK_V = \text{"CAPAC. MÁXIMA!"}$

$\lambda_{w_TOTAL} = \frac{h_w}{37.4 \cdot t_w \cdot \varepsilon \cdot \sqrt{k_\tau}} = 0.48$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: ARCO 01

b) Defínción del SUBPANEL para la Comprobación a Cortante: $h_{wSUB} = \frac{c}{2} = 325$ mm

$t_w = t = 15$ mm

$a = 1.500$ m $\quad \alpha = \frac{a}{h_{wSUB}} = 4.62$

$k_\tau = 5.53$

Esbeltez MÁXIMA del SUBPANEL: $ESB_{max_SUB} = \frac{31}{\eta} \cdot \varepsilon \cdot \sqrt{k_\tau} = 49.4$ $\quad ESB_{wSUB} = \frac{h_{wSUB}}{t_w} = 21.7$

$\lambda_{w_SUB} = \frac{h_{wSUB}}{37.4 \cdot t_w \cdot \varepsilon \cdot \sqrt{k_\tau}} = 0.30$

COMPROBAMOS Esbeltez Máxima: $\lambda_{wMAX} = \max\left(\left[\lambda_{w_TOTAL} \ \lambda_{w_SUB}\right]\right) = 0.48$

Tipo Panel: $TIPO = \text{"NO RÍGIDO"}$

$\chi_w = 1.20$

$V_{bw_Rd} = N_{almas} \cdot \chi_w \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.10} \cdot h_w \cdot t_w = 4360$ kN

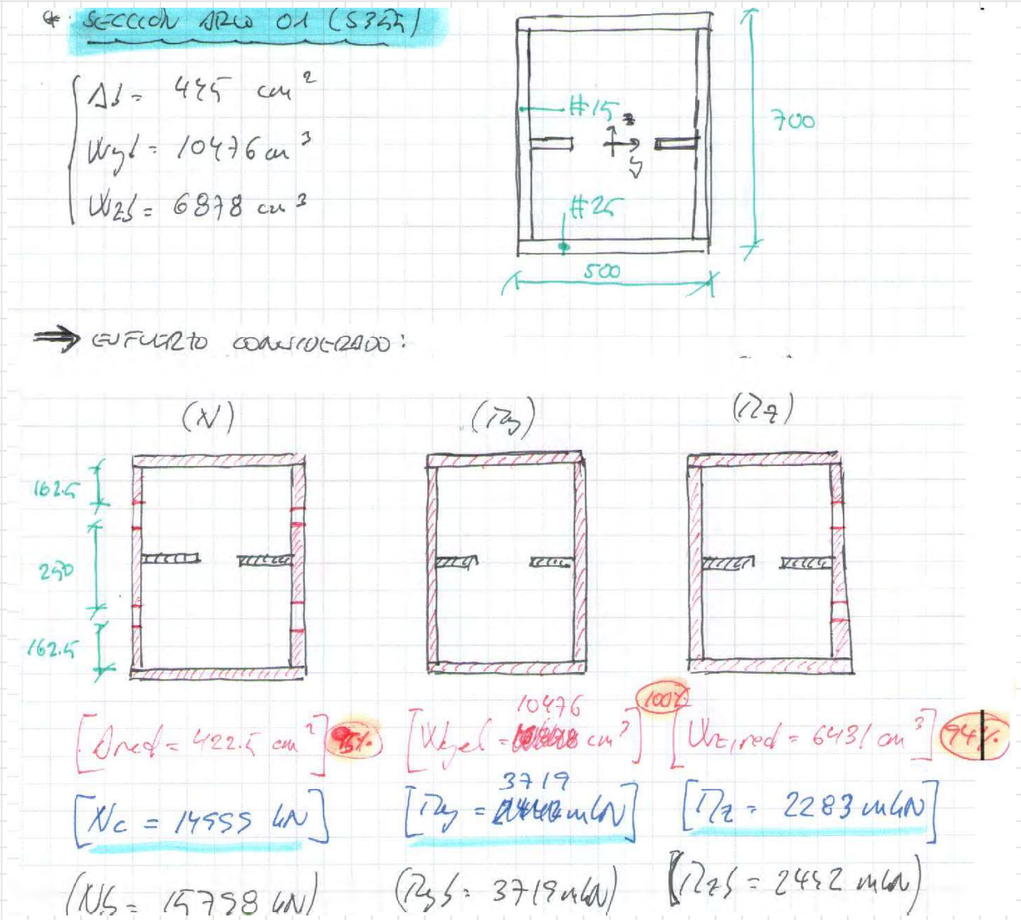
$V_{bw_MAX} = N_{almas} \cdot \eta \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.10} \cdot h_w \cdot t_w = 4360$ kN $\quad \frac{V_{bw_Rd}}{V_{bw_MAX}} = 1.00$

$V_{plRd_MAX} = N_{almas} \cdot \eta \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.05} \cdot h_w \cdot t_w = 4568$ kN $\quad \frac{V_{bw_Rd}}{V_{plRd_MAX}} = 0.95$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: ARCO 01

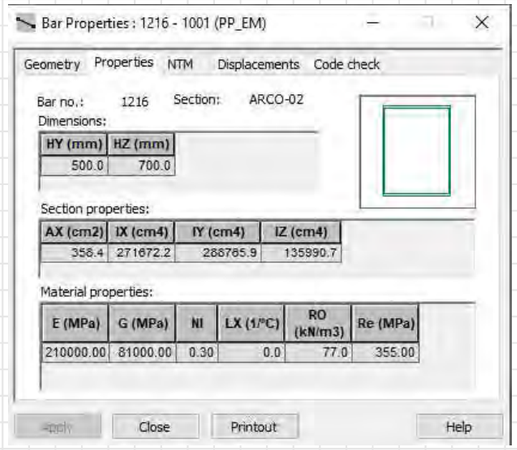
4.0 COMPARATIVA SECCIONES RESISTENTES BRUTA vs REDUCIDA

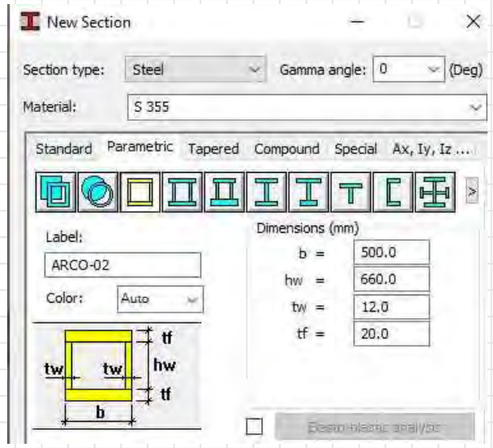


PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO.....

1.0 DEFINICIÓN SECCIÓN TIPO





NOTA: Longitud del PANEL para COMPROBACIÓN: $a = 1500\ mm$

$f_{yk} = 355\ MPa$

$\varepsilon = \sqrt{\frac{235\ MPa}{f_{yk}}} = 0.81$

$\eta = 1.20$

2.1 COMPROBACIÓN GENERAL ELU N-M CHAPA DE ALAS

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $c = 500\ mm$ $t = 20\ mm$

Esbeltez de la CHAPA: $\frac{c}{t} = 25.0$

Umbrales de ESBELTEZ a COMPRESIÓN SIMPLE:

$\eta_{N_C1} = 33 \cdot \varepsilon = 26.8$

$\eta_{N_C2} = 38 \cdot \varepsilon = 30.9$

$\eta_{N_C3} = 42 \cdot \varepsilon = 34.2$

Umbrales de ESBELTEZ a FLEXIÓN SIMPLE :

$\eta_{M_C1} = 72 \cdot \varepsilon = 58.6$

$\eta_{M_C2} = 83 \cdot \varepsilon = 67.5$

$\eta_{M_C3} = 124 \cdot \varepsilon = 100.9$

SECCIÓN DE ALAS: $CLASE_N = "CLASE\ 2"$

$CLASE_M = "CLASE\ 2"$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO.....

2.2 COMPROBACIÓN GENERAL ELU V CHAPA DE ALAS (SIN RIGIDIZAR ENTRE RIGID. TRANSVERSALES)

Defindón del PANEL para la Comprobación a Cortante: $N_{alas} = 2$

$h_w = c = 500\ mm$

$t_w = t = 20\ mm$

$a = 1.500\ m$ $\alpha = \frac{a}{h_w} = 3.00$

$k_\tau = 5.78$

Esbeltez MÁXIMA del PANEL: $ESB_{max} = \frac{31}{\eta} \cdot \varepsilon \cdot \sqrt{k_\tau} = 50.6$ $ESB_w = \frac{h_w}{t_w} = 25.0$

$CHECK_V = "CAPAC.\ MÁXIMA!"$

$V_{plRd} = N_{alas} \cdot 1.0 \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.05} \cdot h_w \cdot t_w = 3904\ kN$

$V_{bw} = N_{alas} \cdot 1.0 \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.10} \cdot h_w \cdot t_w = 3727\ kN$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO.....

3.1 COMPROBACIÓN GENERAL ELU N-M CHAPA DE ALMAS SIN RIGIDIZAR

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $c = 660\ mm$ $t = 12\ mm$

Esbeltez de la CHAPA: $\frac{c}{t} = 55.0$

Umbrales de ESBELTEZ a COMPRESIÓN SIMPLE:

$\eta_{N_C1} = 33 \cdot \varepsilon = 26.8$

$\eta_{N_C2} = 38 \cdot \varepsilon = 30.9$

$\eta_{N_C3} = 42 \cdot \varepsilon = 34.2$

Umbrales de ESBELTEZ a FLEXIÓN SIMPLE :

$\eta_{M_C1} = 72 \cdot \varepsilon = 58.6$

$\eta_{M_C2} = 83 \cdot \varepsilon = 67.5$

$\eta_{M_C3} = 124 \cdot \varepsilon = 100.9$

SECCIÓN DE ALMAS: $CLASE_N = \text{"CLASE 4"}$ $CLASE_M = \text{"CLASE 2"}$

3.2 COMPROBACIÓN GENERAL ELU N-M CHAPA DE ALMAS CON "1 RIGIDIZADOR INTERMEDIO"

a) Cálculo de la ABOLLADURA de los SUBPANELES ("PANDEO LOCAL"):

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $c_{med} = \frac{c}{2} = 330\ mm$ $t = 12\ mm$

Props GEOMÉTRICAS y MECÁNICAS del RIGID: $c_{rig} = 125\ mm$ $t_{rig} = 12\ mm$

$\frac{c_{rig}}{t_{rig}} = 10.4$ ≤ 10.5 PARA ESTABILIDAD!

NOTA: PARA COMPRESIÓN UNIFORME $\Psi = 1.00$ $k_\sigma = 4.00$

$\lambda_{pMAX} = 0.5 + \sqrt{0.085 - 0.055 \cdot \Psi} = 0.67$

$t_{min} = \frac{c_{med}}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma} \cdot \lambda_{pMAX}} = 10.6\ mm$

$\lambda_p = \frac{\frac{c_{med}}{t}}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma}} = 0.60$

REDUCCIÓN por ABOLLADURA: $\rho = 1.00$ BUSCAMOS ≥ 1.00 OK!

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

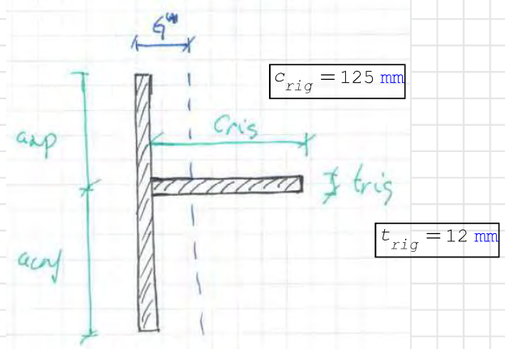
DESCRIPCIÓN: SECCIÓN TIPO.....

b) Cálculo del COEFICIENTE de "PANDEO GLOBAL" de la CHAPA:

NOTA: COMPROBAMOS ÚNICAMENTE EL "PANDEO TIPO COLUMNA"

$c_{sup} = \frac{c}{4} = 165\ mm$

$c_{inf} = \frac{c}{4} = 165\ mm$



Área del Rigidizador: $A_{sl} = 54.60\ cm^2$ Inercia del Rigidizador: $I_{sl} = 710.54\ cm^4$

$\beta_{ac} = 1.00$

CDG: $G = 24.82\ mm$

Tensión Crítica Elástica - MODO COLUMNA: $\sigma_{crsl} = \frac{\pi^2 \cdot 210\ GPa \cdot I_{sl}}{A_{sl} \cdot a^2} = 1199\ MPa$

NOTA: $\sigma_{crc} = \sigma_{crsl}$

Esbleltez REDUCIDA - MODO COLUMNA: $\lambda_c = \sqrt{\frac{\beta_{ac} \cdot f_{yk}}{\sigma_{crc}}} = 0.54$

$i = \sqrt{\frac{I_{sl}}{A_{sl}}} = 3.61\ cm$

$e = \max\left(\left[G - \frac{t}{2}\ \ t + \frac{c_{rig}}{2} - G\right]\right) = 4.97\ cm$

$\alpha_e = 0.49 + \frac{0.09}{\frac{i}{e}} = 0.61$

$\Phi = 0.75$

COEF. REDUCTOR por PANDEO GLOBAL: $\chi = 0.78$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO.....

3.3 COMPROBACIÓN GENERAL ELU V CHAPA DE ALMAS CON 1 RIGIDIZADOR LONGITUDINAL INTERMEDIO

a) Defínción del PANEL COMPLETO para la Comprobación a Cortante: $N_{almas} = 2$

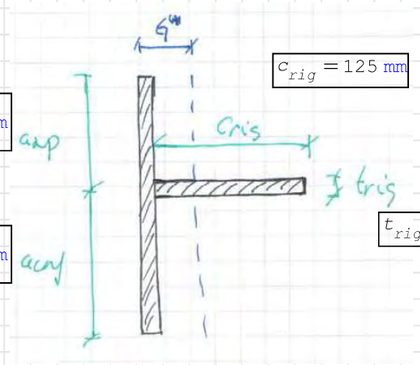
$h_w = c = 660$ mm

$t_w = t = 12$ mm

$a = 1.500$ m $\quad \alpha = \frac{a}{h_w} = 2.27$

$c_{sup} = \min\left(\left[\frac{c}{4}\ 15\cdot\varepsilon\cdot t_w\right]\right) = 146$ mm

$c_{inf} = \min\left(\left[\frac{c}{4}\ 15\cdot\varepsilon\cdot t_w\right]\right) = 146$ mm



$c_{rig} = 125$ mm

$t_{rig} = 12$ mm

Área del Rigidizador: $A_{slw} = 50.15$ cm^2 Inercia del Rigidizador: $I_{slw} = 692.84$ cm^4

CDG: $G_w = 26.49$ mm

Coef. de Abolladura: $k_\tau = 9.55$

Esbeltez MÁXIMA del PANEL: $ESB_{max_RIG} = \frac{31}{\eta}\cdot\varepsilon\cdot\sqrt{k_\tau} = 64.9$ $\quad ESB_w = \frac{h_w}{t_w} = 55.0$

$ESB_{max_SINRIG} = \frac{72}{\eta}\cdot\varepsilon = 48.8$

$CHECK_V =$ "CAPAC. MÁXIMA!"

$\lambda_{w_TOTAL} = \frac{h_w}{37.4\cdot t_w\cdot\varepsilon\cdot\sqrt{k_\tau}} = 0.59$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO.....

b) Defínción del SUBPANEL para la Comprobación a Cortante: $h_{wSUB} = \frac{c}{2} = 330$ mm

$t_w = t = 12$ mm

$a = 1.500$ m $\quad \alpha = \frac{a}{h_{wSUB}} = 4.55$

$k_\tau = 5.53$

Esbeltez MÁXIMA del SUBPANEL: $ESB_{max_SUB} = \frac{31}{\eta}\cdot\varepsilon\cdot\sqrt{k_\tau} = 49.4$ $\quad ESB_{wSUB} = \frac{h_{wSUB}}{t_w} = 27.5$

$\lambda_{w_SUB} = \frac{h_{wSUB}}{37.4\cdot t_w\cdot\varepsilon\cdot\sqrt{k_\tau}} = 0.38$

COMPROBAMOS Esbeltez Máxima: $\lambda_{wMAX} = \max\left(\left[\lambda_{w_TOTAL}\ \lambda_{w_SUB}\right]\right) = 0.59$

Tipo Panel: $TIPO =$ "NO RÍGIDO"

$\chi_w = 1.20$

$V_{bw_Rd} = N_{almas}\cdot\chi_w\cdot\frac{\frac{f_{yk}}{\sqrt{3}}}{1.10}\cdot h_w\cdot t_w = 3542$ kN

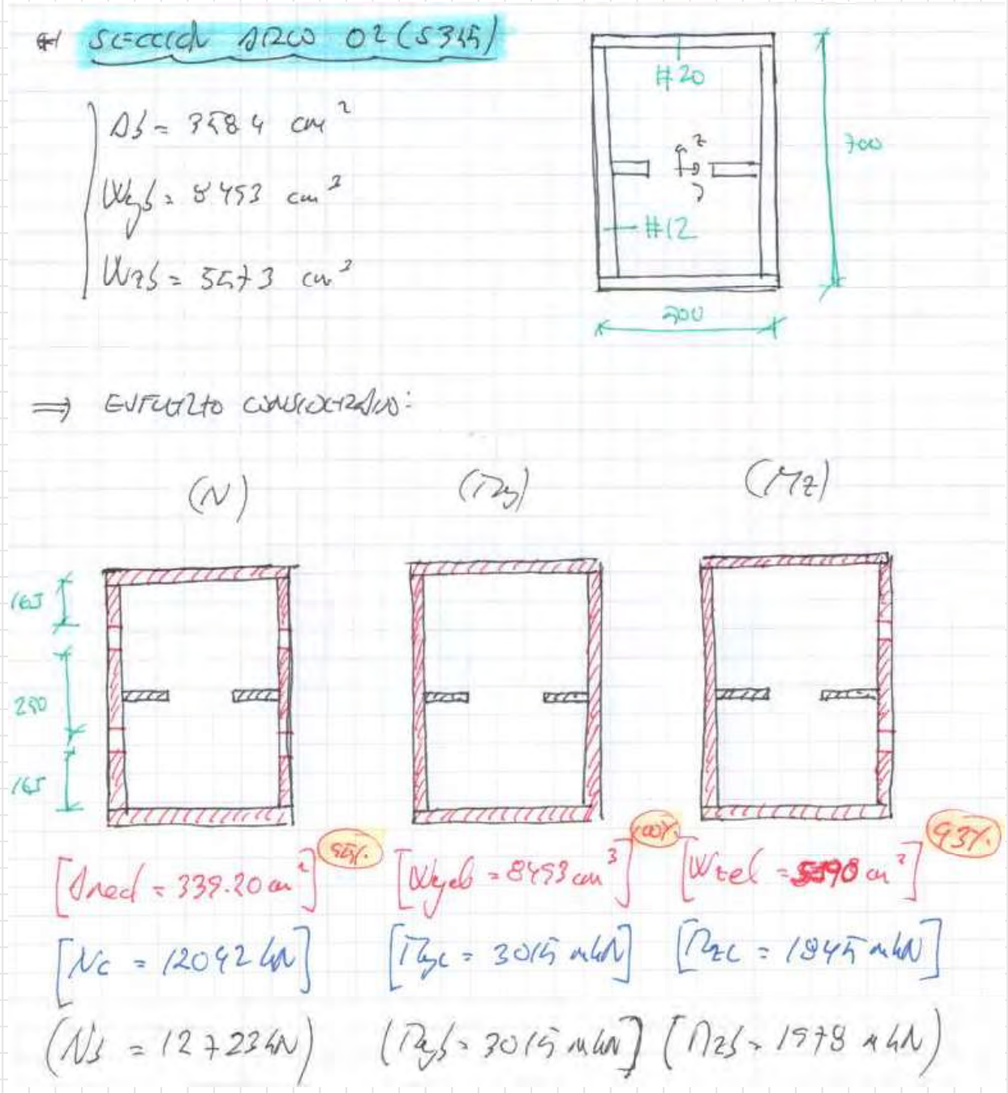
$V_{bw_MAX} = N_{almas}\cdot\eta\cdot\frac{\frac{f_{yk}}{\sqrt{3}}}{1.10}\cdot h_w\cdot t_w = 3542$ kN $\quad \frac{V_{bw_Rd}}{V_{bw_MAX}} = 1.00$

$V_{plRd_MAX} = N_{almas}\cdot\eta\cdot\frac{\frac{f_{yk}}{\sqrt{3}}}{1.05}\cdot h_w\cdot t_w = 3710$ kN $\quad \frac{V_{bw_Rd}}{V_{plRd_MAX}} = 0.95$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO.....

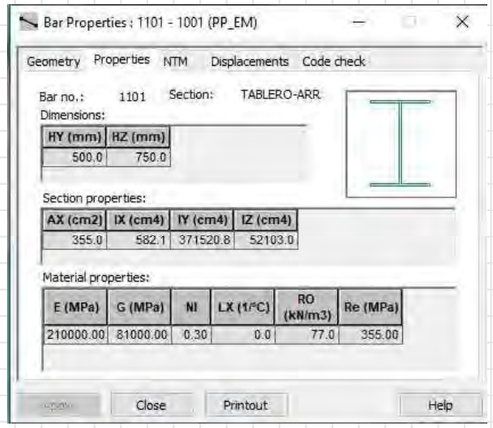
4.0 COMPARATIVA SECCIONES RESISTENTES BRUTA vs REDUCIDA

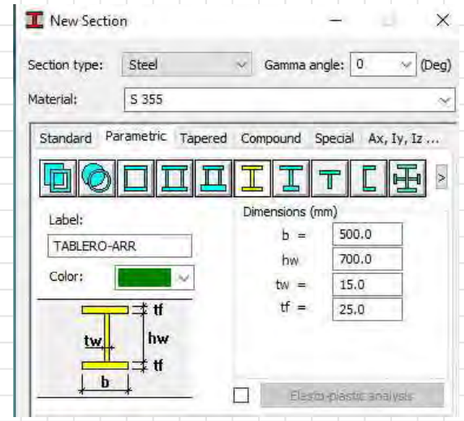


PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: TABLERO ARRANQUES

1.0 DEFINICIÓN SECCIÓN TIPO





NOTA: Longitud del PANEL para COMPROBACIÓN:

$$a = \frac{3650\ mm}{2} = 1.825\ m$$

$$f_{yk} = 355\ MPa \qquad \varepsilon = \sqrt{\frac{235\ MPa}{f_{yk}}} = 0.81$$

$$\eta = 1.20$$

2.1 COMPROBACIÓN GENERAL ELU N-M CHAPA DE ALA

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $c = 500\ mm$ $t = 25\ mm$

Esbeltez de la CHAPA: $\frac{0.5 \cdot c}{t} = 10.0$

Umbrales de ESBELTEZ a COMPRESIÓN SIMPLE:

$\eta_{N_C1} = 9 \cdot \varepsilon = 7.3$

$\eta_{N_C2} = 10 \cdot \varepsilon = 8.1$

$\eta_{N_C3} = 14 \cdot \varepsilon = 11.4$

SECCIÓN DE ALA: $CLASE_N = "CLASE\ 3"$

2.2 COMPROBACIÓN ABOLLADURA ELU N-M CHAPA DE ALMA SIN RIGIDIZAR

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $b = 0.5 \cdot c = 250\ mm$ $t = 25\ mm$

NOTA: PARA COMPRESIÓN UNIFORME $\Psi = 1.00$ $k_\sigma = 0.43$

$$\lambda_{pMAX} = 0.748 \qquad t_{min} = \frac{b}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma} \cdot \lambda_{pMAX}} = 22.1\ mm$$

$$\lambda_p = \frac{\frac{b}{t}}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma}} = 0.66$$

REDUCCIÓN por ABOLLADURA: $\rho = 1.00$ **BUSCAMOS ≥ 1.00 OK!**

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: TABLERO ARRANQUES

2.3 COMPROBACIÓN GENERAL ELU V CHAPA DE ALAS (SIN RIGIDIZAR ENTRE RIGID. TRANSVERSALES)

Defición del PANEL para la Comprobación a Cortante: $N_{alas} = 2$

$h_w = c = 500$ mm

$t_w = t = 25$ mm

$a = 1.825$ m $\quad \alpha = \frac{a}{h_w} = 3.65$

$k_\tau = 5.64$

Esbeltez MÁXIMA del PANEL: $ESB_{max} = \frac{31}{\eta} \cdot \varepsilon \cdot \sqrt{k_\tau} = 49.9$ $\quad ESB_w = \frac{h_w}{t_w} = 20.0$

$CHECK_V =$ "CAPAC. MÁXIMA!"

$$V_{plRd} = N_{alas} \cdot 1.0 \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.05} \cdot h_w \cdot t_w = 4880 \text{ kN}$$

$$V_{bw} = N_{alas} \cdot 1.0 \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.10} \cdot h_w \cdot t_w = 4658 \text{ kN}$$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: TABLERO ARRANQUES

3.1 COMPROBACIÓN GENERAL ELU N-M CHAPA DE ALMA SIN RIGIDIZAR

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $c = 700$ mm $\quad t = 15$ mm

Esbeltez de la CHAPA: $\frac{c}{t} = 46.7$

Umbrales de ESBELTEZ a COMPRESIÓN SIMPLE:

$\eta_{N_C1} = 33 \cdot \varepsilon = 26.8$

$\eta_{N_C2} = 38 \cdot \varepsilon = 30.9$

$\eta_{N_C3} = 42 \cdot \varepsilon = 34.2$

Umbrales de ESBELTEZ a FLEXIÓN SIMPLE :

$\eta_{M_C1} = 72 \cdot \varepsilon = 58.6$

$\eta_{M_C2} = 83 \cdot \varepsilon = 67.5$

$\eta_{M_C3} = 124 \cdot \varepsilon = 100.9$

SECCIÓN DE ALMA: $CLASE_N =$ "CLASE 4" $\quad CLASE_M =$ "CLASE 2"

3.2 COMPROBACIÓN ABOLLADURA ELU N-M CHAPA DE ALMA SIN RIGIDIZAR

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $b = c = 700$ mm $\quad t = 15$ mm

NOTA: PARA COMPRESIÓN UNIFORME $\Psi = 1.00$ $\quad k_\sigma = 4.00$

$\lambda_{pMAX} = 0.5 + \sqrt{0.085 - 0.055 \cdot \Psi} = 0.67$ $\quad t_{min} = \frac{b}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma} \cdot \lambda_{pMAX}} = 22.5$ mm

$\lambda_p = \frac{\frac{b}{t}}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma}} = 1.01$

REDUCCIÓN por ABOLLADURA: $\rho = 0.77$ $\quad$ BUSCAMOS ≥ 1.00 OK!

NOTA IMPORTANTE: EL ALMA SERÁ SIEMPRE CLASE 1 POR EL AXIL DE TRACCIÓN DEL TABLERO

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: TABLERO ARRANQUES

3.3 COMPROBACIÓN GENERAL ELU V CHAPA DE ALMA SIN RIGIDIZAR

a) Defínción del PANEL COMPLETO para la Comprobación a Cortante: $N_{almas} = 1$

$h_w = c = 700$ mm

$t_w = t = 15$ mm

$a = 1.825$ m $\quad \alpha = \frac{a}{h_w} = 2.61$

Coef. de Abolladura: $k_\tau = 5.93$

Esbeltez MÁXIMA del PANEL: $ESB_{wmax_RIG} = \frac{31}{\eta} \cdot \varepsilon \cdot \sqrt{k_\tau} = 51.2$ $\quad ESB_w = \frac{h_w}{t_w} = 46.7$

$ESB_{max_SINRIG} = \frac{72}{\eta} \cdot \varepsilon = 48.8$

$CHECK_V = \text{"CAPAC. MÁXIMA!"}$

COMPROBAMOS Esbeltez Máxima: $\lambda_{w_TOTAL} = \frac{h_w}{37.4 \cdot t_w \cdot \varepsilon \cdot \sqrt{k_\tau}} = 0.63$

Tipo Panel: $TIPO = \text{"NO RÍGIDO"}$

$\chi_w = 1.20$

$V_{bw_Rd} = N_{almas} \cdot \chi_w \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.10} \cdot h_w \cdot t_w = 2348$ kN

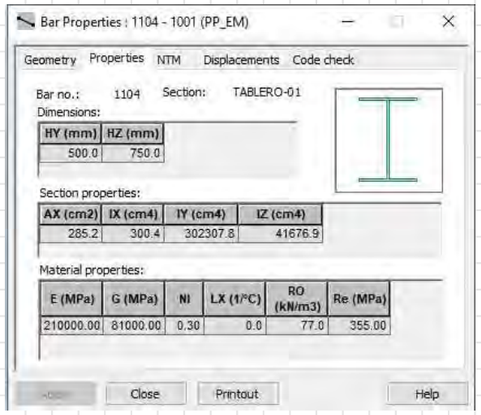
$V_{bw_MAX} = N_{almas} \cdot \eta \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.10} \cdot h_w \cdot t_w = 2348$ kN $\quad \frac{V_{bw_Rd}}{V_{bw_MAX}} = 1.00$

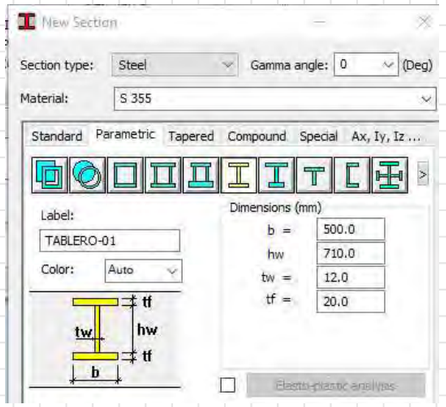
$V_{plRd_MAX} = N_{almas} \cdot \eta \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.05} \cdot h_w \cdot t_w = 2460$ kN $\quad \frac{V_{bw_Rd}}{V_{plRd_MAX}} = 0.95$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: TABLERO 01

1.0 DEFINICIÓN SECCIÓN TIPO





NOTA: Longitud del PANEL para COMPROBACIÓN: $a = \frac{3650 \text{ mm}}{2} = 1.825$ m

$f_{yk} = 355$ MPa $\quad \varepsilon = \sqrt{\frac{235 \text{ MPa}}{f_{yk}}} = 0.81$

$\eta = 1.20$

2.1 COMPROBACIÓN GENERAL ELU N-M CHAPA DE ALA

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $c = 500$ mm $\quad t = 20$ mm

Esbeltez de la CHAPA: $\frac{0.5 \cdot c}{t} = 12.5$

Umbrales de ESBELTEZ a COMPRESIÓN SIMPLE: $\eta_{N_C1} = 9 \cdot \varepsilon = 7.3$

$\eta_{N_C2} = 10 \cdot \varepsilon = 8.1$

$\eta_{N_C3} = 14 \cdot \varepsilon = 11.4$

SECCIÓN DE ALA: $CLASE_N = \text{"CLASE 4"}$

2.2 COMPROBACIÓN ABOLLADURA ELU N-M CHAPA DE ALMA SIN RIGIDIZAR

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $b = 0.5 \cdot c = 250$ mm $\quad t = 20$ mm

NOTA: PARA COMPRESIÓN UNIFORME $\Psi = 1.00$ $\quad k_\sigma = 0.43$

$\lambda_{pMAX} = 0.748$ $\quad t_{min} = \frac{b}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma} \cdot \lambda_{pMAX}} = 22.1$ mm

$\lambda_p = \frac{\frac{b}{t}}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma}} = 0.82$

REDUCCIÓN por ABOLLADURA: $\rho = 0.94$ $\quad$ **BUSCAMOS ≥ 1.00 OK!**

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: TABLERO 01

2.3 COMPROBACIÓN GENERAL ELU V CHAPA DE ALAS (SIN RIGIDIZAR ENTRE RIGID. TRANSVERSALES)

Defición del PANEL para la Comprobación a Cortante: $N_{alas} = 2$

$h_w = c = 500$ mm

$t_w = t = 20$ mm

$a = 1.825$ m $\quad \alpha = \frac{a}{h_w} = 3.65$

$k_\tau = 5.64$

Esbeltez MÁXIMA del PANEL: $ESB_{max} = \frac{31}{\eta} \cdot \varepsilon \cdot \sqrt{k_\tau} = 49.9$ $\quad ESB_w = \frac{h_w}{t_w} = 25.0$

$CHECK_V =$ "CAPAC. MÁXIMA!"

$$V_{plRd} = N_{alas} \cdot 1.0 \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.05} \cdot h_w \cdot t_w = 3904 \text{ kN}$$

$$V_{bw} = N_{alas} \cdot 1.0 \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.10} \cdot h_w \cdot t_w = 3727 \text{ kN}$$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: TABLERO 01

3.1 COMPROBACIÓN GENERAL ELU N-M CHAPA DE ALMA SIN RIGIDIZAR

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $c = 710$ mm $\quad t = 12$ mm

Esbeltez de la CHAPA: $\frac{c}{t} = 59.2$

Umbrales de ESBELTEZ a COMPRESIÓN SIMPLE:

$\eta_{N_C1} = 33 \cdot \varepsilon = 26.8$

$\eta_{N_C2} = 38 \cdot \varepsilon = 30.9$

$\eta_{N_C3} = 42 \cdot \varepsilon = 34.2$

Umbrales de ESBELTEZ a FLEXIÓN SIMPLE :

$\eta_{M_C1} = 72 \cdot \varepsilon = 58.6$

$\eta_{M_C2} = 83 \cdot \varepsilon = 67.5$

$\eta_{M_C3} = 124 \cdot \varepsilon = 100.9$

SECCIÓN DE ALMA: $CLASE_N =$ "CLASE 4" $\quad CLASE_M =$ "CLASE 2"

3.2 COMPROBACIÓN ABOLLADURA ELU N-M CHAPA DE ALMA SIN RIGIDIZAR

Props GEOMÉTRICAS y MECÁNICAS de la Chapa: $b = c = 710$ mm $\quad t = 12$ mm

NOTA: PARA COMPRESIÓN UNIFORME $\Psi = 1.00$ $\quad k_\sigma = 4.00$

$\lambda_{pMAX} = 0.5 + \sqrt{0.085 - 0.055 \cdot \Psi} = 0.67$ $\quad t_{min} = \frac{b}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma} \cdot \lambda_{pMAX}} = 22.8$ mm

$\lambda_p = \frac{\frac{b}{t}}{28.4 \cdot \varepsilon \cdot \sqrt{k_\sigma}} = 1.28$

REDUCCIÓN por ABOLLADURA: $\rho = 0.65$ $\quad$ BUSCAMOS ≥ 1.00 OK!

NOTA IMPORTANTE: EL ALMA SERÁ SIEMPRE CLASE 1 POR EL AXIL DE TRACCIÓN DEL TABLERO

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: TABLERO 01

3.3 COMPROBACIÓN GENERAL ELU V CHAPA DE ALMA SIN RIGIDIZAR

a) Defínción del PANEL COMPLETO para la Comprobación a Cortante: $N_{almas} = 1$

$h_w = c = 710$ mm

$t_w = t = 12$ mm

$a = 1.825$ m $\quad \alpha = \frac{a}{h_w} = 2.57$

Coef. de Abolladura: $k_\tau = 5.95$

Esbeltez MÁXIMA del PANEL: $ESB_{wmax_RIG} = \frac{31}{\eta} \cdot \varepsilon \cdot \sqrt{k_\tau} = 51.2$ $\quad ESB_w = \frac{h_w}{t_w} = 59.2$

$ESB_{max_SINRIG} = \frac{72}{\eta} \cdot \varepsilon = 48.8$

$CHECK_V = \text{"CHECK ABOLLADURA"}$

COMPROBAMOS Esbeltez Máxima: $\lambda_{w_TOTAL} = \frac{h_w}{37.4 \cdot t_w \cdot \varepsilon \cdot \sqrt{k_\tau}} = 0.80$

Tipo Panel: $TIPO = \text{"NO RÍGIDO"}$

$\chi_w = 1.04$

$V_{bw_Rd} = N_{almas} \cdot \chi_w \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.10} \cdot h_w \cdot t_w = 1652$ kN

$V_{bw_MAX} = N_{almas} \cdot \eta \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.10} \cdot h_w \cdot t_w = 1905$ kN $\quad \frac{V_{bw_Rd}}{V_{bw_MAX}} = 0.87$

$V_{plRd_MAX} = N_{almas} \cdot \eta \cdot \frac{\frac{f_{yk}}{\sqrt{3}}}{1.05} \cdot h_w \cdot t_w = 1996$ kN $\quad \frac{V_{bw_Rd}}{V_{plRd_MAX}} = 0.83$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: PÉNDOLAS y DIAGONALES 01

PUENTE ARCO RÍO CABE - RESULTADOS DE ESFUERZOS EN BARRAS:

NOTA: (+) COMP!!!
(-) TRACC!!!

	BAR/NODE/CASE:	AXIL (kN)	PREDIM-2D	
1	1301/1106/16273 (C)	-156.7	-185.0	0.85
2	1301/1206/11794 (C)	-945.4	-742.0	1.27
3	1302/1112/14783 (C)	-74.4	-150.0	0.48
4	1302/1212/11810 (C)	-584.2	-626.0	0.93
5	1303/1118/14819 (C)	-47.7	-39.0	1.22
6	1303/1218/11818 (C)	-395.4	-369.0	1.07
7	1304/1124/16273 (C)	-61.3	-55.0	1.11
8	1304/1224/11826 (C)	-350.9	-332.0	1.06
9	1305/1130/16273 (C)	-58.0	-54.0	1.07
10	1305/1230/11834 (C)	-327.1	-323.0	1.01
11	1306/1136/16273 (C)	-56.9	-59.0	0.96
12	1306/1236/11842 (C)	-335.2	-332.0	1.01
13	1307/1142/16273 (C)	-59.8	-65.0	0.92
14	1307/1242/11842 (C)	-239.5	-215.0	1.12
15	1308/1148/16273 (C)	-62.2	-56.0	1.11
16	1308/1248/11834 (C)	-221.6	-188.0	1.18
17	1309/1154/14539 (C)	-63.2	-48.0	1.32
18	1309/1254/11842 (C)	-246.5	-204.0	1.21
19	1310/1160/14539 (C)	-106.8	-160.0	0.67
20	1310/1260/11842 (C)	-373.0	-392.0	0.95
21	1311/1166/16273 (C)	-158.1	-169.0	0.93
22	1311/1266/11842 (C)	-494.2	-437.0	1.13
		-47.7	-39.0	1.22
		-945.4	-742.0	1.27

	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311
	PÉND_01	PÉND_02	PÉND_03	PÉND_04	PÉND_05	PÉND_06	PÉND_07	PÉND_08	PÉND_09	PÉND_10	PÉND_11
Nmin_C (kN):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nmax_T (kN):	945.4	584.2	395.4	350.9	327.1	335.2	239.5	221.6	246.5	373.0	494.2
RAT (%):	100.0	61.8	41.8	37.1	34.6	35.5	25.3	23.4	26.1	39.5	52.3
TIPO:	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS
H / ϕ (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
B (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
esp (mm) =	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
σ_fyk (MPa) =	355	355	355	355	355	355	355	355	355	355	355
σ_fuk (MPa) =	510	510	510	510	510	510	510	510	510	510	510
γM0 =	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
γM1 =	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
γM2 =	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
ε =	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
Área (cm²) =	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
Nt,Rd (kN) =	1285	1285	1285	1285	1285	1285	1285	1285	1285	1285	1285
Γ =	0.74	0.45	0.31	0.27	0.25	0.26	0.19	0.17	0.19	0.29	0.38
I (cm⁴) =	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
i (cm) =	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40
L (m) =	2.47	4.33	5.71	6.66	7.21	7.39	7.21	6.66	5.71	4.33	2.47
Leff (m) =	2.47	4.33	5.71	6.66	7.21	7.39	7.21	6.66	5.71	4.33	2.47
RATIO_Lb:	1.00	2.00	1.00	1.50	2.00	1.00	1.00	2.00	1.00	1.69	1.00
ESBELTEZ =	46	80	106	123	134	137	134	123	106	80	46
λ =	0.60	1.05	1.38	1.61	1.75	1.79	1.75	1.61	1.38	1.05	0.60
CURVA =	c	c	c	c	c	c	c	c	c	c	c
α =	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Φ =	0.78	1.26	1.75	2.15	2.41	2.50	2.41	2.15	1.75	1.26	0.78
χ =	0.79	0.51	0.36	0.28	0.25	0.24	0.25	0.28	0.36	0.51	0.79
Nb,Rd (kN) =	964	638	456	348	303	290	307	344	452	678	964
Γ =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NOTA: CÁLCULO DE LONGITUDES MÁXIMAS DE SOLDADURA:

Nu (kN) =	1285	1285	1285	1285	1285	1285	1285	1285	1285	1285	1285
βw =	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
τsold (MPa) =	261.7	261.7	261.7	261.7	261.7	261.7	261.7	261.7	261.7	261.7	261.7
Ncordones =	4	4	4	4	4	4	4	4	4	4	4
a garg (mm) =	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Lsold,max (mm) =	153	153	153	153	153	153	153	153	153	153	153
Ndmax (kN) =	945	584	395	351	327	335	240	222	247	373	494
RAI (%):	73.6	45.5	30.8	27.3	25.4	26.1	18.6	17.2	19.1	29.0	38.5
Lsold,nec (mm) =	113	70	47	42	39	40	29	26	29	45	59

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: PÉNDOLAS y DIAGONALES 01

PUENTE ARCO RÍO CABE - RESULTADOS DE ESFUERZOS EN BARRAS:

NOTA: (+) COMP!!!
(-) TRACC!!!

	BAR/NODE/CASE:	AXIL (kN)	PREDIM-2D	
1	1412/1112/12665 (C)	315.9	257.0	1.23
2	1412/1218/11304 (C)	-378.9	-425.0	0.89
3	1422/1118/11553 (C)	141.9	154.0	0.92
4	1422/1224/12268 (C)	-456.1	-459.0	0.99
5	1432/1124/11281 (C)	137.3	121.0	1.13
6	1432/1230/12500 (C)	-453.7	-474.0	0.96
7	1442/1130/14865 (C)	-51.3	-62.0	0.83
8	1442/1236/12508 (C)	-498.4	-531.0	0.94
9	1452/1142/11609 (C)	187.5	161.0	1.16
10	1452/1236/11796 (C)	-170.8	-182.0	0.94
11	1462/1148/11673 (C)	182.3	161.0	1.13
12	1462/1242/11796 (C)	-126.7	-135.0	0.94
13	1472/1154/11729 (C)	161.4	144.0	1.12
14	1472/1248/11796 (C)	-108.8	-106.0	1.03
15	1482/1160/12681 (C)	281.1	228.0	1.23
16	1482/1254/14488 (C)	-28.4	-62.0	0.46
		315.9	257.0	1.23
		-498.4	-531.0	0.94

	1412 PÉND_01	1422 PÉND_02	1432 PÉND_03	1442 PÉND_04	1452 PÉND_05	1462 PÉND_06	1472 PÉND_07	1482 PÉND_08
Nmin_C (kN):	-315.9	-141.9	-137.3	0.0	-187.5	-182.3	-161.4	-281.1
RAT (%):	100.0	44.9	43.5	0.0	59.4	57.7	51.1	89.0
Nmax_T (kN):	378.9	456.1	453.7	498.4	170.8	126.7	108.8	28.4
RAT (%):	76.0	91.5	91.0	100.0	34.3	25.4	21.8	5.7
TIPO:	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS
H / ϕ (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
B (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
esp (mm) =	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
σ_fyk (MPa) =	355	355	355	355	355	355	355	355
σ_fuk (MPa) =	510	510	510	510	510	510	510	510
γM0 =	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
γM1 =	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
γM2 =	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
ε =	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
Área (cm²) =	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
Nt,Rd (kN) =	-1940	-1940	-1940	-1940	-1940	-1940	-1940	-1940
Γ =	0.20	0.24	0.23	0.26	0.09	0.07	0.06	0.01
I (cm⁴) =	1569	1569	1569	1569	1569	1569	1569	1569
i (cm) =	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23
L (m) =	6.88	7.67	8.13	8.26	8.26	8.13	7.67	6.88
Leff (m) =	6.88	7.67	8.13	8.26	8.26	8.13	7.67	6.88
RATIO_Lb:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ESBELTEZ =	132	147	155	158	158	155	147	132
λ =	1.72	1.92	2.03	2.07	2.07	2.03	1.92	1.72
CURVA =	c	c	c	c	c	c	c	c
α =	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Φ =	2.36	2.76	3.02	3.09	3.09	3.02	2.76	2.36
χ =	0.25	0.21	0.19	0.19	0.19	0.19	0.21	0.25
Nb,Rd (kN) =	467	390	353	343	343	353	390	467
Γ =	0.68	0.36	0.39	0.00	0.55	0.52	0.41	0.60

NOTA: CÁLCULO DE LONGITUDES MÁXIMAS DE SOLDADURA:

Nu (kN) =	1940	1940	1940	1940	1940	1940	1940	1940
βw=	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
τsold (MPa) =	261.7	261.7	261.7	261.7	261.7	261.7	261.7	261.7
Ncordones =	4	4	4	4	4	4	4	4
a garg (mm) =	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Lsold,max (mm) =	185	185	185	185	185	185	185	185
Ndmax (kN) =	379	456	454	498	188	182	161	281
RAT (%):	19.5	23.5	23.4	25.7	9.7	9.4	8.3	14.5
Lsold,nec (mm) =	36	44	43	48	18	17	15	27

NOTA: CÁLCULO DE ÁREA DE CHAPA NECESARIA PARA "PUENTEAR" DIAGONAL TRACCION/

Nu (kN) =	1940	1940	1940	1940	1940	1940	1940	1940
σ_max (MPa) =	338.1	338.1	338.1	338.1	338.1	338.1	338.1	338.1
Nchapas =	2	2	2	2	2	2	2	2
Anec (mm²) =	2868.75	2868.75	2868.75	2868.75	2868.75	2868.75	2868.75	2868.75
e chapa (mm) =	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
B chapa,max (mm) =	191.3	191.3	191.3	191.3	191.3	191.3	191.3	191.3
Ndmax (kN) =	379	456	454	498	188	182	161	281
RAT (%):	19.5	23.5	23.4	25.7	9.7	9.4	8.3	14.5
B chapa,nec (mm) =	37	45	45	49	18	18	16	28

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: PÉNDOLAS y DIAGONALES 01

PUENTE ARCO RÍO CABE - RESULTADOS DE ESFUERZOS EN BARRAS:

NOTA: (+) COMP!!!
( ) TRACC!!!

	BAR/NODE/CASE:	AXIL (kN)	PREDIM-2D	
1	1411/1118/10954 (C)	197.9	15.0	13.19
2	1411/1212/12667 (C)	-711.8	-787.0	0.90
3	1421/1124/11306 (C)	112.6	94.0	1.20
4	1421/1218/12675 (C)	-455.1	-493.0	0.92
5	1431/1130/11370 (C)	124.9	97.0	1.29
6	1431/1224/12683 (C)	-436.9	-459.0	0.95
7	1441/1136/11434 (C)	123.8	86.0	1.44
8	1441/1230/12683 (C)	-383.2	-409.0	0.94
9	1451/1136/16273 (C)	-65.8	-88.0	0.75
10	1451/1242/12571 (C)	-451.4	-465.0	0.97
11	1461/1142/16273 (C)	81.9	99.0	0.83
12	1461/1248/12627 (C)	-458.3	-422.0	1.09
13	1471/1148/14538 (C)	-85.7	-103.0	0.83
14	1471/1254/12627 (C)	-418.3	-429.0	0.98
15	1481/1154/14538 (C)	-98.9	-115.0	0.86
16	1481/1260/12683 (C)	-660.9	-711.0	0.93
		197.9	97.0	2.04
		-711.8	-787.0	0.90

	1411 PÉND_01	1421 PÉND_02	1431 PÉND_03	1441 PÉND_04	1451 PÉND_05	1461 PÉND_06	1471 PÉND_07	1481 PÉND_08
Nmin_C (kN):	-197.9	-112.6	-124.9	-123.8	0.0	0.0	0.0	0.0
RAT (%):	100.0	56.9	63.1	62.6	0.0	0.0	0.0	0.0
Nmax_T (kN):	711.8	455.1	436.9	383.2	451.4	458.3	418.3	660.9
RAT (%):	100.0	63.9	61.4	53.8	63.4	64.4	58.8	92.8
TIPO:	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS
H / ϕ (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
B (mm) =	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
esp (mm) =	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
σ_fyk (MPa) =	355	355	355	355	355	355	355	355
σ_fuk (MPa) =	510	510	510	510	510	510	510	510
γM0 =	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
γM1 =	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
γM2 =	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
ε =	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
Área (cm²) =	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
Nt,Rd (kN) =	-1461	-1461	-1461	-1461	-1461	-1461	-1461	-1461
Γ =	0.49	0.31	0.30	0.26	0.31	0.31	0.29	0.45
I (cm⁴) =	1174	1174	1174	1174	1174	1174	1174	1174
i (cm) =	5.21	5.21	5.21	5.21	5.21	5.21	5.21	5.21
L (m) =	5.57	6.71	7.55	8.07	8.07	7.55	6.71	5.57
Leff (m) =	5.57	6.71	7.55	8.07	8.07	7.55	6.71	5.57
RATIO_Lb:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ESBELTEZ =	107	129	145	155	155	145	129	107
λ =	1.40	1.69	1.90	2.03	2.03	1.90	1.69	1.40
CURVA =	c	c	c	c	c	c	c	c
α =	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Φ =	1.77	2.28	2.71	3.00	3.00	2.71	2.28	1.77
χ =	0.35	0.26	0.21	0.19	0.19	0.21	0.26	0.35
Nb,Rd (kN) =	488	365	300	267	267	300	365	488
Γ =	0.41	0.31	0.42	0.46	0.00	0.00	0.00	0.00

NOTA: CÁLCULO DE LONGITUDES MÁXIMAS DE SOLDADURA:

Nu (kN) =	1461	1461	1461	1461	1461	1461	1461	1461
βw=	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
τsold (MPa) =	261.7	261.7	261.7	261.7	261.7	261.7	261.7	261.7
Ncordones =	4	4	4	4	4	4	4	4
a garg (mm) =	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Lsold,max (mm) =	174	174	174	174	174	174	174	174
Ndmax (kN) =	712	455	437	383	451	458	418	661
RAT (%):	48.7	31.2	29.9	26.2	30.9	31.4	28.6	45.2
Lsold,nec (mm) =	85	54	52	46	54	55	50	79

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: PÉNDOLAS y DIAGONALES 01

PUENTE ARCO RÍO CABE - RESULTADOS DE ESFUERZOS EN BARRAS:

NOTAS: (+) COMP!!!
(-) TRACC!!!

	BARNODE/CASE:	AXIL (kN)	PREDIM-2D	
1	1301/1200/ELU_FAT/47	0.0	0.0	NODIV/0!
2	1301/1200/ELU_FAT/47	-71.9	-69.6	1.03
3	1302/1232/ELU_FAT/209	0.0	2.2	0.00
4	1302/1232/ELU_FAT/59	-55.0	-54.4	1.01
5	1303/1238/ELU_FAT/208	0.0	1.0	0.00
6	1303/1238/ELU_FAT/47	-39.6	32.8	1.22
7	1304/1224/ELU_FAT/208	0.0	1.3	0.00
8	1304/1224/ELU_FAT/90	-34.5	-27.8	1.24
9	1305/1230/ELU_FAT/46	0.4	1.9	0.21
10	1305/1230/ELU_FAT/105	-33.8	-28.9	1.18
11	1306/1236/ELU_FAT/208	0.0	0.0	NODIV/0!
12	1306/1236/ELU_FAT/90	-33.1	-28.7	1.15
13	1307/1242/ELU_FAT/161	0.6	1.8	0.33
14	1307/1242/ELU_FAT/104	-33.7	-28.7	1.17
15	1308/1248/ELU_FAT/208	0.2	1.4	0.14
16	1308/1248/ELU_FAT/119	-33.9	-27.7	1.22
17	1309/1254/ELU_FAT/1	0.0	0.9	0.00
18	1309/1254/ELU_FAT/161	-39.1	-32.8	1.19
19	1310/1260/ELU_FAT/1	0.0	1.6	0.00
20	1310/1260/ELU_FAT/177	54.5	53.6	1.02
21	1313/1286/ELU_FAT/1	0.0	0.0	NODIV/0!
22	1311/1266/ELU_FAT/162	-71.9	-69.7	1.03

	0.6	0.6	0.97
	71.9	-69.7	1.03
	72.5	71.9	

	1301 PÉND_01	1302 PÉND_02	1303 PÉND_03	1304 PÉND_04	1305 PÉND_05	1306 PÉND_06	1307 PÉND_07	1308 PÉND_08	1309 PÉND_09	1310 PÉND_10	1311 PÉND_11	
Nmin_C (kN) =	0.0	0.0	0.0	0.0	-0.6	0.0	-0.6	-0.2	-0.6	0.0	0.0	-0.6 < 0 COMP!!!
RATIO (%):	1.0%	1.0%	0.0%	0.0%	1.0%	0.0%	1.0%	0.3%	1.0%	0.0%	0.0%	
Nmax_T (kN) =	71.9	55.0	39.9	34.5	34.2	33.8	34.2	33.9	34.1	54.5	71.9	71.9 > 0 TRACC!!!
ΔNtot (kN) =	71.9	55.0	39.9	34.5	34.2	33.8	34.3	34.1	34.1	54.5	71.9	71.9
ΔNd (kN) =	91.5	55.0	39.9	34.5	34.0	33.8	34.1	34.0	34.1	54.5	91.5	91.5
COEF_JUNTA:	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.30	
TIPO:	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS	
H / ϕ (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	
e (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	
esp (mm) =	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
Área (cm²) =	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	
σ_fyk (MPa) =	355	355	355	355	355	355	355	355	355	355	355	
σ_fuk (MPa) =	510	510	510	510	510	510	510	510	510	510	510	
γM0 =	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
γM1 =	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	
γM2 =	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
ε =	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	
ΔσT_TUBO (MPa) =	24.6	14.5	10.5	9.1	9.0	8.7	9.0	8.9	10.3	14.3	24.6	
λ =	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	
ΔσT FAT (MPa) =	40.1	23.6	17.1	14.8	14.6	14.2	14.6	14.4	16.8	23.4	40.1	
CAT DETALLE (MPa) =	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	TABLA 8.1 UNE-EN 1993-1-9_DETALLE 01
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
ΔσId (MPa) =	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	
Γ =	0.34	0.20	0.14	0.12	0.12	0.12	0.12	0.12	0.14	0.20	0.34	0.34 < 1.00 OK!!!
ΔσT_PICO FLAUTA (MPa) =	24.6	14.5	10.5	9.1	9.0	8.7	9.0	8.9	10.3	14.3	24.6	
λ =	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	
ΔσT FAT (MPa) =	40.1	23.6	17.1	14.8	14.6	14.2	14.6	14.4	16.8	23.4	40.1	
CAT DETALLE (MPa) =	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	TABLA 8.6 UNE-EN 1993-1-9_DETALLE 02
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
ΔσId (MPa) =	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
Γ =	0.86	0.53	0.37	0.32	0.31	0.30	0.31	0.31	0.30	0.50	0.86	0.86 < 1.00 OK!!!
Δσ_SOLDADURA (MPa) =	20.9	12.3	8.9	7.7	7.6	7.4	7.5	7.5	8.7	12.2	20.9	
λ =	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	
ΔσT FAT (MPa) =	34.0	20.0	14.5	12.6	12.4	12.0	12.4	12.2	14.2	19.8	34.0	
CAT DETALLE (MPa) =	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	TABLA 8.5 UNE-EN 1993-1-9_DETALLE 08
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
ΔσId (MPa) =	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	
Γ =	0.57	0.34	0.24	0.21	0.21	0.20	0.21	0.21	0.24	0.33	0.57	0.57 < 1.00 OK!!!
Lsold (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	
a sold (mm) =	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
Ncordones =	4	4	4	4	4	4	4	4	4	4	4	



PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: PÉNDOLAS y DIAGONALES 01

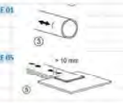
PUENTE ARCO RÍO CABE - RESULTADOS DE ESFUERZOS EN BARRAS:

NOTAS: (+) COMP!!!
(-) TRACC!!!

	BARNODE/CASE:	AXIL (kN)	PREDIM-2D	
1	1412/1132/ELU_FAT/93	-50.3	-43.4	1.16
2	1412/1132/ELU_FAT/27	-67.0	-63.8	1.05
3	1422/1138/ELU_FAT/107	43.8	41.9	1.05
4	1422/1138/ELU_FAT/47	-82.0	-78.7	1.05
5	1432/1234/ELU_FAT/121	49.5	46.9	1.06
6	1432/1234/ELU_FAT/59	-85.7	-82.8	1.04
7	1442/1130/ELU_FAT/134	55.3	51.6	1.07
8	1442/1130/ELU_FAT/71	-87.2	-85.1	1.02
9	1452/1142/ELU_FAT/75	54.5	51.6	1.06
10	1452/1142/ELU_FAT/137	-88.3	-85.0	1.04
11	1462/1148/ELU_FAT/89	-49.0	-47.2	1.04
12	1467/1148/ELU_FAT/150	-86.3	-82.6	1.04
13	1472/1154/ELU_FAT/102	42.7	41.9	1.02
14	1472/1154/ELU_FAT/163	-82.9	-78.1	1.06
15	1482/1160/ELU_FAT/117	49.6	43.2	1.15
16	1482/1160/ELU_FAT/165	-97.8	-95.8	1.02

	-50.3	51.6	1.07
	-97.8	-95.8	1.02
	143.6	136.7	

	1412 PÉND_01	1422 PÉND_02	1432 PÉND_03	1442 PÉND_04	1452 PÉND_05	1462 PÉND_06	1472 PÉND_07	1482 PÉND_08	
Nmin_C (kN) =	-50.3	-43.8	-40.5	-55.3	-54.5	-48.5	-42.7	-49.0	-55.3 < 0 COMP!!!
RATIO (%):	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Nmax_T (kN) =	117.9	82.0	85.7	87.7	88.3	88.5	82.0	97.8	88.5 > 0 TRACC!!!
ΔNtot (kN) =	117.9	125.8	135.2	142.5	142.8	135.2	125.0	117.4	142.8
ΔNd (kN) =	97.8	108.1	115.4	120.4	121.0	115.6	108.5	97.6	121.0
COEF_JUNTA:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
TIPO:	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS	
H / ϕ (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	
e (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	
esp (mm) =	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
Área (cm²) =	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
σ_fyk (MPa) =	355	355	355	355	355	355	355	355	
σ_fuk (MPa) =	510	510	510	510	510	510	510	510	
γM0 =	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
γM1 =	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	
γM2 =	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
ε =	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	
ΔσT_TUBO (MPa) =	17.0	18.9	20.1	21.0	21.1	20.2	18.9	17.0	
λ =	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	
ΔσT FAT (MPa) =	27.8	30.8	32.8	34.2	34.4	32.9	30.8	27.7	
CAT DETALLE (MPa) =	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	TABLA 8.1 UNE-EN 1993-1-9_DETALLE 01
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
ΔσId (MPa) =	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	
Γ =	0.24	0.26	0.28	0.29	0.29	0.28	0.26	0.24	0.29 < 1.00 OK!!!
ΔσT_PICO FLAUTA (MPa) =	45.0	49.0	49.0	49.7	49.5	49.0	49.0	45.0	TABLA 8.5 UNE-EN 1993-1-9_DETALLE 05
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
ΔσId (MPa) =	33.3	36.3	36.3	36.8	36.7	36.3	36.3	33.3	
Γ =	0.81	0.92	0.98	1.01	1.01	0.99	0.92	0.83	1.01 < 1.00 OK!!!
ΔσT_CHAPA UNIÓN (MPa) =	11.1	12.3	13.1	13.6	13.7	13.1	12.3	11.1	
λ =	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
ΔσT FAT (MPa) =	18.1	20.0	21.3	22.2	22.4	21.4	20.0	18.0	
CAT DETALLE (MPa) =	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	TABLA 8.5 UNE-EN 1993-1-9_DETALLE 04
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
ΔσId (MPa) =	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	
Γ =	0.60	0.54	0.58	0.60	0.60	0.58	0.54	0.49	0.60 < 1.00 OK!!!
Lsold (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	
Lresguardo (mm) =	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
a sold (mm) =	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
pie sold (mm) =	14	14	14	14	14	14	14	14	
L DETALLE (l) (mm) =	154	154	154	154	154	154	154	154	
e chapa (mm) =	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	
Nchapas =	2	2	2	2	2	2	2	2	
Lapertura 2:1 (mm) =	294	294	294	294	294	294	294	294	
A chapa (cm²) =	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	
Δσ_SOLDADURA (MPa) =	17.5	19.5	20.6	21.5	21.6	20.7	19.4	17.4	
λ =	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	
ΔσT FAT (MPa) =	28.5	31.8	33.6	35.0	35.2	33.7	31.8	28.4	
CAT DETALLE (MPa) =	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	TABLA 8.5 UNE-EN 1993-1-9_DETALLE 09
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
ΔσId (MPa) =	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	
Γ =	0.48	0.53	0.57	0.59	0.59	0.57	0.53	0.48	0.59 < 1.00 OK!!!
Lsold (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	
a sold (mm) =	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
Ncordones =	4	4	4	4	4	4	4	4	
ΔσT_PICO FLAUTA (MPa) =	17.0	18.9	20.1	21.0	21.1	20.2	18.9	17.0	
λ =	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	
ΔσT FAT (MPa) =	27.8	30.8	32.8	34.2	34.4	32.9	30.8	27.7	
CAT DETALLE (MPa) =	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	TABLA 8.6 UNE-EN 1993-1-9_DETALLE 02
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
ΔσId (MPa) =	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
Γ =	0.60	0.68	0.73	0.74	0.74	0.73	0.66	0.59	0.74 < 1.00 OK!!!





PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: SECCIÓN TIPO: PÉNDOLAS y DIAGONALES 01

PUENTE ARCO RÍO CABE - RESULTADOS DE ESFUERZOS EN BARRAS:

NOTA: (+) COMP!!!
(-) TRACC!!!

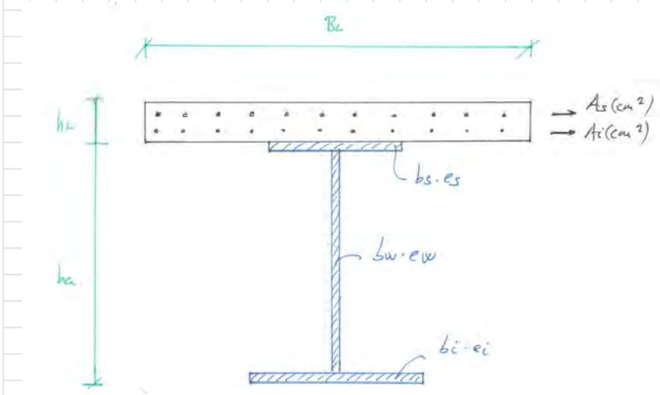
	BAR/NODE/CASE:	AXIL (kN)	PREDIM-2D	
1	1411/1212/ELU_FAT/20	38.3	32.1	1.19
2	1411/1412/ELU_FAT/81	-75.1	-78.1	0.96
3	1421/1218/ELU_FAT/40	40.3	36.5	1.10
4	1421/1218/ELU_FAT/95	-62.6	-62.4	1.00
5	1431/1224/ELU_FAT/51	46.8	44.0	1.06
6	1431/1224/ELU_FAT/109	-59.8	-57.6	1.03
7	1441/1230/ELU_FAT/62	46.1	43.6	1.06
8	1441/1230/ELU_FAT/123	-72.2	-69.3	1.04
9	1451/1242/ELU_FAT/147	46.4	43.5	1.07
10	1451/1242/ELU_FAT/87	-71.8	-69.3	1.04
11	1461/1248/ELU_FAT/150	46.8	44.0	1.06
12	1461/1248/ELU_FAT/100	-68.5	-67.6	1.02
13	1471/1254/ELU_FAT/170	40.0	36.6	1.09
14	1471/1254/ELU_FAT/114	-62.8	-62.4	1.01
15	1481/1260/ELU_FAT/190	37.7	32.0	1.18
16	1481/1260/ELU_FAT/129	-77.1	-78.1	0.99
		46.8	44.0	1.06
		-73.1	-78.1	0.93
		123.9	122.1	

	1411 PÉND_01	1421 PÉND_02	1431 PÉND_03	1441 PÉND_04	1451 PÉND_05	1461 PÉND_06	1471 PÉND_07	1481 PÉND_08	
Nmin_t_(kN)=	-86.3	-87.7	-86.8	-88.7	-86.4	-86.8	-87.0	-87.7	<0 U.LIMP!!!
RATIO (%)=	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Nmax_T (kN)=	75.1	63.6	66.8	73.3	71.8	68.5	63.6	77.1	77.1 <0 TRACC!!!
ΔNtot (kN) =	113.4	102.0	116.6	118.5	118.2	116.3	102.8	114.8	118.5
ΔNd (kN) =	98.1	86.8	97.9	100.0	99.6	97.6	86.8	99.7	100.0
COEF_JUNTA:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
TIPO:	RHS	RHS	RHS	RHS	RHS	RHS	RHS	RHS	
H / ϕ (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	
b (mm) =	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
esp (mm) =	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
Área (cm²) =	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	
σ_fyk (MPa) =	355	355	355	355	355	355	355	355	
σ_fuk (MPa) =	510	510	510	510	510	510	510	510	
γM0 =	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
γM1 =	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	
γM2 =	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
ε =	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	
Δσ_TUBO (MPa) =	22.7	20.1	22.7	23.1	23.1	22.6	20.1	23.1	
λ =	1.63	1.61	1.63	1.64	1.63	1.63	1.63	1.64	
Δσ_FAT (MPa) =	57.8	52.7	56.9	57.7	57.6	56.8	52.8	57.6	
CAT DETALLE (MPa) =	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	TABLA 8.1 UNE-EN 1993-1-9_DETALLE 01
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
Δσid (MPa) =	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	
Γ =	0.31	0.28	0.31	0.32	0.32	0.31	0.29	0.32	0.32 <1.00 OK!!!
Δσ_PICO FLAUTA (MPa) =	22.7	20.1	22.7	23.1	23.1	22.6	20.1	23.1	
λ =	1.63	1.61	1.63	1.64	1.63	1.63	1.63	1.64	
Δσ_FAT (MPa) =	57.8	52.7	56.9	57.7	57.6	56.8	52.8	57.6	
CAT DETALLE (MPa) =	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	TABLA 8.6 UNE-EN 1993-1-9_DETALLE 02
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
Δσid (MPa) =	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
Γ =	0.79	0.70	0.79	0.81	0.81	0.79	0.73	0.81	0.81 <1.00 OK!!!
Δτ_SOLDADURA (MPa) =	21.9	19.4	21.8	22.3	22.2	21.8	19.4	22.3	
λ =	3.03	3.00	3.03	3.05	3.03	3.03	3.03	3.06	
Δσ_FAT (MPa) =	35.7	31.0	35.6	36.4	36.3	35.5	31.0	36.3	
CAT DETALLE (MPa) =	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	TABLA 8.5 UNE-EN 1993-1-9_DETALLE 08
γMF =	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
Δσid (MPa) =	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
Γ =	0.69	0.59	0.69	0.71	0.69	0.69	0.63	0.71	0.71 <1.00 OK!!!
Lsold (mm) =	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	
a sold (mm) =	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
Ncordones =	4	4	4	4	4	4	4	4	

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - VIGA JUNTA

1. DEFINICIÓN GENERAL SECCIÓN TIPO



Losa de HORMIGÓN: $B_{efft} = 1.10$ m $\quad h_l = 0.250$ m

$f_{ck} = 35.0$ MPa $\quad Y_c = 1.50$

$$f_{cd} = 0.85 \cdot \frac{f_{ck}}{Y_c} = 19.8 \text{ MPa}$$

$$E_{cm} = 22000 \cdot \left(\frac{\frac{f_{ck}}{1 \text{ MPa}} + 8}{10} \right)^{0.3} \text{MPa} = 34077 \text{ MPa}$$

Viga Acero - ALAS: $b_s = 350$ mm $\quad e_s = 25$ mm

$$e_{min} = \frac{b_s}{20} = 18 \text{ mm}$$

$f_{yfs} = 355.0$ MPa $\quad Y_M = 1.05$

$$f_{ydfs} = \frac{f_{yfs}}{Y_M} = 338.1 \text{ MPa}$$

$b_i = 350$ mm $\quad e_i = 25$ mm

$$e_{min} = \frac{b_i}{30} = 12 \text{ mm}$$

$f_{yfi} = 355.0$ MPa

$$f_{ydfi} = \frac{f_{yfi}}{Y_M} = 338.1 \text{ MPa}$$

Viga Acero - ALMA: $h_a = 795$ mm

$h_w = h_a - e_s - e_i = 745$ mm $\quad e_w = 15$ mm

$f_{yw} = 355.0$ MPa $\quad \eta = 1.20$

$$f_{ydw} = \frac{f_{yw}}{Y_M} = 338.1 \text{ MPa}$$

$E_s = 210000$ MPa

$$n_0 = \frac{E_s}{E_{cm}} = 6.2$$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - VIGA JUNTA

2. FLEXIÓN POSITIVA - CAPACIDAD RESISTENTE

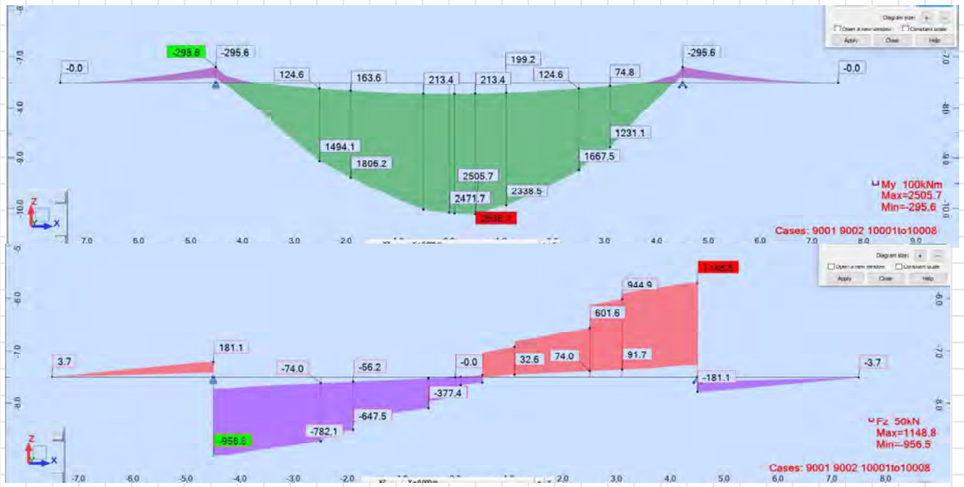
Capacidad Máxima LOSA HA: $C_{losa} = 5454\ kN$

Capacidad Máxima ALA SUP: $N_{alasup} = 2958\ kN$

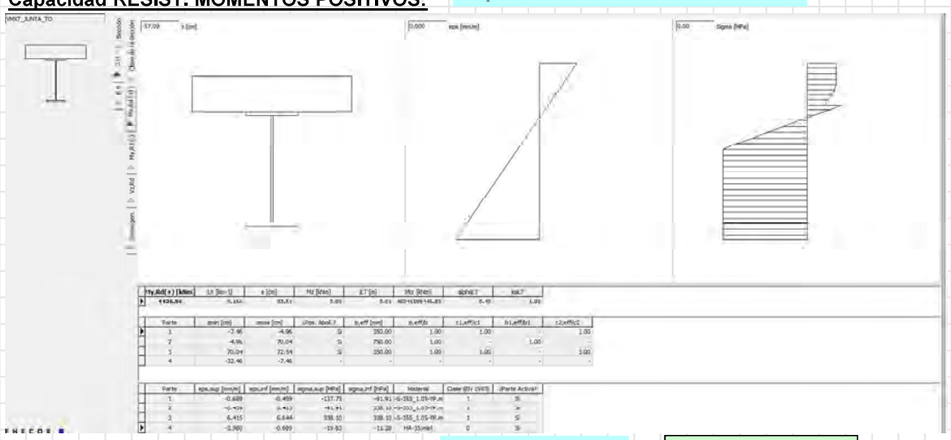
Capacidad Máxima ALMA: $N_{alma} = 3778\ kN$

Capacidad Máxima ALA INF: $N_{alainf} = 2958\ kN$ $N_{acero} = 9695\ kN$

TANTEO_Posición FNP frente a MOMENTOS POSITIVOS: $FNP_{pos} = "ALA_SUP"$ $ZNP_{pos_TOP} = 26.8\ cm$ $ZNP_{pos} = 1.8\ cm$



Capacidad RESIST. MOMENTOS POSITIVOS: $M_{Edpos} = 2510\ m\ kN \cdot 1.3 = 3263\ m\ kN$



$M_{Rupos} = 4430\ m\ kN$ $\eta_1 = \frac{M_{Edpos}}{M_{Rupos}} = 0.74$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - VIGA JUNTA

3. ESFUERZO CORTANTE - CAPACIDAD RESISTENTE

Capacidad RESIST. ESFUERZO CORTANTE: $V_{Edpos} = 1150\ kN \cdot 1.3 = 1495\ kN$

Capac. MÁXIMA a CORTANTE: $V_{plRd} = \eta \cdot \frac{\frac{f_{yw}}{\sqrt{3}}}{\gamma_M} \cdot h_w \cdot e_w = 2618\ kN$ $\eta_V = \frac{V_{Edpos}}{V_{plRd}} = 0.57$

Consideramos ALMA RIGIDIZADA_RIGID VERT INTERMEDIOS: Distancia RIDIZADORES: $a = 3000\ mm$

$\lambda_{alma} = \frac{h_w}{e_w} = 50$ $\lambda_{LIM_ALMARIGID} = 50$ $CHECK_ABOLLADURA = "NO\ CONSIDERAR"$ $k_t = 5.59$

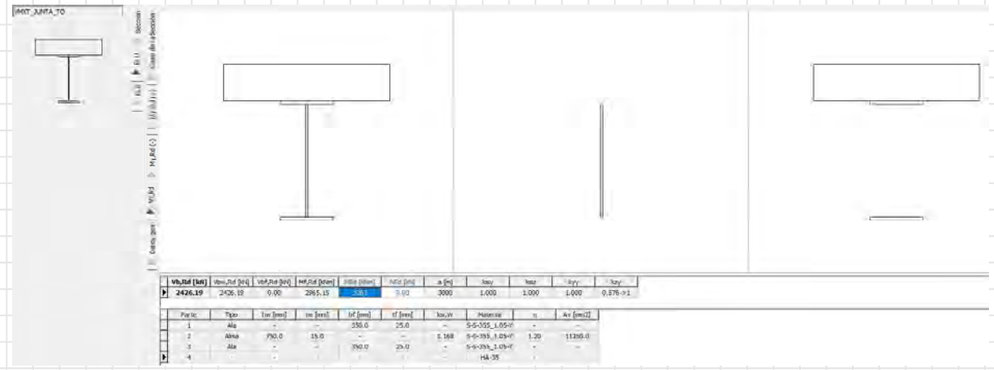
Esbeltez ALMA y Reducción por ABOLLADURA: $\lambda_{wNORIGID} = 0.71$ $\chi_{wNORIGID} = 1.17$ $V_{bwNORIGID} = 2446\ kN$

"PANEL EXTREMO NO RÍGIDO!"

$\lambda_{wRIGID} = 0.69$ $\chi_{wRIGID} = 1.20$ $V_{bwRIGID} = 2499\ kN$

"PANEL EXTREMO RÍGIDO!"

Capacidad ALAS MOMENTOS POSITIVOS: $M_{fRupos} = 2965\ m\ kN$ $\frac{M_{Edpos}}{M_{fRupos}} = 1.10$



Capacidad RESIST. ESFUERZO CORTANTE_TOTAL: $c = 0.88\ m$ $V_{bfRd} = 0\ kN$

$V_{Rd} = V_{bwRIGID} + V_{bfRd} = 2499\ kN$ $\frac{V_{Edpos}}{V_{Rd}} = 0.60$

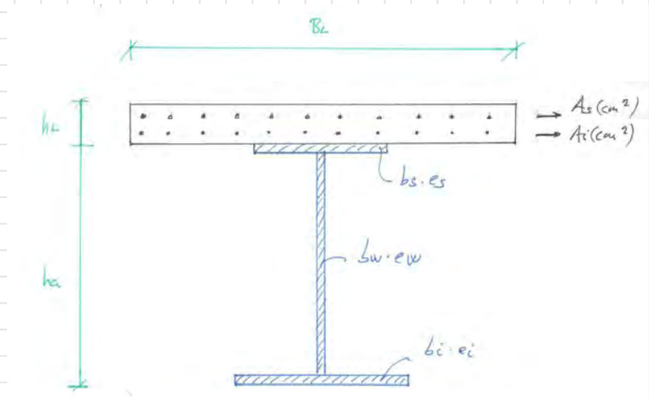
Interacción M - V:

	Capac. "ALAS"	Capac. "ALMA"
SIMPLIFICADO ->	$\frac{M_{Edpos}}{M_{fRupos}} = 1.10$	$\eta_3 = \frac{V_{Edpos}}{V_{bwRIGID}} = 0.60$
CHECK ->	$\eta_1 + \left(1 - \frac{M_{fRupos}}{M_{Rupos}}\right) \cdot \left(2 \cdot \eta_3 - 1\right)^2 = 0.75$	

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - VIGA JUNTA

1. DEFINICIÓN GENERAL SECCIÓN TIPO



Losa de HORMIGÓN: $B_{efl} = 2.25\ m$ $h_l = 0.250\ m$

$f_{ck} = 35.0\ MPa$ $\gamma_c = 1.50$

$$f_{cd} = 0.85 \cdot \frac{f_{ck}}{\gamma_c} = 19.8\ MPa$$

$$E_{cm} = 22000 \cdot \left(\frac{f_{ck}}{1\ MPa} + 8 \right)^{0.3} MPa = 34077\ MPa$$

Viga Acero - ALAS: $b_s = 350\ mm$ $e_s = 20\ mm$

$$e_{min} = \frac{b_s}{20} = 18\ mm$$

$f_{yfs} = 355.0\ MPa$ $\gamma_M = 1.05$

$$f_{ydfs} = \frac{f_{yfs}}{\gamma_M} = 338.1\ MPa$$

$b_i = 350\ mm$ $e_i = 20\ mm$

$$e_{min} = \frac{b_i}{30} = 12\ mm$$

$f_{yfi} = 355.0\ MPa$

$$f_{ydfi} = \frac{f_{yfi}}{\gamma_M} = 338.1\ MPa$$

Viga Acero - ALMA: $h_a = 795\ mm$

$$h_w = h_a - e_s - e_i = 755\ mm$$

$e_w = 12\ mm$

$f_{yw} = 355.0\ MPa$ $\eta = 1.20$

$$f_{ydw} = \frac{f_{yw}}{\gamma_M} = 338.1\ MPa$$

$E_s = 210000\ MPa$

$$n_0 = \frac{E_s}{E_{cm}} = 6.2$$

PUENTES METÁLICOS y MIXTOS

VIGA MIXTA DOBLE T_CAPACIDAD RESISTENTE_MPOS

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - VIGA JUNTA

2. FLEXIÓN POSITIVA - CAPACIDAD RESISTENTE

Capacidad Máxima LOSA HA: $C_{losa} = 11156\ kN$

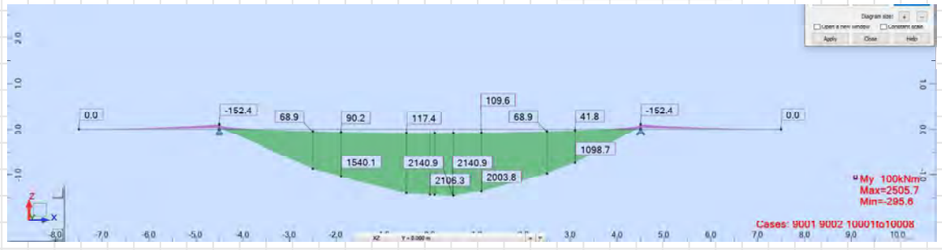
Capacidad Máxima ALA SUP: $N_{alasup} = 2367\ kN$

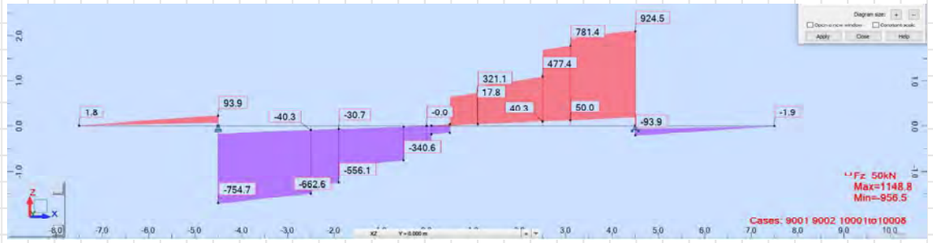
Capacidad Máxima ALMA: $N_{alma} = 3063\ kN$

Capacidad Máxima ALA INF: $N_{alainf} = 2367\ kN$ $N_{acero} = 7796\ kN$

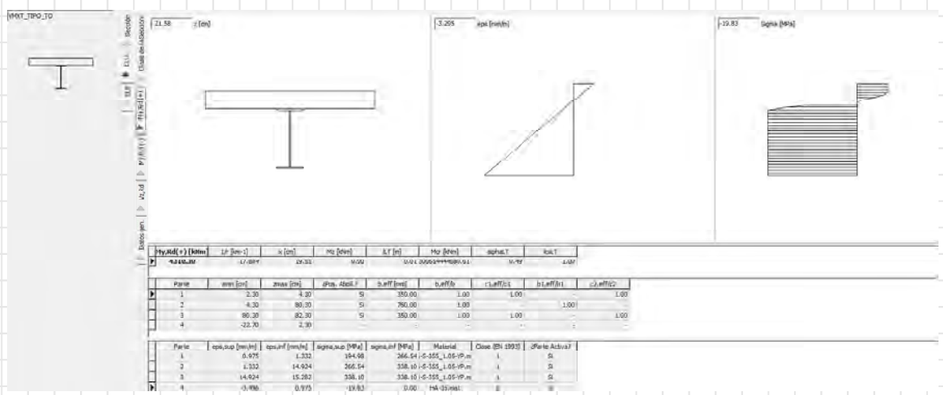
TANTEO_Posición FNP frente a MOMENTOS POSITIVOS: $FNP_{pos} = \text{"LOSA_HA"}$ $ZNP_{pos_TOP} = 17.5\ cm$

$ZNP_{pos} = 17.5\ cm$





Capacidad RESIST. MOMENTOS POSITIVOS: $M_{Edpos} = 2140\ m\ kN \cdot 1.3 = 2782\ m\ kN$



$M_{Rupos} = 4310\ m\ kN$

$$\eta_1 = \frac{M_{Edpos}}{M_{Rupos}} = 0.65$$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - VIGA JUNTA

3. ESFUERZO CORTANTE - CAPACIDAD RESISTENTE

Capacidad RESIST. ESFUERZO CORTANTE: $V_{Edpos} = 925\ kN \cdot 1.3 = 1202.5\ kN$

Capac. MÁXIMA a CORTANTE: $V_{plRd} = \eta \cdot \frac{\frac{f_{yw}}{\sqrt{3}}}{\gamma_M} \cdot h_w \cdot e_w = 2122\ kN$

$\eta_V = \frac{V_{Edpos}}{V_{plRd}} = 0.57$

Consideramos ALMA RIGIDIZADA_RIGID VERT INTERMEDIOS: Distancia RIDIZADORES: $a = 3000\ mm$

$\lambda_{alma} = \frac{h_w}{e_w} = 63$ $\lambda_{LIM_ALMARIGID} = 50$ $CHECK_ABOLLADURA = "CONSIDERAR"$ $k_t = 5.59$

Esbeltez ALMA y Reducción por ABOLLADURA: $\lambda_{wNORIGID} = 0.90$ $\chi_{wNORIGID} = 0.93$ $V_{bwNORIGID} = 1565\ kN$

"PANEL EXTREMO NO RÍGIDO!"

$\lambda_{wRIGID} = 0.87$ $\chi_{wRIGID} = 0.95$ $V_{bwRIGID} = 1603\ kN$

"PANEL EXTREMO RÍGIDO!"

Capacidad ALAS MOMENTOS POSITIVOS: $M_{fRupos} = 2782\ m\ kN$ $\frac{M_{Edpos}}{M_{fRupos}} = 1.00$



Capacidad RESIST. ESFUERZO CORTANTE_TOTAL: $c = 0.85\ m$ $V_{bfRd} = 0\ kN$

$V_{Rd} = V_{bwRIGID} + V_{bfRd} = 1603\ kN$

$\frac{V_{Edpos}}{V_{Rd}} = 0.75$

Interacción M - V:

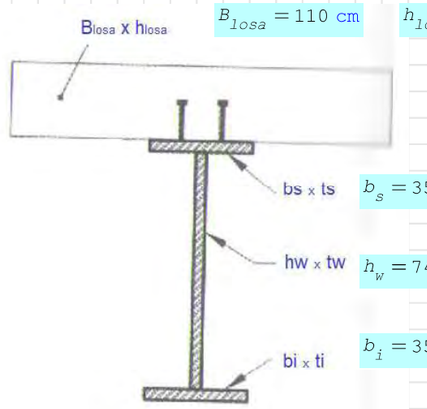
	Capac. "ALAS"	Capac. "ALMA"
SIMPLIFICADO ->	$\frac{M_{Edpos}}{M_{fRupos}} = 1.00$	$\eta_3 = \frac{V_{Edpos}}{V_{bwRIGID}} = 0.75$
CHECK ->	$\eta_1 + \left(1 - \frac{M_{fRupos}}{M_{Rupos}}\right) \cdot \left(2 \cdot \eta_3 - 1\right)^2 = 0.73$	

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - JUNTA

1.0 DEFINICIÓN SECCIÓN TIPO MIXTA

Definición Geométrica:



$B_{losa} = 110\ cm$ $h_{losa} = 25\ cm$

$b_s = 350\ mm$ $t_s = 25\ mm$

$h_w = 745\ mm$ $t_w = 15\ mm$

$b_i = 350\ mm$ $t_i = 25\ mm$

$h_{met} = t_s + h_w + t_i = 0.795\ m$

$h_{tot} = h_{losa} + t_s + h_w + t_i = 1.045\ m$

Características Materiales:

$E_c = 35.0\ GPa$ $f_{ck} = 35\ MPa$ $\gamma_c = 1.50$

$E_s = 210\ GPa$ $f_{yk} = 355\ MPa$ $\gamma_s = 1.00$

Propiedades SECCIÓN CONJUNTA:

$n = 6.0$

$A_{tot} = 745.08\ cm^2$ $I_{tot} = 816606\ cm^4$

$CDG_{tot_sup} = 32.6\ cm$

$CDG_{tot_inf} = 71.9\ cm$

$S_{losa} = 9217\ cm^3$ $Z_{mec} = 0.886\ m$

2.0 OBTENCIÓN DE ESFUERZOS INTERNOS ELÁSTICOS EN LOSA Y VIGA

Esfuerzos de Cálculo: $M = 0\ m\ kN$ $V = 1150\ kN \cdot 1.3 = 1495\ kN$

Esfuerzos Inernnos:

Axil (PAR)..... $N_{int} = 0.0\ kN$

Momento Losa..... $M_{losa} = 0.0\ m\ kN$

Momento Viga..... $M_{viga} = 0.0\ m\ kN$

Rasante (VIGA-LOSA)..... $R = 1687.3\ \frac{kN}{m}$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - JUNTA

3.0 COMPROBACIÓN CAPACIDAD RESISTENTE DE CONECTORES TIPO "STUD"

NOTA: CÁLCULOS VÁLIDOS PARA PERNOS TIPO "STUD 16 a 25mm

Resistencia a la tracción	Límite elástico mínimo	Alargamiento porcentual en rotura	Reducción de área
$R_m \geq 450\ N/mm^2$	$R_{eH} \geq 350\ N/mm^2$	$A_5 \geq 15\%$	50%

Diámetro del Conectador: $\phi = 19\ mm$

$\phi_{max_ALAC} = 2.0 \cdot t_s = 50\ mm$

$\phi_{max_ALAT} = 1.5 \cdot t_s = 38\ mm$

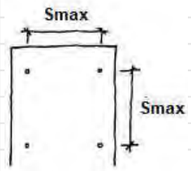
Longitud del Conectador: $l = 175\ m$

$l_{imn} = 3 \cdot \phi = 57\ mm$

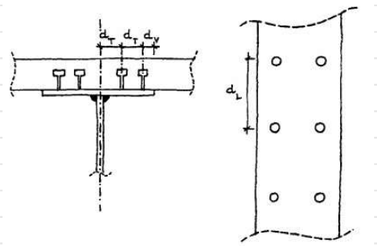
Capacidad RESISTENTE: $P_{rd} = 81.7\ kN$

4.0 DISPOSICIONES CONSTRUCTIVAS PARA LOS CONECTADORES TIPO "STUD"

- Separación MÁXIMA entre Conectadores: $S_{max} = \min\left(\left[\ 800\ mm\ \ 4 \cdot h_{losa}\ \right]\right) = 800\ mm$



- Separación MÁXIMA para ABOLLADURA del ALA SUPERIOR:



$d_{lmax} = 22 \cdot t_s \cdot \sqrt{\frac{235\ MPa}{f_{yk}}} = 447\ mm$

$d_{tmax} = 35 \cdot t_s \cdot \sqrt{\frac{235\ MPa}{f_{yk}}} = 712\ mm$

$d_{vmax} = 9 \cdot t_s \cdot \sqrt{\frac{235\ MPa}{f_{yk}}} = 183\ mm$

- Separación MINIMA entre Conectadores:

$d_{lmin} = 5 \cdot \phi = 95\ mm$

$d_{tmin} = 2.5 \cdot \phi = 48\ mm$

$d_{vmin} = 25\ mm$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - JUNTA

5.0 CÁLCULO DE LA CONEXIÓN CON CONECTADORES TIPO "STUD"

En X = 0.0m... $V_0 = 1500\ kN$ $R_0 = \frac{S_{losa}}{I_{tot}} \cdot V_0 = 1693\ \frac{kN}{m}$ $2 \cdot \frac{P_{rd}}{0.10\ m} = 1633\ \frac{kN}{m}$

En X = 1.0m.... $V_1 = 1278\ kN$ $R_1 = \frac{S_{losa}}{I_{tot}} \cdot V_1 = 1442\ \frac{kN}{m}$

En X = 2.0m.... $V_2 = 1056\ kN$ $R_2 = \frac{S_{losa}}{I_{tot}} \cdot V_2 = 1192\ \frac{kN}{m}$ $2 \cdot \frac{P_{rd}}{0.125\ m} = 1307\ \frac{kN}{m}$

En X = 3.0m.... $V_3 = 834\ kN$ $R_3 = \frac{S_{losa}}{I_{tot}} \cdot V_3 = 941\ \frac{kN}{m}$

En X = 3.5m.... $V_{3.5} = 723\ kN$ $R_{3.5} = \frac{S_{losa}}{I_{tot}} \cdot V_{3.5} = 816\ \frac{kN}{m}$ $2 \cdot \frac{P_{rd}}{0.15\ m} = 1089\ \frac{kN}{m}$

Comprobación de la Armadura Transversal de Rasante: $\tau_{Rd} = 0.25 \cdot 0.21 \cdot \left(\frac{f_{ck}}{1.0\ MPa}\right)^{\frac{2}{3}} \cdot \frac{1}{\gamma_c} \cdot 1\ MPa = 0.37\ MPa$

$A_{11} = 2 \cdot 0.25\ m = 5000\ \frac{cm^2}{m}$ $0.2 \cdot \frac{f_{ck}}{\gamma_c} \cdot A_{11} = 2333\ \frac{kN}{m}$ $2.5 \cdot \tau_{Rd} \cdot A_{11} = 468\ \frac{kN}{m}$

$A_{22} = (2 \cdot 0.175\ m + 0.125\ m) = 4750\ \frac{cm^2}{m}$ $0.2 \cdot \frac{f_{ck}}{\gamma_c} \cdot A_{22} = 2217\ \frac{kN}{m}$ $2.5 \cdot \tau_{Rd} \cdot A_{22} = 445\ \frac{kN}{m}$

Zona_1 - 1:

$\frac{1633\ \frac{kN}{m} - 468\ \frac{kN}{m}}{\frac{435\ MPa}{4}} = 6.7\ \frac{cm^2}{m}$

$\frac{1307\ \frac{kN}{m} - 468\ \frac{kN}{m}}{\frac{435\ MPa}{4}} = 4.8\ \frac{cm^2}{m}$

$\frac{1089\ \frac{kN}{m} - 468\ \frac{kN}{m}}{\frac{435\ MPa}{4}} = 3.6\ \frac{cm^2}{m}$

Zona_2 - 2:

$\frac{1633\ \frac{kN}{m} - 445\ \frac{kN}{m}}{\frac{435\ MPa}{2}} = 13.7\ \frac{cm^2}{m}$

$\frac{1307\ \frac{kN}{m} - 445\ \frac{kN}{m}}{\frac{435\ MPa}{2}} = 9.9\ \frac{cm^2}{m}$

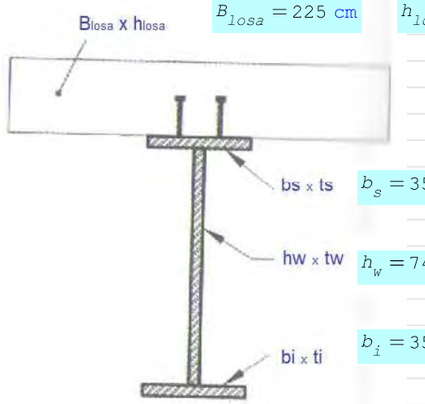
$\frac{1089\ \frac{kN}{m} - 445\ \frac{kN}{m}}{\frac{435\ MPa}{2}} = 7.4\ \frac{cm^2}{m}$

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - TIPO

1.0 DEFINICIÓN SECCIÓN TIPO MIXTA

Definición Geométrica:



$B_{losa} = 225$ cm $h_{losa} = 25$ cm

$b_s = 350$ mm $t_s = 20$ mm

$h_w = 745$ mm $t_w = 12$ mm

$b_i = 350$ mm $t_i = 20$ mm

$h_{met} = t_s + h_w + t_i = 0.785$ m

$h_{tot} = h_{losa} + t_s + h_w + t_i = 1.035$ m

Características Materiales:

$E_c = 35.0$ GPa $f_{ck} = 35$ MPa $\gamma_c = 1.50$

$E_s = 210$ GPa $f_{yk} = 355$ MPa $\gamma_s = 1.00$

Propiedades SECCIÓN CONJUNTA:

$n = 6.0$

$A_{tot} = 1166.90$ cm^2

$CDG_{tot_sup} = 22.7$ cm

$CDG_{tot_inf} = 80.8$ cm

$I_{tot} = 788626$ cm^4

$S_{losa} = 9538$ cm^3

$Z_{mec} = 0.827$ m

2.0 OBTENCIÓN DE ESFUERZOS INTERNOS ELÁSTICOS EN LOSA Y VIGA

Esfuerzos de Cálculo: $M = 0$ m kN $V = 925$ kN $\cdot 1.3 = 1203$ kN

Esfuerzos Inernnos:

Axil (PAR)..... $N_{int} = 0.0$ kN

Momento Losa..... $M_{losa} = 0.0$ m kN

Momento Viga..... $M_{viga} = 0.0$ m kN

Rasante (VIGA-LOSA)..... $R = 1454.3 \frac{kN}{m}$

CÁLCULO DE ESTRUCTURAS MIXTAS

COMPROBACIÓN PERNOS CONECTORES EN SECCIÓN I

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - TIPO

3.0 COMPROBACIÓN CAPACIDAD RESISTENTE DE CONECTORES TIPO "STUD"

NOTA: CÁLCULOS VÁLIDOS PARA PERNOS TIPO "STUD 16 a 25mm

Resistencia a la tracción	Límite elástico mínimo	Alargamiento porcentual en rotura	Reducción de área
$R_m \geq 450$ N/mm^2	$R_{eH} \geq 350$ N/mm^2	$A_5 \geq 15\%$	50%

Diámetro del Conectador: $\phi = 19$ mm

$\phi_{max_ALAC} = 2.0 \cdot t_s = 40$ mm

$\phi_{max_ALAT} = 1.5 \cdot t_s = 30$ mm

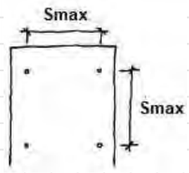
Longitud del Conectador: $l = 175$ m

$l_{imn} = 3 \cdot \phi = 57$ mm

Capacidad RESISTENTE: $P_{rd} = 81.7$ kN

4.0 DISPOSICIONES CONSTRUCTIVAS PARA LOS CONECTADORES TIPO "STUD"

- Separación MÁXIMA entre Conectadores: $S_{max} = \min\left(\left[\ 800\ \text{mm}\ \ 4 \cdot h_{losa}\ \right]\right) = 800$ mm

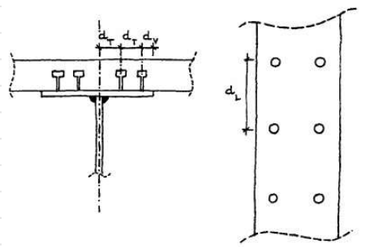


- Separación MÁXIMA para ABOLLADURA del ALA SUPERIOR:

$d_{lmax} = 22 \cdot t_s \cdot \sqrt{\frac{235\ \text{MPa}}{f_{yk}}} = 358$ mm

$d_{tmax} = 35 \cdot t_s \cdot \sqrt{\frac{235\ \text{MPa}}{f_{yk}}} = 570$ mm

$d_{vmax} = 9 \cdot t_s \cdot \sqrt{\frac{235\ \text{MPa}}{f_{yk}}} = 146$ mm



- Separación MINIMA entre Conectadores:

$d_{lmin} = 5 \cdot \phi = 95$ mm

$d_{tmin} = 2.5 \cdot \phi = 48$ mm

$d_{vmin} = 25$ mm

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: VIGAS TRANSVERSALES - TIPO

5.0 CÁLCULO DE LA CONEXIÓN CON CONECTADORES TIPO "STUD"

En X = 0.0m... $V_0 = 1200\ kN$ $R_0 = \frac{S_{losa}}{I_{tot}} \cdot V_0 = 1451\ \frac{kN}{m}$ $2 \cdot \frac{P_{rd}}{0.10\ m} = 1633\ \frac{kN}{m}$

En X = 1.0m.... $V_1 = 1022\ kN$ $R_1 = \frac{S_{losa}}{I_{tot}} \cdot V_1 = 1236\ \frac{kN}{m}$

En X = 2.0m.... $V_2 = 844\ kN$ $R_2 = \frac{S_{losa}}{I_{tot}} \cdot V_2 = 1021\ \frac{kN}{m}$ $2 \cdot \frac{P_{rd}}{0.15\ m} = 1089\ \frac{kN}{m}$

En X = 3.0m.... $V_3 = 666\ kN$ $R_3 = \frac{S_{losa}}{I_{tot}} \cdot V_3 = 805\ \frac{kN}{m}$

En X = 3.5m.... $V_{3.5} = 577\ kN$ $R_{3.5} = \frac{S_{losa}}{I_{tot}} \cdot V_{3.5} = 698\ \frac{kN}{m}$ $2 \cdot \frac{P_{rd}}{0.20\ m} = 817\ \frac{kN}{m}$

Comprobación de la Armadura Transversal de Rasante: $\tau_{Rd} = 0.25 \cdot 0.21 \cdot \left(\frac{f_{ck}}{1.0\ MPa}\right)^{\frac{2}{3}} \cdot \frac{1}{\gamma_c} \cdot 1\ MPa = 0.37\ MPa$

$A_{11} = 2 \cdot 0.25\ m = 5000\ \frac{cm^2}{m}$ $0.2 \cdot \frac{f_{ck}}{\gamma_c} \cdot A_{11} = 2333\ \frac{kN}{m}$ $2.5 \cdot \tau_{Rd} \cdot A_{11} = 468\ \frac{kN}{m}$

$A_{22} = (2 \cdot 0.175\ m + 0.125\ m) = 4750\ \frac{cm^2}{m}$ $0.2 \cdot \frac{f_{ck}}{\gamma_c} \cdot A_{22} = 2217\ \frac{kN}{m}$ $2.5 \cdot \tau_{Rd} \cdot A_{22} = 445\ \frac{kN}{m}$

Zona_1 - 1:

$$\frac{1633\ \frac{kN}{m} - 468\ \frac{kN}{m}}{\frac{435\ MPa}{4}} = 6.7\ \frac{cm^2}{m}$$

$$\frac{1089\ \frac{kN}{m} - 468\ \frac{kN}{m}}{\frac{435\ MPa}{4}} = 3.6\ \frac{cm^2}{m}$$

$$\frac{817\ \frac{kN}{m} - 468\ \frac{kN}{m}}{\frac{435\ MPa}{4}} = 2.0\ \frac{cm^2}{m}$$

Zona_2 - 2:

$$\frac{1633\ \frac{kN}{m} - 445\ \frac{kN}{m}}{\frac{435\ MPa}{2}} = 13.7\ \frac{cm^2}{m}$$

$$\frac{1089\ \frac{kN}{m} - 445\ \frac{kN}{m}}{\frac{435\ MPa}{2}} = 7.4\ \frac{cm^2}{m}$$

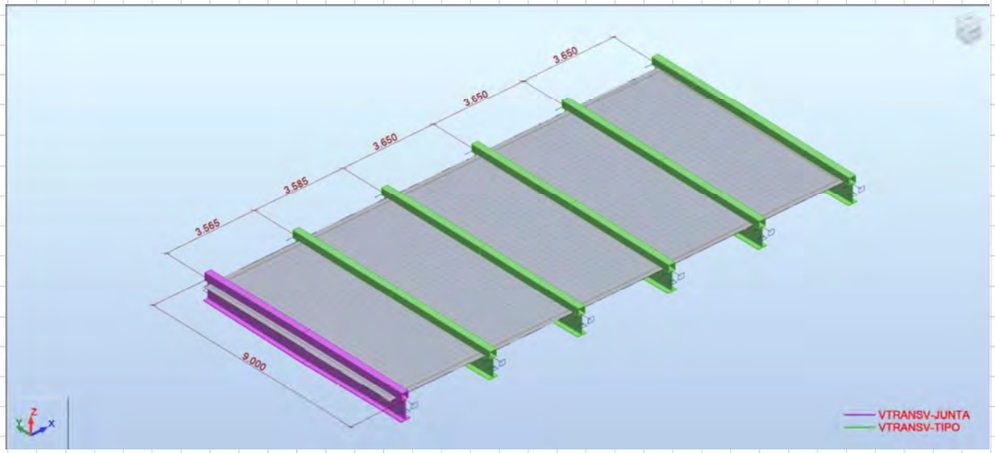
$$\frac{817\ \frac{kN}{m} - 445\ \frac{kN}{m}}{\frac{435\ MPa}{2}} = 4.3\ \frac{cm^2}{m}$$

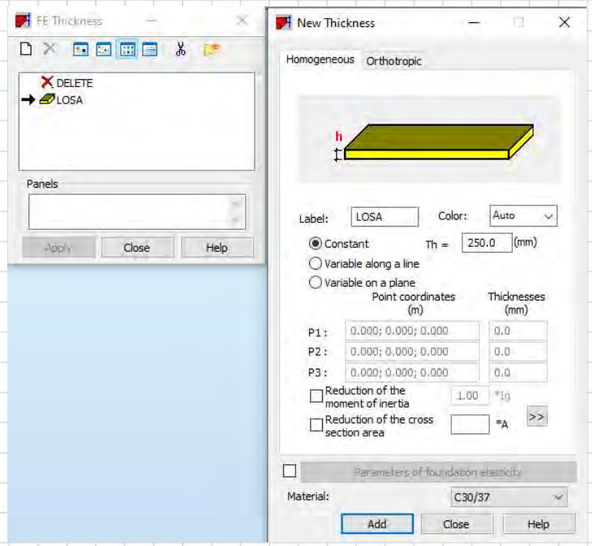
PROYECTO:

FECHA: **HOJA:** **DE**

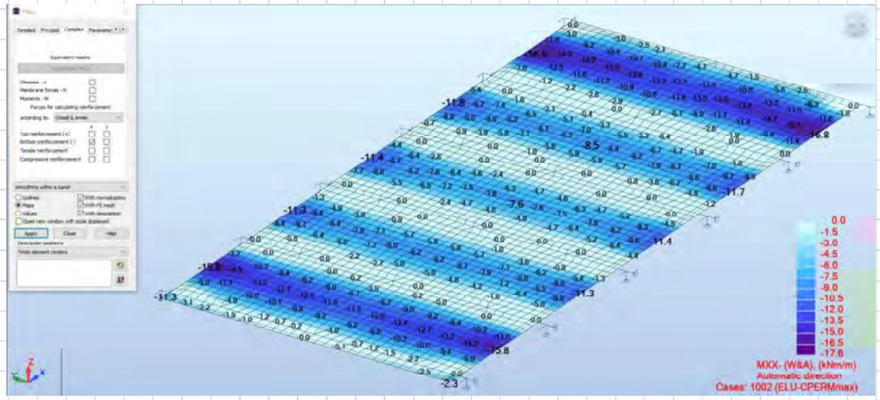
ARCO RÍO CABE (MONFORTE) – LOSA DE TABLERO

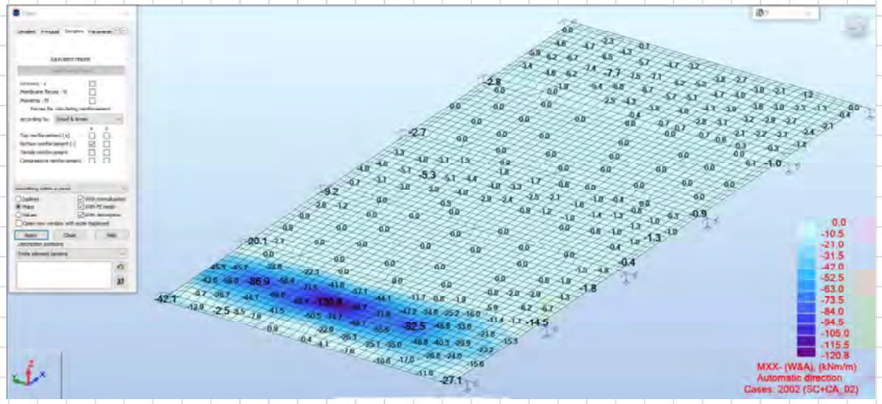
1.) DEFINICIÓN GEOMÉTRICA:

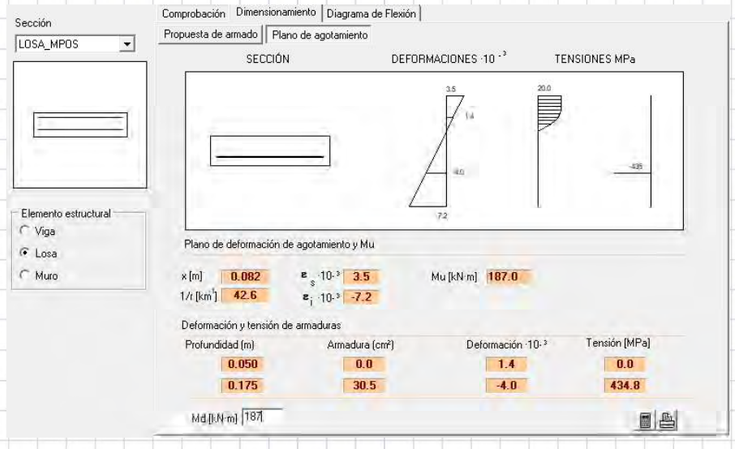


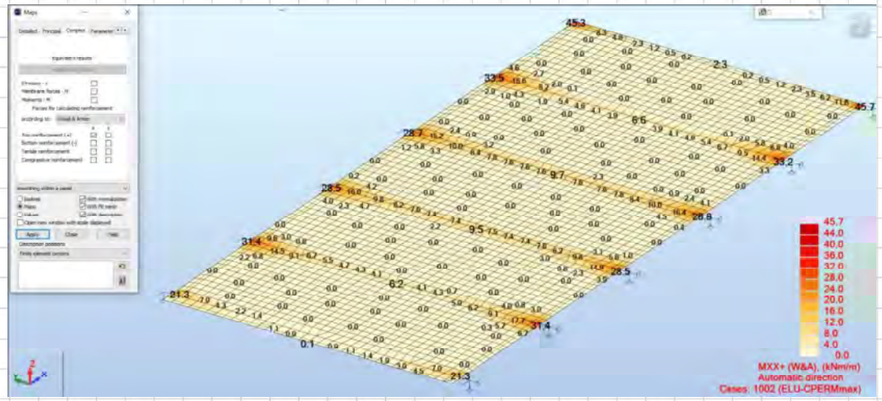


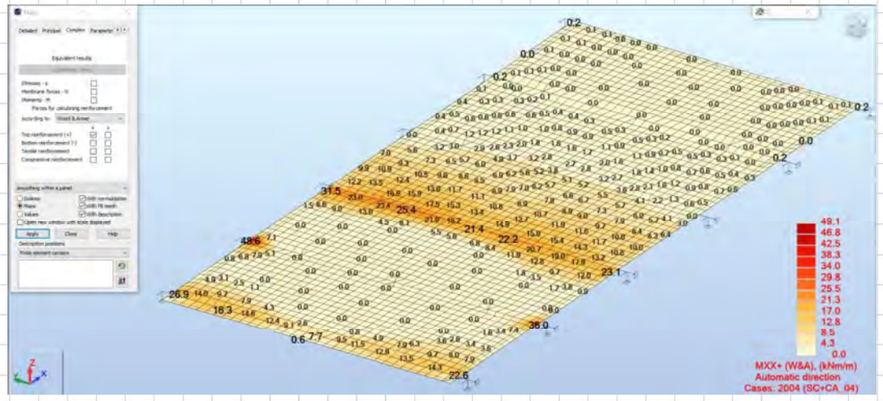
2.) COMPROBACIONES SIMPLIFICADAS ELU FLEXIÓN y CORTANTE:

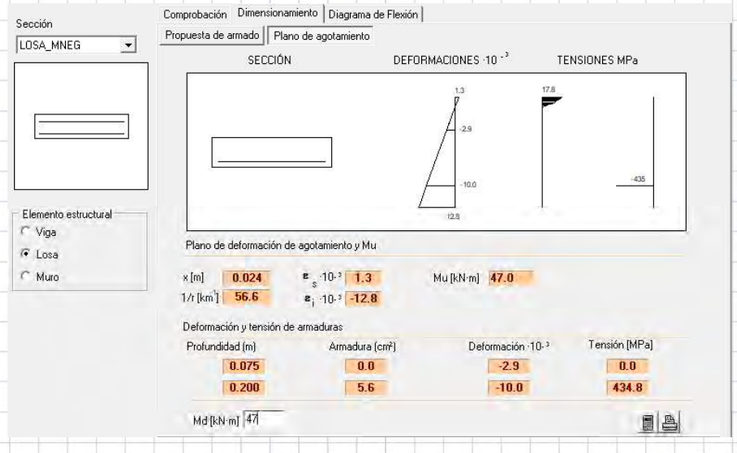




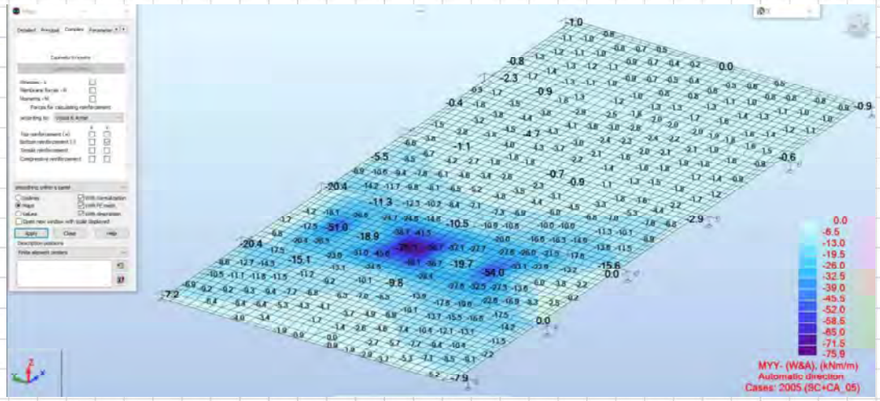


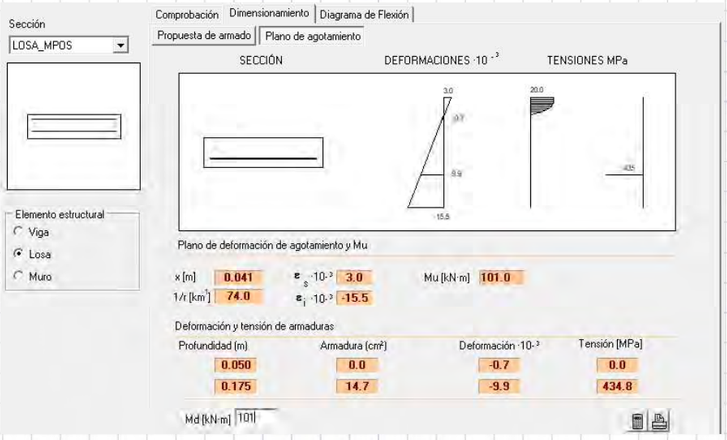




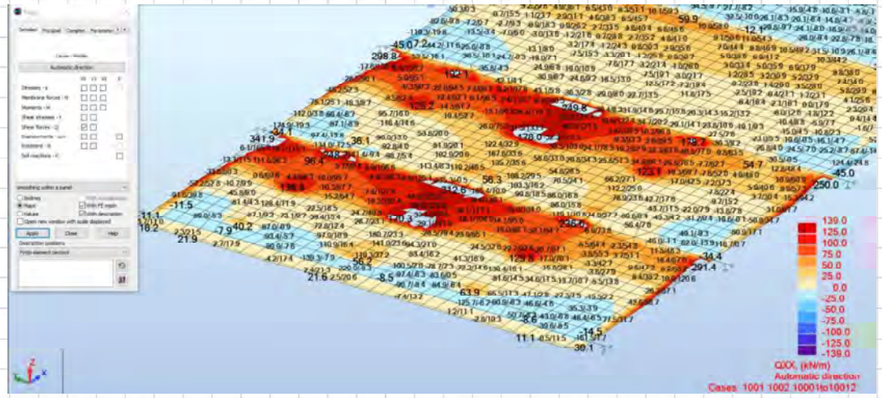


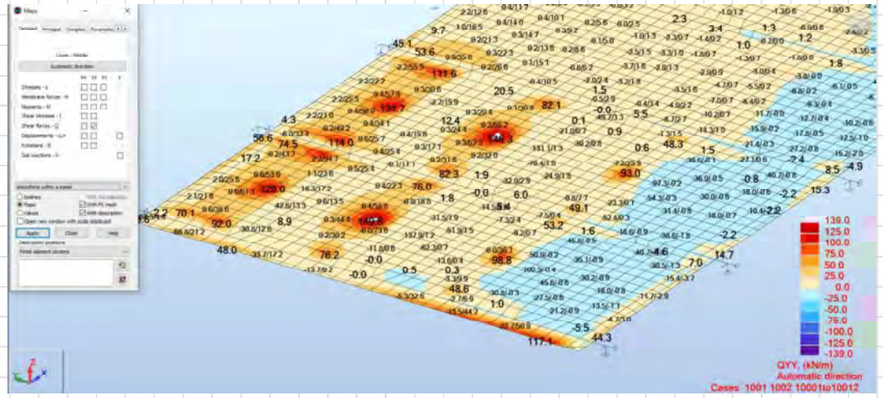
NETO ingeniería	PROYECTO:	
	FECHA:	HOJA: DE

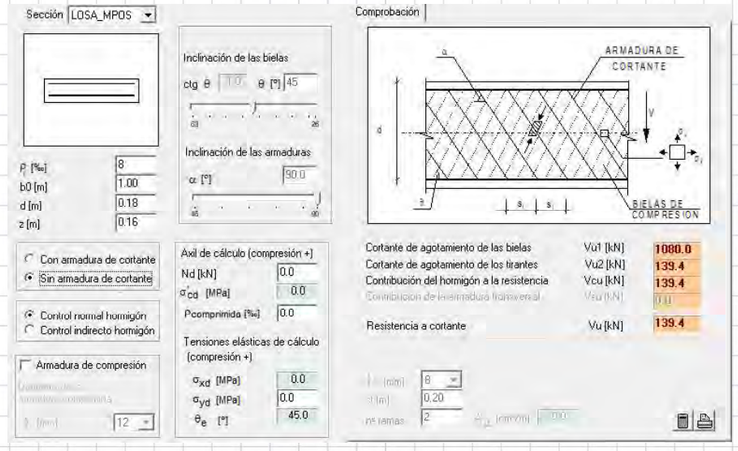


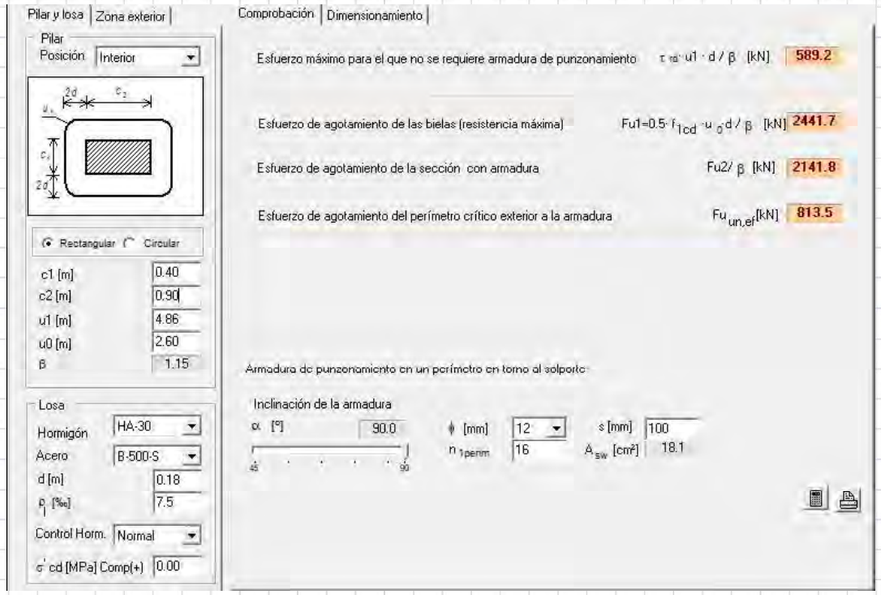


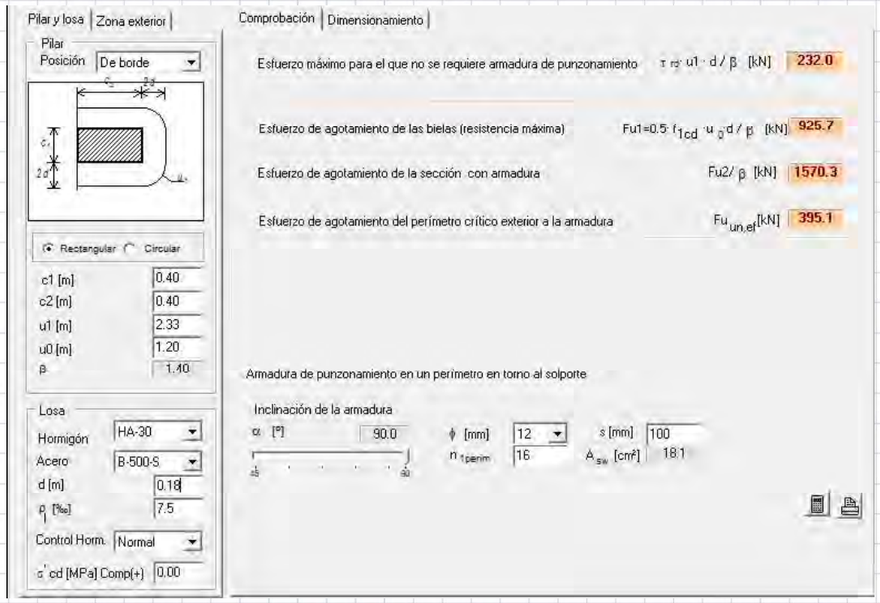
NETO ingeniería	PROYECTO:	
	FECHA:	HOJA: DE









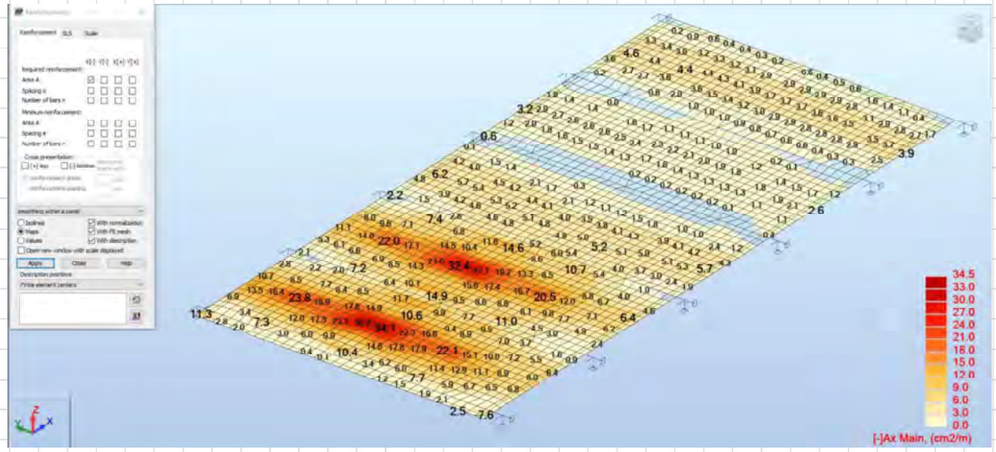


PROYECTO:

FECHA: HOJA: DE

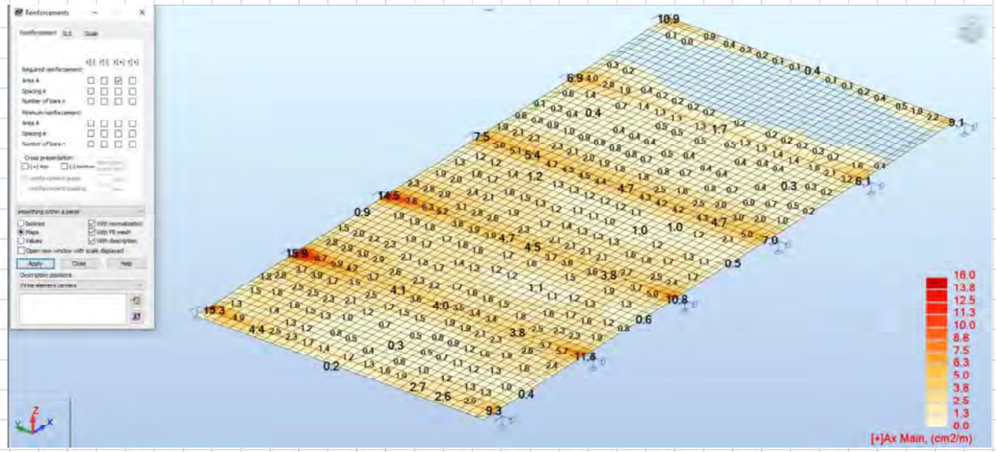
3.) RESULTADOS DEL CÁLCULO:

-> Arm Longitudinal INFERIOR (cm²/m):



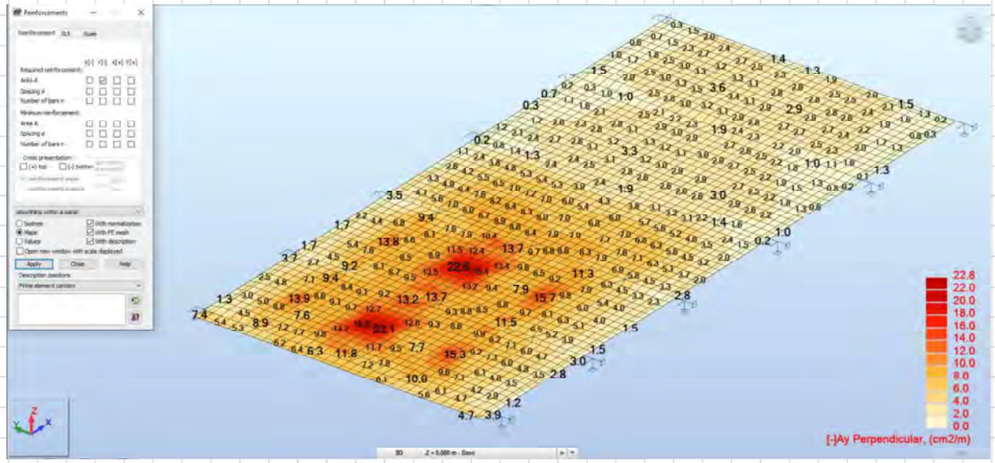
- Se dispone ϕ20@0.10 INF

-> Arm Longitudinal SUPERIOR (cm²/m):



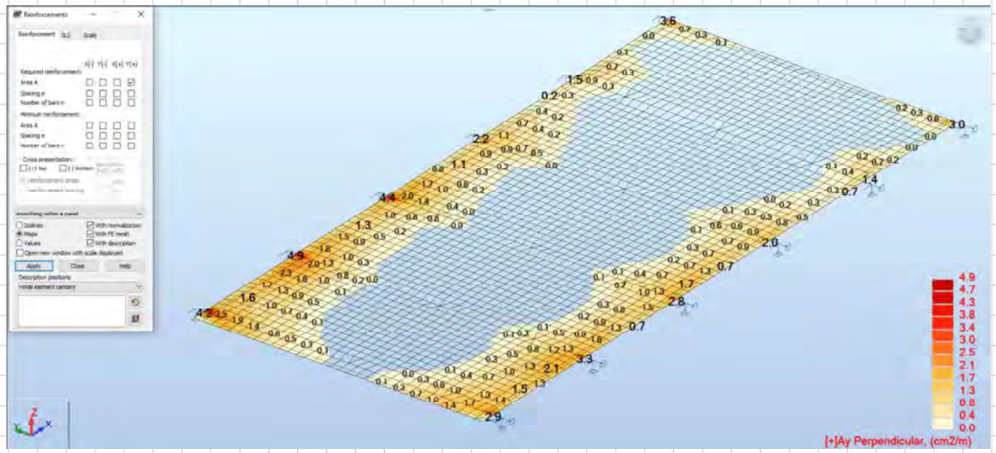
- Se dispone ϕ12@0.10 SUP

-> Arm Transversal INFERIOR (cm²/m):



- Se dispone ϕ20@0.15 INF

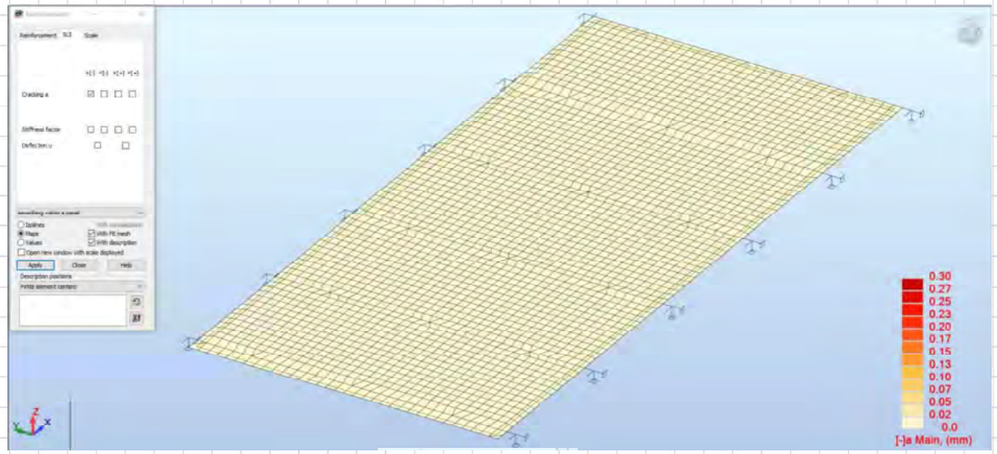
-> Arm Transversal SUPERIOR (cm²/m):



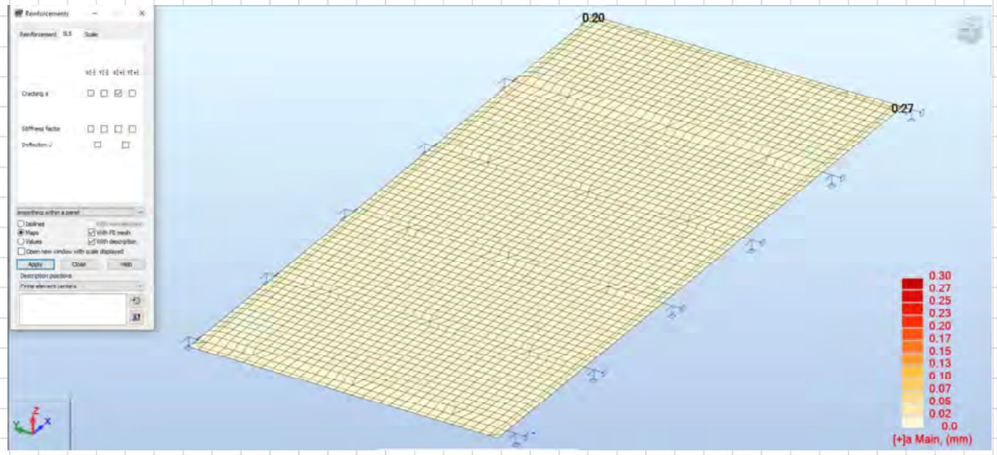
- Se dispone ϕ12@0.15 SUP

PROYECTO:
FECHA: HOJA: DE

Fisuración LONG_INF:



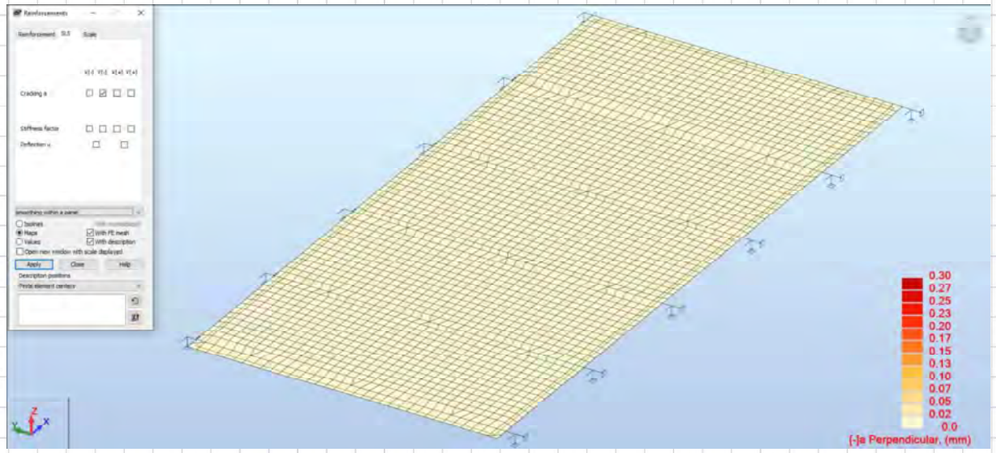
Fisuración LONG_SUP:



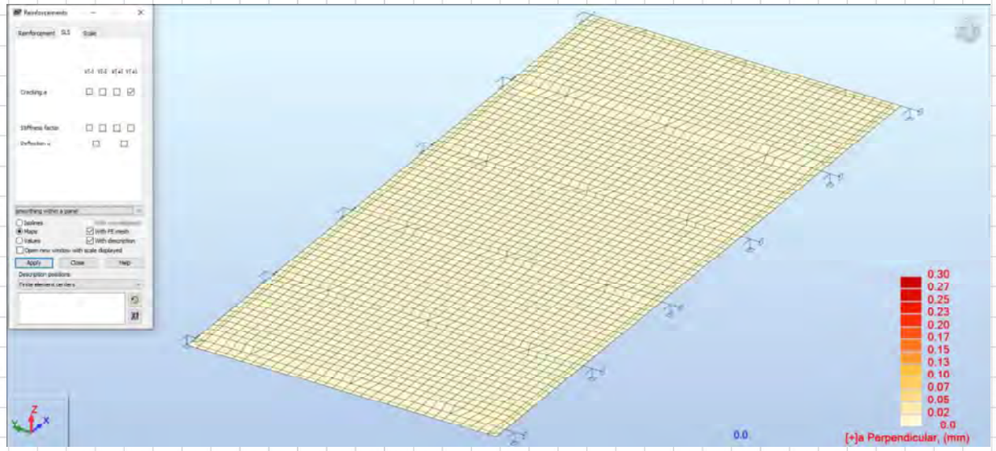
PROYECTO:

FECHA: HOJA: DE

Fisuración TRANSV_INF:



Fisuración TRANSV_SUP:



NETO ingeniería

COMPROBACIÓN DEL FORJADO COLABORANTE

Según EN 1994-1

1. DEFINICIÓN GENERAL DEL FORJADO COLABORANTE

Para materializar la Plataforma de la Pasarela se empleará un Forjado Colaborante, tipo "Hiansa MT-100" Ó SIMILAR

Hiansa
Grupo Hiemesa

REV. 01 - enero 2020

MT-100

PROPIEDADES



MATERIA PRIMA: Acero

ESPESORES (mm) 0.75 hasta 1.2

ACABADO Galvanizado

ANCHO ÚTIL: 675 mm

	ESPESOR (mm)			
	0.75	0.80	1.00	1.20
P (kg/m²)	10,90	11,63	14,54	17,44
I (cm⁴/m)	182,64	195,78	244,81	294,72
W (cm³/m)- fibra superior	31,95	34,50	43,09	52,06
A_p (mm²/m)	1.297	1.385	1.732	2.078

P= peso perfil por metro cuadrado I= inercia perfil por metro lineal W= módulo resistente perfil por metro lineal
A_p= sección útil de acero por metro lineal

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Las Cargas de USO a soportar por este Forjado serán:

- Peso Propio Forjado 6 + 6..... $PP := 2.50 \frac{kN}{m^2}$
- Carga Muerta de Pavimento (10cm HORM)..... $CM := 2.60 \frac{kN}{m^2}$
- Sobrecarga de Uso (PEATONAL)..... $SCU := 5.00 \frac{kN}{m^2}$

CARGA TOTAL de DISEÑO (ELS - SIN PP) $Q_d := CM + SCU = 7.60 \frac{kN}{m^2}$

NOTA: La LUZ MÁXIMA de Apoyo de la Chapa será menor o igual a $L_{uz} := 3.65\ m$

Para 2 ó MAS Vanos CONTINUOS.....

MT-100 - DISPOSICIÓN 2 VANOS - 3 APOYOS — SOBRECARGAS ESTÁTICAS (daN/m²) **ESPESOR 1.00mm**

LUZ (m) \ H (cm)	14	15	16	17	18	19	20	21	22	23	24	25
2,00	1314	1460	1604	1705	1775	1844	1911	1976	2041	2103	2165	2225
2,20	1178	1310	1439	1529	1590	1650	1709	1767	1824	1879	1932	1985
2,40	1066	1184	1300	1381	1436	1489	1542	1593	1643	1691	1739	1785
2,60	970	1078	1184	1257	1305	1353	1400	1445	1490	1533	1575	1616
2,80	889	987	1084	1150	1194	1236	1278	1319	1358	1397	1435	1471
3,00	818	908	997	1057	1097	1135	1172	1209	1245	1279	1313	1346
3,20	756	839	921	976	1012	1046	1080	1113	1145	1176	1207	1236
3,40	701	778	854	905	937	968	999	1028	1057	1085	1113	1139
3,60	652	724	794	841	870	899	926	953	979	1005	1029	1053
3,80	609	676	741	784	811	837	862	886	910	932	954	976
4,00	570	632	693	733	757	781	803	825	847	867	887	906
4,20	534	593	650	688	673	727	751	771	790	808	826	844
4,40	502	453	501	550	598	646	694	721	738	755	771	787
4,60	361	404	446	489	532	575	618	660	691	706	721	734
4,80	322	360	398	436	474	512	550	588	626	661	674	687
5,00	287	321	355	389	422	456	490	524	558	592	626	643
5,20	256	286	316	346	377	407	437	467	497	528	558	588
5,40	228	255	282	309	336	362	389	416	443	470	497	523
5,60	203	227	251	275	299	322	346	370	394	418	442	466
5,80	181	202	223	244	265	286	308	329	350	371	392	413
6,00	160	179	198	216	235	254	272	291	310	329	347	366
6,20	142	158	175	191	208	224	241	257	273	290	306	323
6,40	125	139	154	168	183	197	211	226	240	255	269	283
6,60	109	122	135	147	160	172	185	197	210	222	235	248
6,80	95	106	117	128	139	149	160	171	182	193	204	215
7,00	82	91	101	110	119	129	138	147	156	166	175	184

MT-100 - DISPOSICIÓN 3 VANOS - 4 APOYOS — SOBRECARGAS ESTÁTICAS (daN/m²) **ESPESOR 1.00mm**

LUZ (m) \ H (cm)	14	15	16	17	18	19	20	21	22	23	24	25
2,00	1376	1529	1680	1786	1860	1932	2003	2072	2140	2206	2271	2335
2,20	1235	1372	1508	1602	1667	1731	1793	1854	1914	1972	2029	2085
2,40	1117	1242	1364	1449	1507	1563	1619	1673	1726	1777	1828	1877
2,60	1018	1131	1242	1319	1371	1421	1471	1519	1566	1612	1657	1701
2,80	933	1036	1138	1208	1254	1300	1344	1387	1429	1471	1511	1550
3,00	859	954	1047	1111	1153	1194	1234	1273	1311	1348	1384	1419
3,20	794	882	968	1027	1065	1102	1138	1173	1207	1241	1273	1305
3,40	737	819	899	952	987	1020	1053	1085	1116	1146	1175	1204
3,60	687	762	837	886	917	948	978	1007	1035	1062	1088	1114
3,80	641	712	781	827	855	883	910	936	962	987	1010	1034
4,00	601	666	731	774	695	751	807	863	896	919	940	961
4,20	564	625	686	565	614	664	713	763	812	857	877	896
4,40	530	413	457	500	544	588	632	675	719	763	807	836
4,60	327	366	405	444	482	521	560	599	637	676	715	754
4,80	291	325	359	394	428	462	497	531	565	600	634	668
5,00	258	288	319	349	380	410	441	471	501	532	562	593
5,20	229	256	283	310	337	364	391	418	445	471	498	525
5,40	203	227	251	274	298	322	346	370	394	417	441	465
5,60	180	201	222	243	264	285	306	327	348	369	390	411
5,80	159	177	195	214	232	251	269	288	306	325	343	362
6,00	139	156	172	188	204	220	236	253	269	285	301	317
6,20	122	136	150	164	178	192	206	221	235	249	263	277
6,40	106	118	130	143	155	167	179	191	204	216	228	240
6,60	92	102	112	123	133	144	154	165	175	185	196	206
6,80	78	87	96	105	114	122	131	140	149	158	167	175
7,00	54	73	81	88	95	103	110	118	125	132	140	147

Para TODOS los ESQUEMAS ESTÁTICOS supuestos la Carga AdmisibleMÍNIMA 9.26 kN/m² es SUPERIOR a la de CÁLCULO 7.60 kN/m²

NETO ingeniería

PROYECTO:

FECHA: **HOJA:** **DE**

DEFINICIÓN LOSA ACERAS:

Hiansa
Grupo Hiemesa

MT-100



PROPIEDADES

MATERIA PRIMA: Acero

ESPESORES (mm) 0,75 hasta 1,2

ACABADO Galvanizado

ANCHO ÚTIL: 675 mm

	ESPESOR (mm) 0.75	0.80	1.00	1.20
P (kg/m²)	10,90	11,63	14,54	17,44
I (cm⁴/m)	182,64	195,78	244,81	294,72
W (cm³/m)- fibra superior	31,95	34,50	43,09	52,06
A_p (mm²/m)	1.297	1.385	1.732	2.078

P=peso perfil por metro cuadrado I=inercia perfil por metro lineal W=módulo resistente perfil por metro lineal
A_p=sección útil de acero por lineal

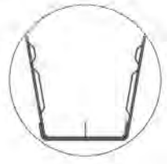
ISO 9001 BUREAU VERITAS Certification

CE

DESCRIPCIÓN Y APLICACIÓN



SECCIÓN PERFIL



DETALLE SOLAPE

	ESPESOR (mm) 1.00
P (kg/m²)	14,54
I (cm⁴/m)	244,81
W (cm³/m)- fibra superior	43,09
A_p (mm²/m)	1.732

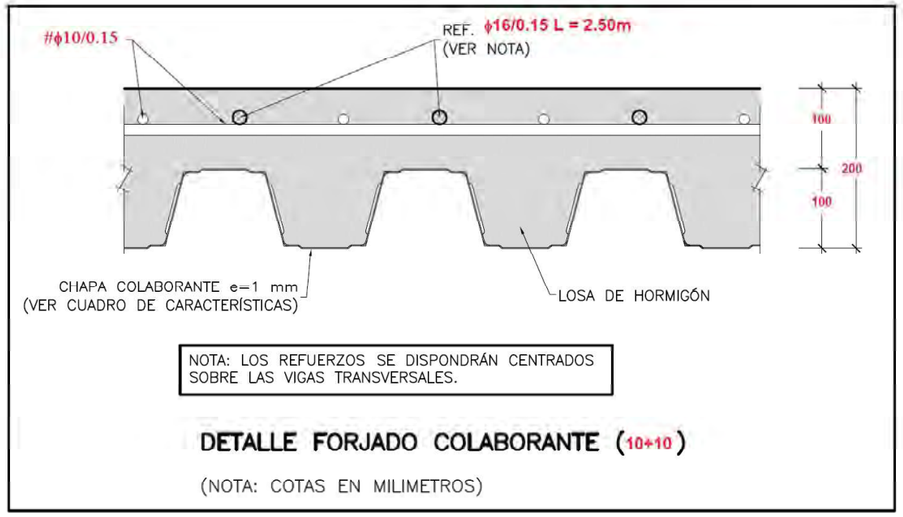
P=peso perfil por metro cuadrado
A_p=sección útil de acero por lineal
I=inercia perfil por metro lineal
W=módulo resistente perfil por metro lineal

Tipo de acero	S220GD	EN 10346

NETO ingeniería

PROYECTO:

FECHA: HOJA: DE



NOTA: LOS REFUERZOS SE DISPONDRÁN CENTRADOS SOBRE LAS VIGAS TRANSVERSALES.

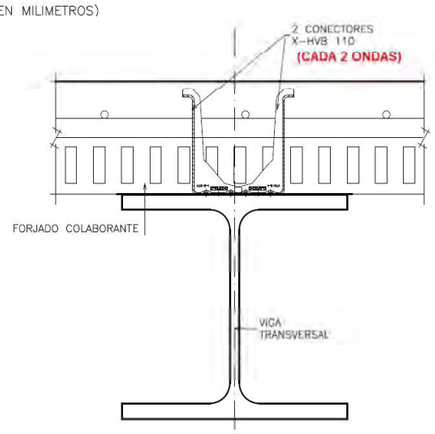
DETALLE FORJADO COLABORANTE (10+10)

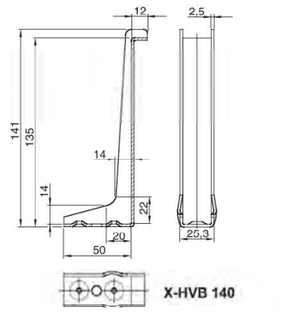
(NOTA: COTAS EN MILIMETROS)

NOTA IMPORTANTE: EL FORJADO COLABORANTE SE DISPODRÁ AL MENOS CONTINUO EN DOS VANOS (3 APOYOS)

DETALLE DE CONEXIÓN DE FORJADO EN VIGAS TRANSVERSALES

(NOTA: COTAS EN MILIMETROS)





LÍMITE ELÁSTICO MÍNIMO ACERO: 295 MPa
ESPESOR MÍNIMO GALVANIZADO: 3 MICRAS

DETALLE CONECTADORES X-HVB 140

ESCALA 1:2

(NOTA: COTAS EN MILIMETROS)

VANOS DE ACCESO

Project: MEF_Arco Río Cabe_VANOS ACCESO

Data - Nodes

Node	X (m)	Z (m)	Support code	Support
101	0.0	0.0		
102	7.950	0.0		
103	17.850	0.0		
104	25.800	0.0		
111	7.950	-3.250	xxx	Fixed
112	17.850	-3.650	xxx	Fixed
201	26.750	0.0		
202	26.275	-0.250		
211	26.275	-3.900	xxx	Fixed
1101	0.0	-0.250	xxx	Fixed
1102	7.950	-0.250		
1103	17.850	-0.250		
1104	25.800	-0.250		
1201	26.750	-0.250		

Data - Members

Member	Node 1	Node 2	Section
100	101	104	TABLERO-MET
111	1102	111	PILAS
112	1103	112	PILAS
211	202	211	PILA-EST
901	101	1101	RBAR
902	102	1102	RBAR
903	103	1103	RBAR
904	104	1104	RBAR
905	201	1201	RBAR
906	1104	1201	RBAR

Member	Material	Length (m)	Gamma (Deg)	Type
100	S 355	25.800	0.0	Simple member
111	C30/37	3.000	0.0	Simple member
112	C30/37	3.400	0.0	Simple member
211	C30/37	3.650	0.0	Simple member
901	Steel	0.250	0.0	Simple member
902	Steel	0.250	0.0	Simple member
903	Steel	0.250	0.0	Simple member
904	Steel	0.250	0.0	Simple member
905	Steel	0.250	0.0	Simple member
906	Steel	0.950	0.0	Simple member

Data - Sections

Section name	Member list	AX (cm2)	AY (cm2)
RBAR	901to906	1963.4954	1656.6993
TABLERO-MET	100	710.0000	500.0000
PILAS	111 112	9800.0000	8166.6667
PILA-EST	211	237500.0000	197916.6667

Section name	AZ (cm2)	IX (cm4)
RBAR	1656.6993	613592.3152
TABLERO-MET	210.0000	404474.5376
PILAS	8166.6667	10981439.9432
PILA-EST	197916.6667	4127314511.2810

Section name	IY (cm4)	IZ (cm4)
RBAR	306796.1576	306796.1576
TABLERO-MET	743041.6667	555949.1667
PILAS	4001666.6667	16006666.6667
PILA-EST	1236979166.6667	17861979166.6667

Data - Materials

	Material	E (MPa)	G (MPa)	NI	LX (1/°C)	RO (kN/m3)	Re (MPa)
1	Steel	210000.00	81000.00	0.30	0.00	77	235.00
2	S 355	210000.00	81000.00	0.30	0.00	77	355.00
3	C30/37	33000.00	13333.33	0.20	0.00	25	30.00

Data - Supports

Support name	List of nodes	List of edges	List of objects	Support conditions
Fixed	111 112 211 1101			UX UZ RY

Loads - Cases

Case	Label	Case name
1		ULS
2		ULS+
3		ULS-
4		SLS
5		SLS+
6		SLS-
7		SLS:CHR
8		SLS:CHR+
9		SLS:CHR-
10		SLS:QPR
11		SLS:QPR+
12		SLS:QPR-
13		FIRE
14		FIRE+
15		FIRE-
1001	1001	CMUERTAmin
1002	1002	CMUERTAmax
4001	4001	SC-01
4002	4002	SC-02
5001	5001	CA-01
5002	5002	CA-02
5003	5003	CA-03
5004	5004	CA-04
5005	5005	CA-05
5101	5101	FREN-01
5102	5102	FREN-02
7001	7001	TEMP+
7002	7002	TEMP-

Case	Nature	Analysis type
1		Static - Linear
2		Static - Linear
3		Static - Linear
4		Static - Linear
5		Static - Linear
6		Static - Linear
7		Static - Linear
8		Static - Linear
9		Static - Linear
10		Static - Linear
11		Static - Linear
12		Static - Linear
13		Static - Linear
14		Static - Linear
15		Static - Linear
1001	Structural	Static - Linear
1002	Structural	Static - Linear
4001	Category F	Static - Linear
4002	Category F	Static - Linear

Case	Nature	Analysis type
5001	Category G	Static - Linear
5002	Category G	Static - Linear
5003	Category G	Static - Linear
5004	Category G	Static - Linear
5005	Category G	Static - Linear
5101	Category G	Static - Linear
5102	Category G	Static - Linear
7001	temperature	Static - Linear
7002	temperature	Static - Linear

Loads - Values

Case	Load type	List	Load values
1001	uniform load	100	PZ=-130(kN/m)
1001	nodal force	201 1201	FZ=-1350(kN)
1002	uniform load	100	PZ=-141(kN/m)
1002	nodal force	201 1201	FZ=-1500(kN)
4001	uniform load	100	PZ=-65(kN/m)
4002	nodal force	201 1201	FZ=-1415(kN)
5001	nodal force	101 1101	FZ=-1000(kN)
5002	nodal force	102 111 1102	FZ=-1000(kN)
5003	nodal force	103 112 1103	FZ=-1000(kN)
5004	nodal force	104 1104	FZ=-1000(kN)
5005	nodal force	201 1201	FZ=-1000(kN)
5101	uniform load	100	PX=17(kN/m)
5102	uniform load	100	PX=-17(kN/m)
7001	thermal load	100	TX=50.00(°C)
7002	thermal load	100	TX=-31.00(°C)

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Reactions - Values

Node/Case	FX (kN)	FZ (kN)	MY (kNm)
111/ ULS+	172	7038	554
111/ ULS-	-167	1281	-540
111/ SLS+	115	4831	370
111/ SLS-	-111	1282	-360
111/ SLS:CHR+	115	4831	370
111/ SLS:CHR-	-111	1282	-360
111/ SLS:QPR+	32	2676	102
111/ SLS:QPR-	-32	1285	-103
111/ FIRE+	53	3273	171
111/ FIRE-	-53	1284	-172
111/ 1001	0	1286	-0
111/ 1002	0	1395	-0
111/ 4001	0	640	-0
111/ 4002	-0	-0	-0
111/ 5001	-0	4	0
111/ 5002	0	2988	-0
111/ 5003	0	11	-0
111/ 5004	0	-3	0
111/ 5005	-0	-0	-0
111/ 5101	-106	-0	-342
111/ 5102	106	0	342
111/ 7001	14	-0	46
111/ 7002	-9	0	-28
112/ ULS+	164	7037	596
112/ ULS-	-169	1282	-612
112/ SLS+	109	4831	397
112/ SLS-	-113	1283	-408
112/ SLS:CHR+	109	4831	397
112/ SLS:CHR-	-113	1283	-408
112/ SLS:QPR+	31	2676	114
112/ SLS:QPR-	-31	1285	-113
112/ FIRE+	52	3273	189
112/ FIRE-	-52	1284	-189
112/ 1001	-0	1285	0
112/ 1002	-0	1395	0
112/ 4001	0	640	0
112/ 4002	-0	0	-0
112/ 5001	0	-2	-0
112/ 5002	-0	10	0
112/ 5003	-0	2987	0
112/ 5004	0	5	0
112/ 5005	-0	0	-0
112/ 5101	-104	0	-378
112/ 5102	104	-0	378
112/ 7001	-14	-0	-51
112/ 7002	9	0	31
211/ ULS+	187	11248	956
211/ ULS-	-201	3080	-5249

Node/Case	FX (kN)	FZ (kN)	MY (kNm)
211/ SLS+	125	7841	272
211/ SLS-	-134	3082	-3621
211/ SLS:CHR+	125	7841	272
211/ SLS:CHR-	-134	3082	-3621
211/ SLS:QPR+	33	5832	-627
211/ SLS:QPR-	-33	3085	-2442
211/ FIRE+	55	6232	-438
211/ FIRE-	-55	3084	-2632
211/ 1001	0	3086	-1095
211/ 1002	0	3419	-1222
211/ 4001	-0	192	93
211/ 4002	0	2830	-1344
211/ 5001	0	0	0
211/ 5002	0	-3	-2
211/ 5003	-0	6	3
211/ 5004	-0	1997	945
211/ 5005	0	2000	-950
211/ 5101	-110	0	-430
211/ 5102	110	-0	430
211/ 7001	-39	0	-150
211/ 7002	24	-0	93
1101/ ULS+	200	3764	46
1101/ ULS-	-187	380	-56
1101/ SLS+	134	2551	29
1101/ SLS-	-125	382	-38
1101/ SLS:CHR+	134	2551	29
1101/ SLS:CHR-	-125	382	-38
1101/ SLS:QPR+	33	1133	4
1101/ SLS:QPR-	-33	384	-15
1101/ FIRE+	55	1533	9
1101/ FIRE-	-55	384	-20
1101/ 1001	-0	386	-5
1101/ 1002	-0	419	-5
1101/ 4001	0	192	-2
1101/ 4002	-0	0	-0
1101/ 5001	0	1998	0
1101/ 5002	0	5	-1
1101/ 5003	-0	-4	0
1101/ 5004	0	1	0
1101/ 5005	-0	0	-0
1101/ 5101	-110	-0	-28
1101/ 5102	110	0	28
1101/ 7001	38	0	10
1101/ 7002	-24	-0	-6
Case ULS+	ULS+		
Sum of val.	724	29087	2152
Sum of reac.	452	11699	-262714
Sum of forc.	-452	-11699	262714
Check val.	0	-0	0
Precision	2.05601e-12	3.64102e-15	

Node/Case	FX (kN)	FZ (kN)	MY (kNm)
Case ULS-	ULS-		
Sum of val.	-724	6023	-6457
Sum of reac.	452	11699	-262714
Sum of forc.	-452	-11699	262714
Check val.	0	-0	0
Precision	2.05601e-12	3.64102e-15	
Case SLS+	SLS+		
Sum of val.	482	20054	1068
Sum of reac.	129	8926	-188523
Sum of forc.	-129	-8926	188523
Check val.	0	-0	0
Precision	5.84518e-13	1.03934e-15	
Case SLS-	SLS-		
Sum of val.	-482	6029	-4427
Sum of reac.	129	8926	-188523
Sum of forc.	-129	-8926	188523
Check val.	0	-0	0
Precision	5.84518e-13	1.03934e-15	
Case SLS:CHR+	SLS:CHR+		
Sum of val.	482	20054	1068
Sum of reac.	302	10009	-217493
Sum of forc.	-302	-10009	217493
Check val.	0	-0	0
Precision	1.37140e-12	2.42735e-15	
Case SLS:CHR-	SLS:CHR-		
Sum of val.	-482	6029	-4427
Sum of reac.	302	10009	-217493
Sum of forc.	-302	-10009	217493
Check val.	0	-0	0
Precision	1.37140e-12	2.42735e-15	
Case SLS:QPR+	SLS:QPR+		
Sum of val.	129	12317	-407
Sum of reac.	129	8926	-188523
Sum of forc.	-129	-8926	188523
Check val.	0	-0	0
Precision	5.84518e-13	1.03934e-15	
Case SLS:QPR-	SLS:QPR-		
Sum of val.	-129	6038	-2673
Sum of reac.	129	8926	-188523
Sum of forc.	-129	-8926	188523
Check val.	0	-0	0
Precision	5.84518e-13	1.03934e-15	
Case FIRE+	FIRE+		
Sum of val.	216	14311	-68
Sum of reac.	129	8926	-188523

Node/Case	FX (kN)	FZ (kN)	MY (kNm)
Sum of forc.	-129	-8926	188523
Check val.	0	-0	0
Precision	5.90218e-13	1.04045e-15	
Case FIRE-	FIRE-		
Sum of val.	-216	6036	-3012
Sum of reac.	129	8926	-188523
Sum of forc.	-129	-8926	188523
Check val.	0	-0	0
Precision	5.90218e-13	1.04045e-15	
Case 1001	CMUERTAmin		
Sum of val.	0	6042	-1100
Sum of reac.	0	6042	-115339
Sum of forc.	0.0	-6042	115339
Check val.	0	-0	0
Precision	3.54650e-15	2.47105e-30	
Case 1002	CMUERTAmax		
Sum of val.	0	6628	-1227
Sum of reac.	0	6628	-127051
Sum of forc.	0.0	-6628	127051
Check val.	0	-0	0
Precision	2.17944e-15	2.02672e-30	
Case 4001	SC-01		
Sum of val.	0	1664	91
Sum of reac.	0	1664	-21467
Sum of forc.	0.0	-1664	21467
Check val.	0	-0	0
Precision	8.18421e-15	5.90253e-30	
Case 4002	SC-02		
Sum of val.	0	2830	-1344
Sum of reac.	0	2830	-75702
Sum of forc.	0.0	-2830	75703
Check val.	0	-0	0
Precision	1.38605e-15	6.79564e-31	
Case 5001	CA-01		
Sum of val.	0	2000	1
Sum of reac.	0	2000	-0
Sum of forc.	0.0	-2000	0.0
Check val.	0	0.0	-0
Precision	9.56737e-15	5.94114e-20	
Case 5002	CA-02		
Sum of val.	0	3000	-2
Sum of reac.	0	3000	-23850
Sum of forc.	0.0	-3000	23850
Check val.	0	-0	0
Precision	2.00821e-14	9.75896e-32	

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Node/Case	FX (kN)	FZ (kN)	MY (kNm)
Case 5003	CA-03		
Sum of val.	-0	3000	3
Sum of reac.	-0	3000	-53550
Sum of forc.	0.0	-3000	53550
Check val.	-0	-0	0
Precision	9.28009e-15	1.16616e-29	
Case 5004	CA-04		
Sum of val.	0	2000	946
Sum of reac.	0	2000	-51600
Sum of forc.	0.0	-2000	51600
Check val.	0	0	-0
Precision	4.77947e-15	1.07149e-29	
Case 5005	CA-05		
Sum of val.	0	2000	-950
Sum of reac.	0	2000	-53500
Sum of forc.	0.0	-2000	53500
Check val.	0	-0	0
Precision	9.31331e-16	9.50318e-31	
Case 5101	FREN-01		
Sum of val.	-431	-0	-1178
Sum of reac.	-431	-0	0
Sum of forc.	431	0.0	0.0
Check val.	-0	-0	0
Precision	1.93742e-12	3.46447e-15	
Case 5102	FREN-02		
Sum of val.	431	0	1178
Sum of reac.	431	0	-0
Sum of forc.	-431	0.0	0.0
Check val.	0	0	-0
Precision	1.93742e-12	3.46447e-15	
Case 7001	TEMP+		
Sum of val.	0	-0	-146
Sum of reac.	0	-0	0
Sum of forc.	0.0	0.0	0.0
Check val.	0	-0	0
Precision	2.26571e-14	1.62516e-17	
Case 7002	TEMP-		
Sum of val.	-0	0	90
Sum of reac.	-0	0	-0
Sum of forc.	0.0	0.0	0.0
Check val.	-0	0	-0
Precision	1.14010e-14	2.21512e-18	

Reactions ULS: global extremes

	FX (kN)	FZ (kN)	MY (kNm)
MAX	200	11248	956
Node	1101	211	211
Case	ULS/1617	ULS/376	ULS/958
MIN	-201	-4	-5249
Node	211	1101	211
Case	ULS/1614	5003	ULS/485

REPARTO, APOYOS y JUNTAS

Project: Arco Río Cabe_REPARTO

TRAMO: Arco PPAL

REPARTO HORIZONTAL DE ACCIONES EN PUENTES DE CARRETERA:

DEFINICIÓN DE LA SUBESTRUCTURA:

		E - 1	E - 2
RIGIDEZ APOYOS (TOTAL LÍNEA)	Posicion (m)	0.00	43.50
	TIPO [a x b; n(ti+ts);2 x e]	400 x 500; 7(12+4)+4; 2 x 2.5	400 x 500; 7(12+4)+4; 2 x 2.5
	Nº neoprenos	2	2
	Gneop (MPa) (cargas rápidas)	1.8	1.8
	Long: (0.0:Fijo 1.0:Elast oo:Desliz)	1.0	1.0
	Tran: (0.0:Fijo 1.0:Elast oo:Desliz)	1.0	1.0
	K_hor_RÁPIDAS (kN/m)	8571	8571

			E - 1	E - 2
RIGIDEZ SUBESTRUCTURA (CARGAS RÁPIDAS) Y CIMENTACIÓN	Hsubest (m)		0.10	0.10
	I long (m^4)	"TODAS"	1.00E+100	1.00E+100
	I transv (m^4)	"TODAS"	1.00E+100	1.00E+100
	Amed (m^2)		0	0
	Ecm (kPa)		3.4E+07	3.4E+07
	φ PILAS		0.0	0.0
	Eceff (kPa)		3.4E+07	3.4E+07
	Ksub Long (kN/m)	MÉNSULA	1.01E+111	1.01E+111
	Ksub Transv (kN/m)	MÉNSULA	1.01E+111	1.01E+111
	Ktramo entre JUNTAS Long (kN/m)		0	0
	Ktramo entre JUNTAS Transv (kN/m)		0	0
	Kcim Long (kN/m)		1.0E+100	1.0E+100
	Kcim Transv (kN/m)		1.0E+100	1.0E+100

			E - 1	E - 2
RIGIDEZ CONJUNTA LONGITUGINAL	Kl apoyos (todos)	(kN/m)	8571	8571
	Kl sub	(kN/m)	################	################
	Kl cim	(kN/m)	################	################
	Kl_cargas rápidas	(kN/m)	8571	8571
		REPARTO F (%)	50.0 %	50.0 %
	Kl_cargas lentas	(kN/m)	4286	4286
		REPARTO F (%)	50.0 %	50.0 %
	Kl_temp	(kN/m)	4286	4286
		REPARTO F (%)	50.0 %	50.0 %
	Kl_rigPROMEDIO	(kN/m)	6445	6445
		REPARTO F (%)	50.0 %	50.0 %
	Kl_SISMO_1.65Gneop	(kN/m)	14143	14143
		REPARTO F (%)	50.0 %	50.0 %
	Kl_SISMO_0.90Gneop	(kN/m)	7714	7714
		REPARTO F (%)	50.0 %	50.0 %
RIGIDEZ CONJUNTA TRANSVERSAL	Kt apoyos (todos)	(kN/m)	8571	8571
	Kt sub	(kN/m)	################	################
	Kt cim	(kN/m)	################	################
	Kt_cargas rápidas	(kN/m)	8571	8571
		REPARTO F (%)	50.0 %	50.0 %
	Kt_SISMO_1.65Gneop	(kN/m)	14143	14143
		REPARTO F (%)	50.0 %	50.0 %
	Kt_SISMO_0.90Gneop	(kN/m)	7714	7714
		REPARTO F (%)	50.0 %	50.0 %

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MOVIMIENTOS TOTALES:

			(+) ⟶ E - 1	<-- (-) E - 2
LONGITUDINAL	ACORT ELÁST	UX (mm)	0.0	0.0
	RETRACCIÓN	UX (mm)	0.0	0.0
	FLUENCIA	UX (mm)	0.0	0.0
	TEMPERATURA (+)	UX (mm)	-14.1	14.1
	TEMPERATURA (-)	UX (mm)	10.4	-10.4
	FRENADO	UX (mm)	28.0	28.0
	VIENTO DOM	UX (mm)	0.0	0.0
	VIENTO + SC	UX (mm)	0.0	0.0
	SISMO_L 1.65Gneop	UX (mm)	0.0	0.0
	SISMO_L 0.9Gneop	UX (mm)	0.0	0.0
TRANSVERSAL	F CENTRÍFUGA	UY (mm)	0.0	0.0
	VIENTO DOM	UY (mm)	0.0	0.0
	VIENTO + SC	UY (mm)	0.0	0.0
	SISMO_T 1.65Gneop	UY (mm)	0.0	0.0
	SISMO_T 0.9Gneop	UY (mm)	0.0	0.0

MOVIMIENTOS DE APOYOS:

			(+) ⟶ E - 1	<-- (-) E - 2
LONGITUDINAL	ACORT ELÁST	UX (mm)	0.0	0.0
	RETRACCIÓN	UX (mm)	0.0	0.0
	FLUENCIA	UX (mm)	0.0	0.0
	TEMPERATURA (+)	UX (mm)	-14.1	14.1
	TEMPERATURA (-)	UX (mm)	10.4	-10.4
	FRENADO	UX (mm)	28.0	28.0
	VIENTO DOM	UX (mm)	0.0	0.0
	VIENTO + SC	UX (mm)	0.0	0.0
	SISMO_L 1.65Gneop	UX (mm)	0.0	0.0
	SISMO_L 0.9Gneop	UX (mm)	0.0	0.0
TRANSVERSAL	F CENTRÍFUGA	UY (mm)	0.0	0.0
	VIENTO DOM	UY (mm)	0.0	0.0
	VIENTO + SC	UY (mm)	0.0	0.0
	SISMO_T 1.65Gneop	UY (mm)	0.0	0.0
	SISMO_T 0.9Gneop	UY (mm)	0.0	0.0

JUNTAS DE TABLERO:

			(+) ⟶ SIGNO: 0 E - 1	<-- (-) 0 E - 2
COMBINACIÓN ELS CARACTERÍSTICA	APERTURA CASO A1	Ux (mm)	0.0	0.0
	APERTURA CASO A2	Ux (mm)	6.3	-6.3
	APERTURA CASO A3	Ux (mm)	-8.5	8.5
	APERTURA CASO B1	Ux (mm)	6.3	-6.3
	APERTURA CASO B2	Ux (mm)	-8.5	8.5
	APERTURA CASO C	Ux (mm)	0.0	0.0
	APERTURA CASO D1	Ux (mm)	10.4	-10.4
	APERTURA CASO D2	Ux (mm)	-14.1	14.1
	CIERRE CASO A1	Ux (mm)	0.0	0.0
	CIERRE CASO A2	Ux (mm)	6.3	-6.3
	CIERRE CASO A3	Ux (mm)	-8.5	8.5
	CIERRE CASO B1	Ux (mm)	6.3	-6.3
	CIERRE CASO B2	Ux (mm)	-8.5	8.5
	CIERRE CASO C	Ux (mm)	0.0	0.0
	CIERRE CASO D1	Ux (mm)	10.4	-10.4
	CIERRE CASO D2	Ux (mm)	-14.1	14.1
	APERTURA MÁX.	Ux (mm)	10.4	-10.4
	CIERRE MÁX.	Ux (mm)	-14.1	14.1
	RECORRIDO. MÁX JUNTA (mm)		28	28

MOVIMIENTOS MÁXIMOS DE APOYOS:

			(+) ⟶	<⟵ (-)
		SIGNO:	0	0
			E - 1	E - 2
		Longitudinal	*ELAST*	*ELAST*
		Transversal	*ELAST*	*ELAST*
CARGAS LENTAS	δ máx	Ux (mm)	0.0	0.0
COMBINACIÓN ELS CARACTERÍSTICA	DESP MAX CASO A1	Ux (mm)	0.0	0.0
	DESP MAX CASO A2	Ux (mm)	6.3	-6.3
	DESP MAX CASO A3	Ux (mm)	-8.5	8.5
	DESP MAX CASO B1	Ux (mm)	6.3	-6.3
	DESP MAX CASO B2	Ux (mm)	-8.5	8.5
	DESP MAX CASO C	Ux (mm)	0.0	0.0
	DESP MAX CASO D1	Ux (mm)	10.4	-10.4
	DESP MAX CASO D2	Ux (mm)	-14.1	14.1
	δ máx	Ux (mm)	10.4	14.1
	δ min	Ux (mm)	-14.1	-10.4
COMBINACIÓN ELU PERSISTENTES	DESP MAX CASO A1	Ux (mm)	0.0	0.0
	DESP MAX CASO A2	Ux (mm)	9.4	-9.4
	DESP MAX CASO A3	Ux (mm)	-12.7	12.7
	DESP MAX CASO B1	Ux (mm)	9.4	-9.4
	DESP MAX CASO B2	Ux (mm)	-12.7	12.7
	DESP MAX CASO C	Ux (mm)	0.0	0.0
	DESP MAX CASO D1	Ux (mm)	15.7	-15.7
	DESP MAX CASO D2	Ux (mm)	-21.2	21.2
	δ máx	Ux (mm)	15.7	21.2
	δ min	Ux (mm)	-21.2	-15.7

ACCIONES HORIZONTALES (ALINEACIÓN):

			(+) ----->	<----- (-)
		SIGNO:	0	0
			E - 1	E - 2
LONGITUDINAL	ACORT ELAST	FX (kN)	0	0
	RETRACCION	FX (kN)	0	0
	FLUENCIA	FX (kN)	0	0
	REOLÓGICAS:	FX (kN)	0	0
	TEMPERATURA (+)	FX (kN)	-61	61
	TEMPERATURA (-)	FX (kN)	45	-45
	FRENADO	FX (kN)	240	240
	VIENTO DOM	FX (kN)	0	0
	VIENTO + SC	FX (kN)	0	0
	SISMO_L 1.65Gneop	FX (kN)	0	0
	SISMO_L 0.9Gneop	FX (kN)	0	0
TRANSVERSAL	F CENTRÍFUGA	FY (kN)	0	0
	VIENTO DOM	FY (kN)	0	0
	VIENTO + SC	FY (kN)	0	0
	SISMO_T 1.65Gneop	FY (kN)	0	0
	SISMO_T 0.9Gneop	FY (kN)	0	0

ACCIONES HORIZONTALES (APOYO):

			(+) ----->	<----- (-)
			E - 1	E - 2
LONGITUDINAL	ACORT ELÁST	FX (kN)	0	0
	RETRACCIÓN	FX (kN)	0	0
	FLUENCIA	FX (kN)	0	0
	REOLÓGICAS:	FX (kN)	0	0
	TEMPERATURA (+)	FX (kN)	-30	30
	TEMPERATURA (-)	FX (kN)	22	-22
	FRENADO	FX (kN)	120	120
	VIENTO DOM	FX (kN)	0	0
	VIENTO + SC	FX (kN)	0	0
	SISMO_L 1.65Gneop	FX (kN)	0	0
	SISMO_L 0.9Gneop	FX (kN)	0	0
TRANSVERSAL	F CENTRÍFUGA	FY (kN)	0	0
	VIENTO DOM	FY (kN)	0	0
	VIENTO + SC	FY (kN)	0	0
	SISMO_T 1.65Gneop	FY (kN)	0	0
	SISMO_T 0.9Gneop	FY (kN)	0	0
COMBINACIÓN ELS CARACTERÍSTICA	MAX CASO A1	Fx (mm)	0	0
	MAX CASO A2	Fx (mm)	13	-13
	MAX CASO A3	Fx (mm)	-18	18
	MAX CASO B1	Fx (mm)	13	-13
	MAX CASO B2	Fx (mm)	-18	18
	MAX CASO C	Fx (mm)	0	0
	MAX CASO D1	Fx (mm)	22	-22
	MAX CASO D2	Fx (mm)	-30	30
	Fmáx	Fx (mm)	22	30
	Fmin	Fx (mm)	-30	-22
COMBINACIÓN ELU PERSISTENTES	MAX CASO A1	Fx (mm)	0	0
	MAX CASO A2	Fx (mm)	20	-20
	MAX CASO A3	Fx (mm)	-27	27
	MAX CASO B1	Fx (mm)	20	-20
	MAX CASO B2	Fx (mm)	-27	27
	MAX CASO C	Fx (mm)	0	0
	MAX CASO D1	Fx (mm)	34	-34
	MAX CASO D2	Fx (mm)	-45	45
	Fmáx	Fx (mm)	34	45
	Fmin	Fx (mm)	-45	-34

DEFINICIÓN DE LAS LÍNEAS DE APOYO DE LA ESTRUCTURA

LÍNEA APOYO:	E - 1	E - 2
DESIGNACIÓN:	400 x 500; 7(12+4)+4; 2 x 2.5	400 x 500; 7(12+4)+4; 2 x 2.5
Nº Neoprenos =	2	2
a ó ϕ (mm) =	400	400
b ó ϕ (mm) =	500	500
TIPO =	RECT	RECT
Atot (mm²) =	200,000	200,000
n_capas_elast =	7	7
ti_elast (mm) =	12.0	12.0
ts_ref (mm) =	4.0	4.0
e (mm) =	2.5	2.5
t_lat (mm) =	5.0	5.0
Htotal (mm) =	121.0	121.0
Helast / Hneta (mm) =	84.0	84.0
A (mm²) =	200000	200000
A1 (mm²) =	191100	191100
Lp (mm) =	1760	1760
FACT. FORMA S =	9.0	9.0
Gneop_INST (MPa) =	1.8	1.8
Kxy_RÁP (kN/m) =	4286	4286
Kxy_LEN (kN/m) =	2143	2143
Kxy_MEDIA (kN/m) =	3214	3214
Kz (kN/m) =	707,780	707,780
KRa_LEN (mkN/rad) =	4127	4127
KRb_LEN (mkN/rad) =	10285	10285
b / a =	1.25	1.25
ks =	79.7	79.7

TOTAL LÍNEA APOYOS:

Kxy_RÁP (kN/m) =	8571	8571
Kxy_LEN (kN/m) =	4286	4286
Kz (kN/m) =	1,415,560	1,415,560

Author:
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COMPROBACIONES DE APOYOS ELASTOMÉRICOS (UNE-1337-3)

	COMBINACIÓN A1: SC GR1 y V+SC	
APOYO:	E - 1	E - 2
Ux (mm) =	0.0	0.0
Uy (mm) =	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000
Fx (kN) =	0	0
Fy (kN) =	0	0
Fz,min (kN) =	1000	1000
Fz,max (kN) =	3800	3800
Ar (mm²) =	191100	191100
εc =	3.66	3.66
εq =	0.00	0.00
εα =	0.00	0.00
DISTORSIÓN TOT =	3.66	3.66
DISTORSIÓN Uxy =	0.00	0.00
Kh =	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!
ts,min (mm) =	2.6	2.6
ts,disp (mm) =	4.0	4.0
ESTAB. ROTACIÓN =	5.4	5.4
vz (mm) =	5.4	5.4
ESTAB. PANDEO =	OK!	OK!
RATIO (lim/máx):	1.27	1.27
σ máx (MPa) =	19.9	19.9
σ lim (MPa) =	25.2	25.2
ESTAB. DESLIZAM =	OK!	OK!
Fxy (kN) =	0	0
Fxy,máx (kN) =	272	272
μe =	0.27	0.27
Kf =	0.6	0.6
σ min (MPa) =	5.2	5.2
CHECK:	NO ANCLADO!	NO ANCLADO!

	COMBINACIÓN A2a: SC GR1 y TEMP-	
APOYO:	E - 1	E - 2
Ux (mm) =	9.4	9.4
Uy (mm) =	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000
Fx (kN) =	20	20
Fy (kN) =	0	0
Fz,min (kN) =	1000	1000
Fz,max (kN) =	3800	3800
Ar (mm²) =	186496	186496
εc =	3.75	3.75
εq =	0.11	0.11
εα =	0.00	0.00
DISTORSIÓN TOT =	3.87	3.87
DISTORSIÓN Uxy =	0.11	0.11
Kh =	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!
ts,min (mm) =	2.7	2.7
ts,disp (mm) =	4.0	4.0
ESTAB. ROTACIÓN =	5.4	5.4
vz (mm) =	5.4	5.4
ESTAB. PANDEO =	OK!	OK!
RATIO (lim/máx):	1.24	1.24
σ máx (MPa) =	20.4	20.4
σ lim (MPa) =	25.2	25.2
ESTAB. DESLIZAM =	OK!	OK!
Fxy (kN) =	20	20
Fxy,máx (kN) =	268	268
μe =	0.27	0.27
Kf =	0.6	0.6
σ min (MPa) =	5.4	5.4
CHECK:	NO ANCLADO!	NO ANCLADO!

	COMBINACIÓN A2b: SC GR1 y TEMP+	
APOYO:	E - 1	E - 2
Ux (mm) =	12.7	12.7
Uy (mm) =	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000
Fx (kN) =	27	27
Fy (kN) =	0	0
Fz,min (kN) =	1000	1000
Fz,max (kN) =	3800	3800
Ar (mm²) =	184865	184865
εc =	3.79	3.79
εq =	0.15	0.15
εα =	0.00	0.00
DISTORSIÓN TOT =	3.94	3.94
DISTORSIÓN Uxy =	0.15	0.15
Kh =	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!
ts,min (mm) =	2.7	2.7
ts,disp (mm) =	4.0	4.0
ESTAB. ROTACIÓN =	5.4	5.4
vz (mm) =	5.4	5.4
ESTAB. PANDEO =	OK!	OK!
RATIO (lim/máx):	1.23	1.23
σ máx (MPa) =	20.6	20.6
σ lim (MPa) =	25.2	25.2
ESTAB. DESLIZAM =	OK!	OK!
Fxy (kN) =	27	27
Fxy,máx (kN) =	266	266
μe =	0.27	0.27
Kf =	0.6	0.6
σ min (MPa) =	5.4	5.4
CHECK:	NO ANCLADO!	NO ANCLADO!

	COMBINACIÓN Ba: SC GR2 y TEMP-	
APOYO:	E - 1	E - 2
Ux (mm) =	9.4	9.4
Uy (mm) =	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000
Fx (kN) =	20	20
Fy (kN) =	0	0
Fz,min (kN) =	1000	1000
Fz,max (kN) =	3800	3800
Ar (mm²) =	186496	186496
εc =	3.75	3.75
εq =	0.11	0.11
εα =	0.00	0.00
DISTORSIÓN TOT =	3.87	3.87
DISTORSIÓN Uxy =	0.11	0.11
Kh =	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!
ts,min (mm) =	2.7	2.7
ts,disp (mm) =	4.0	4.0
ESTAB. ROTACIÓN =	5.4	5.4
vz (mm) =	5.4	5.4
ESTAB. PANDEO =	OK!	OK!
RATIO (lim/máx):	1.24	1.24
σ máx (MPa) =	20.4	20.4
σ lim (MPa) =	25.2	25.2
ESTAB. DESLIZAM =	OK!	OK!
Fxy (kN) =	20	20
Fxy,máx (kN) =	268	268
μe =	0.27	0.27
Kf =	0.6	0.6
σ min (MPa) =	5.4	5.4
CHECK:	NO ANCLADO!	NO ANCLADO!

	COMBINACIÓN Bb: SC GR2 y TEMP+	
APOYO:	E - 1	E - 2
Ux (mm) =	12.7	12.7
Uy (mm) =	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000
Fx (kN) =	27	27
Fy (kN) =	0	0
Fz,min (kN) =	1000	1000
Fz,max (kN) =	3800	3800
Ar (mm²) =	184865	184865
εc =	3.79	3.79
εq =	0.15	0.15
εα =	0.00	0.00
DISTORSIÓN TOT =	3.94	3.94
DISTORSIÓN Uxy =	0.15	0.15
Kh =	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!
ts,min (mm) =	2.7	2.7
ts,disp (mm) =	4.0	4.0
ESTAB. ROTACIÓN =	5.4	5.4
vz (mm) =	5.4	5.4
ESTAB. PANDEO =	OK!	OK!
RATIO (lim/máx):	1.23	1.23
σ máx (MPa) =	20.6	20.6
σ lim (MPa) =	25.2	25.2
ESTAB. DESLIZAM =	OK!	OK!
Fxy (kN) =	27	27
Fxy,máx (kN) =	266	266
μe =	0.27	0.27
Kf =	0.6	0.6
σ min (MPa) =	5.4	5.4
CHECK:	NO ANCLADO!	NO ANCLADO!

	COMBINACIÓN C: VIENTO DOM	
APOYO:	E - 1	E - 2
Ux (mm) =	0.0	0.0
Uy (mm) =	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000
Fx (kN) =	0	0
Fy (kN) =	0	0
Fz,min (kN) =	1000	1000
Fz,max (kN) =	3800	3800
Ar (mm²) =	191100	191100
εc =	3.66	3.66
εq =	0.00	0.00
εα =	0.00	0.00
DISTORSIÓN TOT =	3.66	3.66
DISTORSIÓN Uxy =	0.00	0.00
Kh =	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!
ts,min (mm) =	2.6	2.6
ts,disp (mm) =	4.0	4.0
ESTAB. ROTACIÓN =	5.4	5.4
vz (mm) =	5.4	5.4
ESTAB. PANDEO =	OK!	OK!
RATIO (lim/máx):	1.27	1.27
σ máx (MPa) =	19.9	19.9
σ lim (MPa) =	25.2	25.2
ESTAB. DESLIZAM =	OK!	OK!
Fxy (kN) =	0	0
Fxy,máx (kN) =	272	272
μe =	0.27	0.27
Kf =	0.6	0.6
σ min (MPa) =	5.2	5.2
CHECK:	NO ANCLADO!	NO ANCLADO!

	COMBINACIÓN Da: TEMP DOM (-) y SC G	
APOYO:	E - 1	E - 2
Ux (mm) =	15.7	15.7
Uy (mm) =	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000
Fx (kN) =	34	34
Fy (kN) =	0	0
Fz,min (kN) =	1000	1000
Fz,max (kN) =	3800	3800
Ar (mm²) =	183427	183427
εc =	3.82	3.82
εq =	0.19	0.19
εα =	0.00	0.00
DISTORSIÓN TOT	4.00	4.00
DISTORSIÓN Uxy	0.19	0.19
Kh =	1.0	1.0
ESPESOR CHAPAS	OK!	OK!
ts,min (mm) =	2.8	2.8
ts,disp (mm) =	4.0	4.0
ESTAB. ROTACIÓN	5.4	5.4
vz (mm) =	5.4	5.4
ESTAB. PANDEO	OK!	OK!
RATIO (lim/máx):	1.22	1.22
σ máx (MPa) =	20.7	20.7
σ lim (MPa) =	25.2	25.2
ESTAB. DESLIZAM	OK!	OK!
Fxy (kN) =	34	34
Fxy,máx (kN) =	265	265
μe =	0.27	0.27
Kf =	0.6	0.6
σ min (MPa) =	5.5	5.5
CHECK:	NO ANCLADO!	NO ANCLADO!

	COMBINACIÓN Db: TEMP DOM (-) y SC G	
APOYO:	E - 1	E - 2
Ux (mm) =	21.2	21.2
Uy (mm) =	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000
Fx (kN) =	45	45
Fy (kN) =	0	0
Fz,min (kN) =	1000	1000
Fz,max (kN) =	3800	3800
Ar (mm²) =	180709	180709
εc =	3.87	3.87
εq =	0.25	0.25
εα =	0.00	0.00
DISTORSIÓN TOT	4.13	4.13
DISTORSIÓN Uxy	0.25	0.25
Kh =	1.0	1.0
ESPESOR CHAPAS	OK!	OK!
ts,min (mm) =	2.8	2.8
ts,disp (mm) =	4.0	4.0
ESTAB. ROTACIÓN	5.4	5.4
vz (mm) =	5.4	5.4
ESTAB. PANDEO	OK!	OK!
RATIO (lim/máx):	1.20	1.20
σ máx (MPa) =	21.0	21.0
σ lim (MPa) =	25.2	25.2
ESTAB. DESLIZAM	OK!	OK!
Fxy (kN) =	45	45
Fxy,máx (kN) =	263	263
μe =	0.26	0.26
Kf =	0.6	0.6
σ min (MPa) =	5.5	5.5
CHECK:	NO ANCLADO!	NO ANCLADO!

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File: **Arco Río Cabe_REPARTO_v00.rtd**
Address:
Project: Arco Río Cabe_REPARTO_v00

TRAMO: Viaductos ACCESO

REPARTO HORIZONTAL DE ACCIONES EN PUENTES DE CARRETERA:

DEFINICIÓN DE LA SUBESTRUCTURA:

		E - 1	P - 1	P - 2	E - 2
RIGIDEZ APOYOS (TOTAL LÍNEA)	Posicion (m)	0.00	7.95	17.85	25.80
	TIPO [a x b; n(ti+ts);2 x e]	250 x 300; 6(8+3)+3; 2 x 2.5	300 x 400; 4(12+4)+4; 2 x 2.5	300 x 400; 4(12+4)+4; 2 x 2.5	250 x 300; 6(8+3)+3; 2 x 2.5
	Nº neoprenos	2	2	2	2
	Gneop (MPa) (cargas rápidas)	1.8	1.8	1.8	1.8
	Long: (0.0:Fijo 1.0:Elast oo:Desliz)	1.0	1.0	1.0	1.0
	Tran: (0.0:Fijo 1.0:Elast oo:Desliz)	1.0	1.0	1.0	1.0
	K_hor_RÁPIDAS (kN/m)	5625	9000	9000	5625

			E - 1	P - 1	P - 2	E - 2
RIGIDEZ SUBESTRUCTURA (CARGAS RÁPIDAS) Y CIMENTACIÓN	Hsubest (m)		0.10	3.00	3.40	0.10
	I long (m^4)	"TODAS"	1.00E+100	0.0236	0.0236	1.00E+100
	I transv (m^4)	"TODAS"	1.00E+100	0.0236	0.0236	1.00E+100
	Amed (m^2)		0	0.7697	0.7697	0
	Ecm (kPa)		3.4E+07	3.4E+07	3.4E+07	3.4E+07
	φ PILAS		0.0	1.5	1.5	0.0
	Eceff (kPa)		3.4E+07	1.3E+07	1.3E+07	3.4E+07
	Ksub Long (kN/m)	MÉNSULA	1.01E+111	88001	60453	1.01E+111
	Ksub Transv (kN/m)	MÉNSULA	1.01E+111	88001	60453	1.01E+111
	Ktramo entre JUNTAS Long (kN/m)		0	----------	----------	0
	Ktramo entre JUNTAS Transv (kN/m)		0	----------	----------	0
	Kcim Long (kN/m)		1.0E+100	1.0E+100	1.0E+100	1.0E+100
	Kcim Transv (kN/m)		1.0E+100	1.0E+100	1.0E+100	1.0E+100

			E - 1	P - 1	P - 2	E - 2
RIGIDEZ CONJUNTA LONGITUGINAL	Kl apoyos (todos)	(kN/m)	5625	9000	9000	5625
	Kl sub	(kN/m)	################	88001	60453	################
	Kl cim	(kN/m)	################	################	################	################
	Kl_cargas rápidas	(kN/m)	5625	8165	7834	5625
		REPARTO F (%)	20.6 %	30.0 %	28.7 %	20.6 %
	Kl_cargas lentas	(kN/m)	2813	3990	3794	2813
		REPARTO F (%)	21.0 %	29.8 %	28.3 %	21.0 %
	Kl_temp	(kN/m)	2813	4281	4188	2813
		REPARTO F (%)	20.0 %	30.4 %	29.7 %	20.0 %
	Kl_rigPROMEDIO	(kN/m)	4229	6284	6086	4229
		REPARTO F (%)	20.3 %	30.2 %	29.2 %	20.3 %
	Kl_SISMO_1.65Gneop	(kN/m)	9281	12985	12282	9281
		REPARTO F (%)	21.2 %	29.6 %	28.0 %	21.2 %
	Kl_SISMO_0.90Gneop	(kN/m)	5063	7512	7271	5063
		REPARTO F (%)	20.3 %	30.2 %	29.2 %	20.3 %
RIGIDEZ CONJUNTA TRANSVERSAL	Kt apoyos (todos)	(kN/m)	5625	9000	9000	5625
	Kt sub	(kN/m)	################	88001	60453	################
	Kt cim	(kN/m)	################	################	################	################
	Kt_cargas rápidas	(kN/m)	5625	8165	7834	5625
		REPARTO F (%)	20.6 %	30.0 %	28.7 %	20.6 %
	Kt_SISMO_1.65Gneop	(kN/m)	9281	12985	12282	9281
		REPARTO F (%)	21.2 %	29.6 %	28.0 %	21.2 %
	Kt_SISMO_0.90Gneop	(kN/m)	5063	7512	7271	5063
		REPARTO F (%)	20.3 %	30.2 %	29.2 %	20.3 %

MOVIMIENTOS TOTALES:

			(+) ⟶ E - 1	P - 1	P - 2	⟵ (-) E - 2
LONGITUDINAL	ACORT ELÁST	UX (mm)	0.0	0.0	0.0	0.0
	RETRACCIÓN	UX (mm)	2.6	1.0	-1.0	-2.6
	FLUENCIA	UX (mm)	0.0	0.0	0.0	0.0
	TEMPERATURA (+)	UX (mm)	-8.4	-3.2	3.2	8.4
	TEMPERATURA (-)	UX (mm)	5.9	2.3	-2.3	-5.9
	FRENADO	UX (mm)	15.4	15.4	15.4	15.4
	VIENTO DOM	UX (mm)	0.0	0.0	0.0	0.0
	VIENTO + SC	UX (mm)	0.0	0.0	0.0	0.0
	SISMO_L 1.65Gneop	UX (mm)	0.0	0.0	0.0	0.0
	SISMO_L 0.9Gneop	UX (mm)	0.0	0.0	0.0	0.0
TRANSVERSAL	F CENTRÍFUGA	UY (mm)	0.0	0.0	0.0	0.0
	VIENTO DOM	UY (mm)	0.0	0.0	0.0	0.0
	VIENTO + SC	UY (mm)	0.0	0.0	0.0	0.0
	SISMO_T 1.65Gneop	UY (mm)	0.0	0.0	0.0	0,0
	SISMO_T 0.9Gneop	UY (mm)	0.0	0.0	0.0	0.0

MOVIMIENTOS DE APOYOS:

			(+) ⟶ E - 1	P - 1	P - 2	⟵ (-) E - 2
LONGITUDINAL	ACORT ELÁST	UX (mm)	0.0	0,0	0.0	0,0
	RETRACCIÓN	UX (mm)	2.6	0.9	-0.8	-2.6
	FLUENCIA	UX (mm)	0.0	0.0	0.0	0.0
	TEMPERATURA (+)	UX (mm)	-8.4	-3.0	3.0	8.4
	TEMPERATURA (-)	UX (mm)	5.9	2.2	-2.1	-5.9
	FRENADO	UX (mm)	15.4	14.0	13.4	15.4
	VIENTO DOM	UX (mm)	0.0	0.0	0.0	0.0
	VIENTO + SC	UX (mm)	0.0	0.0	0.0	0.0
	SISMO_L 1.65Gneop	UX (mm)	0.0	0.0	0.0	0.0
	SISMO_L 0.9Gneop	UX (mm)	0.0	0.0	0.0	0.0
TRANSVERSAL	F CENTRÍFUGA	UY (mm)	0.0	0.0	0.0	0.0
	VIENTO DOM	UY (mm)	0.0	0.0	0.0	0.0
	VIENTO + SC	UY (mm)	0.0	0.0	0.0	0.0
	SISMO_T 1.65Gneop	UY (mm)	0.0	0.0	0.0	0.0
	SISMO_T 0.9Gneop	UY (mm)	0.0	0.0	0.0	0.0

JUNTAS DE TABLERO:

			SIGNO:	(+) ⟶ 0 E - 1	⟵ (-) 0 E - 2
COMBINACIÓN ELS CARACTERÍSTICA	APERTURA CASO A1	Ux (mm)		2.6	-2.6
	APERTURA CASO A2	Ux (mm)		6.1	-6.2
	APERTURA CASO A3	Ux (mm)		-2.5	2.4
	APERTURA CASO B1	Ux (mm)		6.1	-6.2
	APERTURA CASO B2	Ux (mm)		-2.5	2.4
	APERTURA CASO C	Ux (mm)		2.6	-2.6
	APERTURA CASO D1	Ux (mm)		8,5	-8,5
	APERTURA CASO D2	Ux (mm)		-5.8	5.8
	CIERRE CASO A1	Ux (mm)		0.0	0.0
	CIERRE CASO A2	Ux (mm)		3.6	-3.6
	CIERRE CASO A3	Ux (mm)		-5.0	5.0
	CIERRE CASO B1	Ux (mm)		3.6	-3.6
	CIERRE CASO B2	Ux (mm)		-5.0	5.0
	CIERRE CASO C	Ux (mm)		0.0	0,0
	CIERRE CASO D1	Ux (mm)		5.9	-5.9
	CIERRE CASO D2	Ux (mm)		-8.4	8,4
	APERTURA MÁX.	Ux (mm)		8.5	-8.5
	CIERRE MÁX.	Ux (mm)		-8.4	8.4
	RECORRIDO. MÁX JUNTA (mm)			17	17

ACCIONES HORIZONTALES (ALINEACIÓN):

			SIGNO:	(+) ⟶ 0 E - 1	0 P - 1	0 P - 2	⟵ (-) 0 E - 2
LONGITUDINAL	ACORT ELÁST	FX (kN)		0	0	0	0
	RETRACCIÓN	FX (kN)		7	4	-4	-7
	FLUENCIA	FX (kN)		0	0	0	0
	REOLÓGICAS:	FX (kN)		7	4	-4	-7
	TEMPERATURA (+)	FX (kN)		-24	-14	14	24
	TEMPERATURA (-)	FX (kN)		17	10	-10	-17
	FRENADO	FX (kN)		87	126	121	87
	VIENTO DOM	FX (kN)		0	0	0	0
	VIENTO + SC	FX (kN)		0	0	0	0
	SISMO_L 1.65Gneop	FX (kN)		0	0	0	0
	SISMO_L 0.9Gneop	FX (kN)		0	0	0	0
TRANSVERSAL	F CENTRÍFUGA	FY (kN)		0	0	0	0
	VIENTO DOM	FY (kN)		0	0	0	0
	VIENTO + SC	FY (kN)		0	0	0	0
	SISMO_T 1.65Gneop	FY (kN)		0	0	0	0
	SISMO_T 0.9Gneop	FY (kN)		0	0	0	0

ACCIONES HORIZONTALES (APOYO):

			(+) ⟶ E - 1	P - 1	P - 2	⟵ (-) E - 2
LONGITUDINAL	ACORT ELÁST	FX (kN)	0	0	0	0
	RETRACCIÓN	FX (kN)	4	2	-2	-4
	FLUENCIA	FX (kN)	0	0	0	0
	REOLÓGICAS:	FX (kN)	4	2	-2	-4
	TEMPERATURA (+)	FX (kN)	-12	-7	7	12
	TEMPERATURA (-)	FX (kN)	8	5	-5	-8
	FRENADO	FX (kN)	43	63	60	43
	VIENTO DOM	FX (kN)	0	0	0	0
	VIENTO + SC	FX (kN)	0	0	0	0
	SISMO_L 1.65Gneop	FX (kN)	0	0	0	0
	SISMO_L 0.9Gneop	FX (kN)	0	0	0	0
TRANSVERSAL	F CENTRÍFUGA	FY (kN)	0	0	0	0
	VIENTO DOM	FY (kN)	0	0	0	0
	VIENTO + SC	FY (kN)	0	0	0	0
	SISMO_T 1.65Gneop	FY (kN)	0	0	0	0
	SISMO_T 0.9Gneop	FY (kN)	0	0	0	0
COMBINACIÓN ELS CARACTERÍSTICA	MAX CASO A1	Fx (mm)	4	2	-2	-4
	MAX CASO A2	Fx (mm)	9	5	-5	-9
	MAX CASO A3	Fx (mm)	-3	-2	2	3
	MAX CASO B1	Fx (mm)	9	5	-5	-9
	MAX CASO B2	Fx (mm)	-3	-2	2	3
	MAX CASO C	Fx (mm)	4	2	-2	-4
	MAX CASO D1	Fx (mm)	12	7	-7	-12
	MAX CASO D2	Fx (mm)	-8	-5	5	8
	Fmáx	Fx (mm)	12	7	5	8
	Fmin	Fx (mm)	-8	-5	-7	-12
COMBINACIÓN ELU PERSISTENTES	MAX CASO A1	Fx (mm)	5	3	-3	-5
	MAX CASO A2	Fx (mm)	12	7	-7	-12
	MAX CASO A3	Fx (mm)	-7	-4	4	7
	MAX CASO B1	Fx (mm)	12	7	-7	-12
	MAX CASO B2	Fx (mm)	-7	-4	4	7
	MAX CASO C	Fx (mm)	5	3	-3	-5
	MAX CASO D1	Fx (mm)	17	10	-10	-17
	MAX CASO D2	Fx (mm)	-14	-8	8	14
	Fmáx	Fx (mm)	17	10	8	14
	Fmin	Fx (mm)	-14	-8	-10	-17

DEFINICIÓN DE LAS LÍNEAS DE APOYO DE LA ESTRUCTURA

LÍNEA APOYO:	E - 1	P - 1	P - 2	E - 2
DESIGNACIÓN:	250 x 300; 6(8+3)+3; 2 x 2.5	300 x 400; 4(12+4)+4; 2 x 2.5	300 x 400; 4(12+4)+4; 2 x 2.5	250 x 300; 6(8+3)+3; 2 x 2.5
Nº Neoprenos =	2	2	2	2
a ó ϕ (mm) =	250	300	300	250
b ó ϕ (mm) =	300	400	400	300
TIPO =	RECT	RECT	RECT	RECT
Atot (mm²) =	75,000	120,000	120,000	75,000
n_capas_elast =	6	4	4	6
ti_elast (mm) =	8.0	12.0	12.0	8.0
ts_ref (mm) =	3.0	4.0	4.0	3.0
e (mm) =	2.5	2.5	2.5	2.5
t_lat (mm) =	5.0	5.0	5.0	5.0
Htotal (mm) =	74.0	73.0	73.0	74.0
Helast / Hneta (mm) =	48.0	48.0	48.0	48.0
A (mm²) =	75000	120000	120000	75000
A1 (mm²) =	69600	113100	113100	69600
Lp (mm) =	1060	1360	1360	1060
FACT. FORMA S =	8.2	6.9	6.9	8.2
Gneop_INST (MPa) =	1.8	1.8	1.8	1.8
Kxy_RÁP (kN/m) =	2813	4500	4500	2813
Kxy_LEN (kN/m) =	1406	2250	2250	1406
Kxy_MEDIA (kN/m) =	2109	3375	3375	2109
Kz (kN/m) =	381,696	459,574	459,574	381,696
KRa_LEN (mkN/rad) =	838	1333	1333	838
KRb_LEN (mkN/rad) =	1786	4360	4360	1786
b / a =	1.20	1.33	1.33	1.20
ks =	80.8	78.1	78.1	80.8

TOTAL LÍNEA APOYOS:

Kxy_RÁP (kN/m) =	5625	9000	9000	5625
Kxy_LEN (kN/m) =	2813	4500	4500	2813
Kz (kN/m) =	763,392	919,148	919,148	763,392

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COMPROBACIONES DE APOYOS ELASTOMÉRICOS (UNE-1337-3)

	COMBINACIÓN A1: SC GR1 y V+SC			
APOYO:	E - 1	P - 1	P - 2	E - 2
Ux (mm) =	3.5	1.2	1.1	3.5
Uy (mm) =	0.0	0.0	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000	0.0000	0.0000
Fx (kN) =	5	3	3	5
Fy (kN) =	0	0	0	0
Fz,min (kN) =	150	500	500	150
Fz,max (kN) =	1400	2500	2500	1400
Ar (mm²) =	68596	112645	112654	68584
εc =	4.14	5.34	5.34	4.15
εq =	0.07	0.02	0.02	0.07
εα =	0.00	0.00	0.00	0.00
DISTORSIÓN TOT =	4.22	5.36	5.36	4.22
DISTORSIÓN Uxy =	0.07	0.02	0.02	0.07
Kh =	1.0	1.0	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!	OK!	OK!
ts,min (mm) =	2.0	2.9	2.9	2.0
ts,disp (mm) =	3.0	4.0	4.0	3.0
ESTAB. ROTACIÓN =	3.7	5.4	5.4	3.7
vz (mm) =	3.7	5.4	5.4	3.7
ESTAB. PANDEO =	OK!	OK!	OK!	OK!
RATIO (lim/máx):	1.21	1.13	1.13	1.21
σ máx (MPa) =	20.4	22.2	22.2	20.4
σ lim (MPa) =	24.6	25.1	25.1	24.6
ESTAB. DESLIZAM =	OK!	OK!	OK!	OK!
Fxy (kN) =	5	3	3	5
Fxy,máx (kN) =	77	151	151	77
μe =	0.51	0.30	0.30	0.51
Kf =	0.6	0.6	0.6	0.6
σ min (MPa) =	2.2	4.4	4.4	2.2
CHECK:	ANCLADO!	NO ANCLADO!	NO ANCLADO!	ANCLADO!

	COMBINACIÓN A2a: SC GR1 y TEMP-			
APOYO:	E - 1	P - 1	P - 2	E - 2
Ux (mm) =	8.8	3.1	3.1	8.9
Uy (mm) =	0.0	0.0	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000	0.0000	0.0000
Fx (kN) =	12	7	7	12
Fy (kN) =	0	0	0	0
Fz,min (kN) =	150	500	500	150
Fz,max (kN) =	1400	2500	2500	1400
Ar (mm²) =	67051	111889	111905	67032
εc =	4.24	5.37	5.37	4.24
εq =	0.18	0.06	0.06	0.18
εα =	0.00	0.00	0.00	0.00
DISTORSIÓN TOT =	4.42	5.44	5.44	4.43
DISTORSIÓN Uxy =	0.18	0.06	0.06	0.18
Kh =	1.0	1.0	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!	OK!	OK!
ts,min (mm) =	2.0	3.0	3.0	2.0
ts,disp (mm) =	3.0	4.0	4.0	3.0
ESTAB. ROTACIÓN =	3.7	5.4	5.4	3.7
vz (mm) =	3.7	5.4	5.4	3.7
ESTAB. PANDEO =	OK!	OK!	OK!	OK!
RATIO (lim/máx):	1.18	1.12	1.12	1.18
σ máx (MPa) =	20.9	22.3	22.3	20.9
σ lim (MPa) =	24.6	25.1	25.1	24.6
ESTAB. DESLIZAM =	OK!	OK!	OK!	OK!
Fxy (kN) =	12	7	7	12
Fxy,máx (kN) =	75	151	151	75
μe =	0.50	0.30	0.30	0.50
Kf =	0.6	0.6	0.6	0.6
σ min (MPa) =	2.2	4.5	4.5	2.2
CHECK:	ANCLADO!	NO ANCLADO!	NO ANCLADO!	ANCLADO!

COMBINACIÓN A2b: SC GR1 y TEMP+

APOYO:	E - 1	P - 1	P - 2	E - 2
Ux (mm) =	5.0	1.9	1.9	5.0
Uy (mm) =	0.0	0.0	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000	0.0000	0.0000
Fx (kN) =	7	4	4	7
Fy (kN) =	0	0	0	0
Fz,min (kN) =	150	500	500	150
Fz,max (kN) =	1400	2500	2500	1400
Ar (mm²) =	68161	112370	112372	68158
εc =	4.17	5.35	5.35	4.17
εq =	0.10	0.04	0.04	0.10
εα =	0.00	0.00	0.00	0.00
DISTORSIÓN TOT =	4.27	5.39	5.39	4.27
DISTORSIÓN Uxy =	0.10	0.04	0.04	0.10
Kh =	1.0	1.0	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!	OK!	OK!
ts,min (mm) =	2.0	3.0	3.0	2.0
ts,disp (mm) =	3.0	4.0	4.0	3.0
ESTAB. ROTACIÓN =	3.7	5.4	5.4	3.7
vz (mm) =	3.7	5.4	5.4	3.7
ESTAB. PANDEO =	OK!	OK!	OK!	OK!
RATIO (lim/máx):	1.20	1.13	1.13	1.20
σ máx (MPa) =	20.5	22.2	22.2	20.5
σ lim (MPa) =	24.6	25.1	25.1	24.6
ESTAB. DESLIZAM =	OK!	OK!	OK!	OK!
Fxy (kN) =	7	4	4	7
Fxy,máx (kN) =	76	151	151	76
μe =	0.51	0.30	0.30	0.51
Kf =	0.6	0.6	0.6	0.6
σ min (MPa) =	2.2	4.4	4.4	2.2
CHECK:	ANCLADO!	NO ANCLADO!	NO ANCLADO!	ANCLADO!

COMBINACIÓN Ba: SC GR2 y TEMP-

APOYO:	E - 1	P - 1	P - 2	E - 2
Ux (mm) =	8.8	3.1	3.1	8.9
Uy (mm) =	0.0	0.0	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000	0.0000	0.0000
Fx (kN) =	12	7	7	12
Fy (kN) =	0	0	0	0
Fz,min (kN) =	150	500	500	150
Fz,max (kN) =	1400	2500	2500	1400
Ar (mm²) =	67051	111889	111905	67032
εc =	4.24	5.37	5.37	4.24
εq =	0.18	0.06	0.06	0.18
εα =	0.00	0.00	0.00	0.00
DISTORSIÓN TOT =	4.42	5.44	5.44	4.43
DISTORSIÓN Uxy =	0.18	0.06	0.06	0.18
Kh =	1.0	1.0	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!	OK!	OK!
ts,min (mm) =	2.0	3.0	3.0	2.0
ts,disp (mm) =	3.0	4.0	4.0	3.0
ESTAB. ROTACIÓN =	3.7	5.4	5.4	3.7
vz (mm) =	3.7	5.4	5.4	3.7
ESTAB. PANDEO =	OK!	OK!	OK!	OK!
RATIO (lim/máx):	1.18	1.12	1.12	1.18
σ máx (MPa) =	20.9	22.3	22.3	20.9
σ lim (MPa) =	24.6	25.1	25.1	24.6
ESTAB. DESLIZAM =	OK!	OK!	OK!	OK!
Fxy (kN) =	12	7	7	12
Fxy,máx (kN) =	75	151	151	75
μe =	0.50	0.30	0.30	0.50
Kf =	0.6	0.6	0.6	0.6
σ min (MPa) =	2.2	4.5	4.5	2.2
CHECK:	ANCLADO!	NO ANCLADO!	NO ANCLADO!	ANCLADO!

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COMBINACIÓN Bb: SC GR2 y TEMP+

APOYO:	E - 1	P - 1	P - 2	E - 2
Ux (mm) =	5.0	1.9	1.9	5.0
Uy (mm) =	0.0	0.0	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000	0.0000	0.0000
Fx (kN) =	7	4	4	7
Fy (kN) =	0	0	0	0
Fz,min (kN) =	150	500	500	150
Fz,max (kN) =	1400	2500	2500	1400
Ar (mm²) =	68161	112370	112372	68158
εc =	4.17	5.35	5.35	4.17
εq =	0.10	0.04	0.04	0.10
εα =	0.00	0.00	0.00	0.00
DISTORSIÓN TOT =	4.27	5.39	5.39	4.27
DISTORSIÓN Uxy =	0.10	0.04	0.04	0.10
Kh =	1.0	1.0	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!	OK!	OK!
ts,min (mm) =	2.0	3.0	3.0	2.0
ts,disp (mm) =	3.0	4.0	4.0	3.0
ESTAB. ROTACIÓN =	3.7	5.4	5.4	3.7
vz (mm) =	3.7	5.4	5.4	3.7
ESTAB. PANDEO =	OK!	OK!	OK!	OK!
RATIO (lim/máx):	1.20	1.13	1.13	1.20
σ máx (MPa) =	20.5	22.2	22.2	20.5
σ lim (MPa) =	24.6	25.1	25.1	24.6
ESTAB. DESLIZAM =	OK!	OK!	OK!	OK!
Fxy (kN) =	7	4	4	7
Fxy,máx (kN) =	76	151	151	76
μe =	0.51	0.30	0.30	0.51
Kf =	0.6	0.6	0.6	0.6
σ min (MPa) =	2.2	4.4	4.4	2.2
CHECK:	ANCLADO!	NO ANCLADO!	NO ANCLADO!	ANCLADO!

COMBINACIÓN C: VIENTO DOM

APOYO:	E - 1	P - 1	P - 2	E - 2
Ux (mm) =	3.5	1.2	1.1	3.5
Uy (mm) =	0.0	0.0	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000	0.0000	0.0000
Fx (kN) =	5	3	3	5
Fy (kN) =	0	0	0	0
Fz,min (kN) =	150	500	500	150
Fz,max (kN) =	1400	2500	2500	1400
Ar (mm²) =	68596	112645	112654	68584
εc =	4.14	5.34	5.34	4.15
εq =	0.07	0.02	0.02	0.07
εα =	0.00	0.00	0.00	0.00
DISTORSIÓN TOT =	4.22	5.36	5.36	4.22
DISTORSIÓN Uxy =	0.07	0.02	0.02	0.07
Kh =	1.0	1.0	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!	OK!	OK!
ts,min (mm) =	2.0	2.9	2.9	2.0
ts,disp (mm) =	3.0	4.0	4.0	3.0
ESTAB. ROTACIÓN =	3.7	5.4	5.4	3.7
vz (mm) =	3.7	5.4	5.4	3.7
ESTAB. PANDEO =	OK!	OK!	OK!	OK!
RATIO (lim/máx):	1.21	1.13	1.13	1.21
σ máx (MPa) =	20.4	22.2	22.2	20.4
σ lim (MPa) =	24.6	25.1	25.1	24.6
ESTAB. DESLIZAM =	OK!	OK!	OK!	OK!
Fxy (kN) =	5	3	3	5
Fxy,máx (kN) =	77	151	151	77
μe =	0.51	0.30	0.30	0.51
Kf =	0.6	0.6	0.6	0.6
σ min (MPa) =	2.2	4.4	4.4	2.2
CHECK:	ANCLADO!	NO ANCLADO!	NO ANCLADO!	ANCLADO!

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COMBINACIÓN Da: TEMP DOM (-) y SC GR1				
APOYO:	E - 1	P - 1	P - 2	E - 2
Ux (mm) =	12.3	4.4	4.3	12.4
Uy (mm) =	0.0	0.0	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000	0.0000	0.0000
Fx (kN) =	17	10	10	17
Fy (kN) =	0	0	0	0
Fz,min (kN) =	150	500	500	150
Fz,max (kN) =	1400	2500	2500	1400
Ar (mm²) =	66021	111386	111406	65996
εc =	4.31	5.40	5.40	4.31
εq =	0.26	0.09	0.09	0.26
εα =	0.00	0.00	0.00	0.00
DISTORSIÓN TOT =	4.56	5.49	5.49	4.57
DISTORSIÓN Uxy =	0.26	0.09	0.09	0.26
Kh =	1.0	1.0	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!	OK!	OK!
ts,min (mm) =	2.0	3.0	3.0	2.0
ts,disp (mm) =	3.0	4.0	4.0	3.0
ESTAB. ROTACIÓN =	3.7	5.4	5.4	3.7
vz (mm) =	3.7	5.4	5.4	3.7
ESTAB. PANDEO =	OK!	OK!	OK!	OK!
RATIO (lim/máx):	1.16	1.12	1.12	1.16
σmáx (MPa) =	21.2	22.4	22.4	21.2
σlim (MPa) =	24.6	25.1	25.1	24.6
ESTAB. DESLIZAM =	OK!	OK!	OK!	OK!
Fxy (kN) =	17	10	10	17
Fxy,máx (kN) =	74	150	150	74
μe =	0.50	0.30	0.30	0.50
Kf =	0.6	0.6	0.6	0.6
σmin (MPa) =	2.3	4.5	4.5	2.3
CHECK:	ANCLADO!	NO ANCLADO!	NO ANCLADO!	ANCLADO!

COMBINACIÓN Db: TEMP DOM (-) y SC GR1				
APOYO:	E - 1	P - 1	P - 2	E - 2
Ux (mm) =	10.0	3.7	3.7	10.0
Uy (mm) =	0.0	0.0	0.0	0.0
Rx_TRANSV (rad) =	0.0000	0.0000	0.0000	0.0000
Ry_LONG (rad) =	0.0000	0.0000	0.0000	0.0000
Fx (kN) =	14	8	8	14
Fy (kN) =	0	0	0	0
Fz,min (kN) =	150	500	500	150
Fz,max (kN) =	1400	2500	2500	1400
Ar (mm²) =	66706	111658	111667	66696
εc =	4.26	5.38	5.38	4.26
εq =	0.21	0.08	0.08	0.21
εα =	0.00	0.00	0.00	0.00
DISTORSIÓN TOT =	4.47	5.46	5.46	4.47
DISTORSIÓN Uxy =	0.21	0.08	0.08	0.21
Kh =	1.0	1.0	1.0	1.0
ESPESOR CHAPAS:	OK!	OK!	OK!	OK!
ts,min (mm) =	2.0	3.0	3.0	2.0
ts,disp (mm) =	3.0	4.0	4.0	3.0
ESTAB. ROTACIÓN =	3.7	5.4	5.4	3.7
vz (mm) =	3.7	5.4	5.4	3.7
ESTAB. PANDEO =	OK!	OK!	OK!	OK!
RATIO (lim/máx):	1.17	1.12	1.12	1.17
σmáx (MPa) =	21.0	22.4	22.4	21.0
σlim (MPa) =	24.6	25.1	25.1	24.6
ESTAB. DESLIZAM =	OK!	OK!	OK!	OK!
Fxy (kN) =	14	8	8	14
Fxy,máx (kN) =	75	150	151	75
μe =	0.50	0.30	0.30	0.50
Kf =	0.6	0.6	0.6	0.6
σmin (MPa) =	2.2	4.5	4.5	2.2
CHECK:	ANCLADO!	NO ANCLADO!	NO ANCLADO!	ANCLADO!

Date : 13/10/22 Page : **18**

PROYECTO: 22-022 MONSA Arco Río Cabe en Monforte

DESCRIPCIÓN: CIMENTACIÓN MICROPILOTADA

1. METODOLOGÍA y BASES DE CÁLCULO

1. METODOLOGÍA y BASES DE CÁLCULO

En esta Hoja de Cálculo (y según la Guía citada) se aplica un procedimiento de análisis basado en coeficientes de seguridad parciales.

Para el cálculo de micropilotes en cimentaciones, las acciones que habrán de considerarse para definir las diferentes situaciones de proyecto susceptibles de análisis serán las reacciones en los apoyos de la estructura correspondiente para cargas mayoradas, de acuerdo con la Instrucción pertinente de acciones: IAP, IAPF (en el caso de Estructuras de Obra Civil) ó CTE (en el caso de Estructuras de Edificación):

En estructuras de cimentación, tanto en obras de nueva planta como de refuerzo o recalce, en general, los micropilotes se deberán proyectar para que trabajen sometidos a esfuerzos axiles, fundamentalmente de compresión y en ocasiones de tracción. Cuando la cimentación esté sometida a esfuerzos horizontales significativos, se podrán disponer micropilotes inclinados para absorber la componente horizontal de la carga o parte de la misma.

Los modos de fallo más usuales para esta aplicación son los de:

(*) ELU:
- Hundimiento
- Arranque
- Rotura del terreno por esfuerzos horizontales
- Fallo estructural de los micropilotes
- Fallo de la conexión con la estructura

(*) ELS:
- Asientos

Para cada modo de fallo, la capacidad resistente del micropilote o del conjunto micropilote- terreno, deberá cumplir:

$$R_d \geq E_d$$

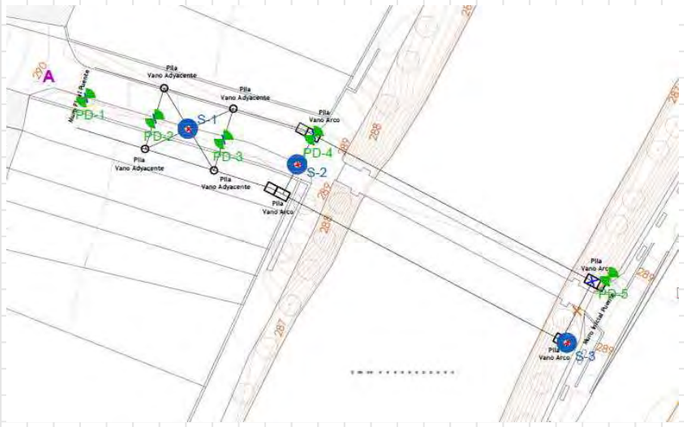
Rd: Resistencia de cálculo frente a un determinado modo de fallo, obtenida a partir de valores característicos minorados
Ed: Esfuerzo de cálculo para un determinado modo de fallo, obtenido a partir de acciones mayoradas

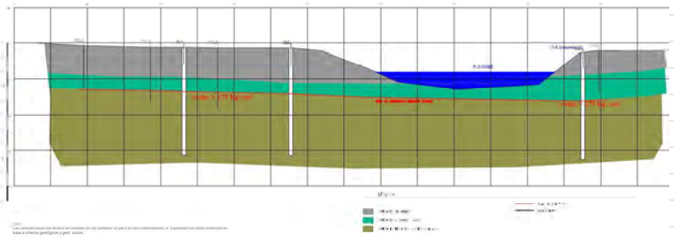
2. DEFINICIÓN DEL TERRENO DE CIMENTACIÓN BAJO EL ENCEPADO

NG1. Materiales de Relleno: Suelo areno limosos y gravas limosas y arcillosas de color marrón o negro dependiendo del contenido de materia orgánica con restos puntuales de escombro, cerámica etc. Se encuentra removilizado y su espesor varía al tratarse de un depósito antrópico, oscilando entre los 3,00 y 4,80 m según los sondeos. Su espesor es más acusado en la margen derecha del río (mirando aguas abajo), ya que el camino actual al puente existente presenta un importante relleno.

NG2. Materiales Aluviales: Gravas mal graduadas con matriz areno limosa arcillosa, de naturaleza cuarcítica fundamentalmente, aunque algunas son pizarrosas y esquistosas, de diámetros comprendidos entre 1 y 10 cm fundamentalmente, en matriz areno limosa o arenosa mal graduada de colores oscuros, redondeadas a subredondeadas, las pizarrosas y esquistosas planares. Clastosoportadas fundamentalmente, aunque existen lugares donde se encuentran matrizsoportadas. Puntualmente puede aparecer alguna de mayor diámetro. Los lentejones pueden presentar acuñamientos y cambios laterales de facies al poseer contactos erosivos. Puntualmente en el sondeo S-3 se presentan sedimentos aluviales más finos formados fundamentalmente por arenas mal graduadas y gravas de menor diámetro en la parte alta (1,50 m superiores).

NG3. Terciario. Arcillas arenosas y arenas limosas y arcillosas sobreconsolidados: Materiales terciarios formados por arcillas arenosas y arenas limosas y arcillosas que pueden variar ligeramente el contenido de finos. El contenido en finos oscila entre el 21,2% en los tramos más arenosos y el 54,0% en los más arcillosos, aunque puntualmente pueden llegar a valores entorno al 80%. En la zona de estudio los niveles más arcillosos son minoritarios, formando niveles areno arcillosos de 10 a 20 cm que pueden ir alternando. La compacidad de estos materiales es siempre de "compacta a densa". Colores verdosos que pasan a marronáceos en profundidad.





NOTA: COMPROBACIÓN DE LOS CÁLCULOS DEL INFORME GEOTÉCNICO (INVECO)

$$A_{lat} := \pi \cdot 200\ mm = 6000\ \frac{cm^2}{m}$$

$L_{micro} := 5.62\ m$ $\quad \tau_{fmicro} := 200\ kPa$

$CS := 3.00$

$$N_{maxc} := A_{lat} \cdot L_{micro} \cdot \frac{\tau_{fmicro}}{CS} = 235.4\ kN$$

$$\frac{200\ kN}{N_{maxc}} = 0.85$$

Cálculo del empotramiento de micropilotes (Lizzi 1985)

$P_{ult}\ C_s = \pi\ D\ I \sum (L_1\ k_1 + \ldots + L_n\ k_n)$

P_{ult}	Presión última (tope estructural)
C_s	Factor de seguridad
D	Diámetro nominal de perforación
L_1, L_2	Longitud de empotramiento en cada capa
k_1, k_2	Coeficiente de rozamiento por el fuste
I	Coeficiente adimensional que depende del diámetro
L_3	Longitud en el nivel de empotramiento
k_3	Coeficiente de rozamiento por el fuste en el nivel de empotramiento
L_{micro} (m) =	Longitud del micropilote

Datos:

P_{ult} (kg)	20000	20000	20000
C_s	3	3	3
D (cm)	20	20	20
I	0,85	0,85	0,85
L_1 (cm)	400	480	300
L_2 (cm)	200	150	360
k_1 (kp/cm²)	0	0	0
k_2 (kp/cm²)	0	0	0
k_3 (kp/cm²)	2	2	2
Resultados:			
$L_{3\,(m)}$ =	5,62	5,62	5,62
$L_{micro\,(m)}$ =	11,62	11,92	12,22

Coeficientes de la fórmula de Lizzi:

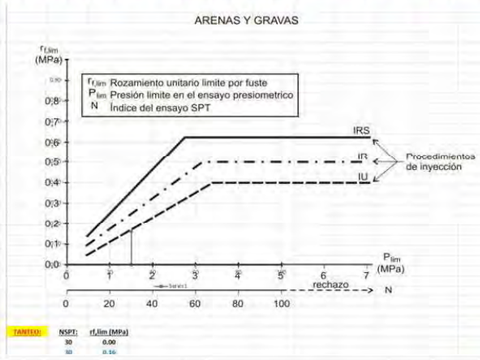
Suelo	K (Kpa)
Blando	50
Suelto	100
De compacidad media	150
Muy compacto , grava, arena	200
Roca	500

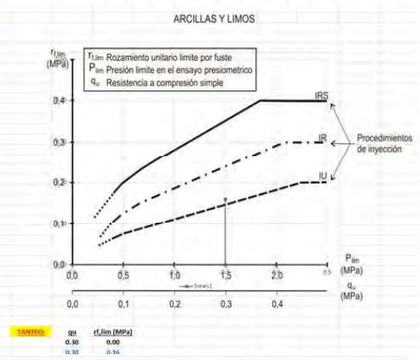
D (cm)	I
10	1,00
15	0,90
20	0,85
25	0,80

$K_{roca} \leq 500$ Kpa

Manuel Romana Ruiz: "II curso sobre recalces, Inclusiones, Inyecciones y Jet-Grouting"
Universidad politécnica de Valencia STRM

NOTA: CONSIDERAMOS UN NSPT PROMEDIO EN NG-3 = 30





Tensión admisible (en kg/cm²)

ENSAYO	Nspt medio	Cu (kg/cm²)	γ (g/cm³)	Tensión admisible
Sondeos y Ensayos de penetración	40-rechazo	1,76	2,20	3,84

3. CÁLCULO DE LA RESISTENCIA DEL MICROPILOTE

3.1.1 CÁLCULO DEL TOPE ESTRUCTURAL A COMPRESIÓN

Se debe comprobar:

$$N_{c,Rd} \geq N_{c,Ed}$$

donde:

$N_{c,Rd}$: Resistencia estructural del micropilote sometido a esfuerzos de compresión, o máxima capacidad que se le puede asignar como elemento estructural frente a este tipo de esfuerzos.

$N_{c,Ed}$: Esfuerzo axil de cálculo (compresión), obtenido a partir de acciones mayoradas.

La resistencia estructural del micropilote sometido a esfuerzos de compresión se puede determinar en general, mediante la siguiente expresión:

$$N_{c,Rd} = (0{,}85\ A_c f_{cd} + A_s f_{sd} + A_a f_{yd}) \cdot \frac{R}{1{,}20\ F_e}$$

3.1.2 CÁLCULO DEL TOPE ESTRUCTURAL A TRACCIÓN

Se debe comprobar:

$$N_{t,Rd} \geq N_{t,Ed}$$

donde:

$N_{t,Rd}$: Resistencia estructural del micropilote sometido a esfuerzos de tracción, o máxima capacidad que se le puede asignar como elemento estructural frente a este tipo de esfuerzos.

$N_{t,Ed}$: Esfuerzo axil de cálculo (tracción), obtenido a partir de acciones mayoradas.

El valor de la resistencia estructural del micropilote a tracción, se puede obtener de la siguiente expresión:

$$N_{t,Rd} = (A_s f_{sd} + A_a f_{yd}) \cdot \frac{1}{1{,}10}$$

RESUMEN DE CAPACIDAD RESISTENTE EN MICROPILOTES: TOPE ESTRUCTURAL

TABLA 4.1. DIÁMETROS MÁS HABITUALES DE PERFORACIÓN D_p, MICROPILOTE D Y ARMADURA TUBULAR d_e (mm)

D_p	D	d_e (*)
120	114,3	60,3 - 73,0
140	133,0	60,3 - 73,0 - 88,9
160	152,4	73,0 - 88,9 - 101,6
185	177,8	88,9 - 101,6 - 114,3 - 127,0
200	193,7	101,6 - 114,3 - 127,0 - 139,0
225	219,1	114,3 - 127,0 - 139,0 - 168,3

(*) El valor mayor de cada una de las filas de diámetros exteriores de armadura tubular d_e será válido únicamente en uniones roscadas.

MICROPILOTES:																				RESUMEN DE RESULTADOS	
PILAR:	Dp (mm)	Dnom (mm)	Dtuberia (mm)	ttuberia (mm)	Anom (cm²)	Atuberia (cm²)	W (kg/m)		fck (MPa)	fcd		fyk (MPa)	fyd	rec (mm)	MÍNIMO:	TIPO	Fuc	Fut	re (mm)	Acalc (cm²)	Fe	Rpandeo	Tc (kN)	Tt (kN)
								FS = 1,50			FS = 1,10													
ESTRIBO_1	225	219,1	139,0	8,0	177,0	32,9	25,8		30,0	20,0		550,0	500,0	41,0	25,0	OK!	LECHADA	1,00	0,50	2,50	22,1	1,50	0,80	855	505
PILA_1	225	219,1	139,0	8,0	177,0	32,9	25,8		30,0	20,0		550,0	500,0	41,0	25,0	OK!	LECHADA	1,00	0,50	2,50	22,1	1,50	0,80	855	505
PILA_2	225	219,1	139,0	8,0	177,0	32,9	25,8		30,0	20,0		550,0	500,0	41,0	25,0	OK!	LECHADA	1,00	0,50	2,50	22,1	1,50	0,80	855	505
ARCO-01	225	219,1	168,3	12,0	177,0	58,9	46,3		30,0	20,0		550,0	500,0	28,6	25,0	OK!	LECHADA	1,00	0,50	2,50	45,9	1,50	0,80	1056	1041
ARCO-02	225	219,1	168,3	12,0	177,0	58,9	46,3		30,0	20,0		550,0	500,0	28,6	25,0	OK!	LECHADA	1,00	0,50	2,50	45,9	1,50	0,80	1056	1041

3.2 RESISTENCIA FRENTE AL MODO DE FALLO DE HUNDIMIENTO

El valor de la resistencia de cálculo frente al modo de fallo de hundimiento $R_{c,d}$, deberá ser mayor o igual que el esfuerzo axil (compresión) de cálculo transmitido por la estructura en la hipótesis más desfavorable $N_{c,Ed}$, es decir:

$$R_{c,d} \geq N_{c,Ed}$$

donde:

$R_{c,d}$: Resistencia de cálculo frente al modo de fallo de hundimiento (esfuerzo axil de compresión).

$N_{c,Ed}$: Esfuerzo axil de cálculo (compresión), obtenido a partir de acciones mayoradas.

La resistencia de cálculo frente al modo de fallo de hundimiento será la suma de las resistencias de cálculo por fuste y por punta en su caso, las cuales dependen tanto de las características del micropilote, como del terreno de su entorno.

En este caso, se considera únicamente la Resistencia por Fuste y Punta del Micropilote en la Zona del Empotramiento en ROCA GM III.

El aprovechamiento del rozamiento por fuste a lo largo de los suelos o rocas alteradas, por encima de la profundidad del empotramiento en roca, requiere para poder desarrollarse una deformación que, en general, no es compatible con la propia condición de empotramiento en roca.

Cuando, de acuerdo con lo especificado en 3.3.1.2, pueda considerarse que el micropilote está empotrado en roca, la resistencia de cálculo en el empotramiento se obtendrá mediante la expresión:

$$R_{a,d} = A_{l,a} \cdot f_{a,d} + A_{Pa} \cdot q_{pa,d}$$

donde:

$R_{a,d}$: Resistencia de cálculo en el empotramiento en roca.

$A_{l,a}$: Área lateral del micropilote en el empotramiento en roca.

$f_{a,d}$: Resistencia unitaria por fuste de cálculo en el empotramiento en roca.

A_{Pa}: Área de la sección recta de la punta en el empotramiento en roca.

$q_{pa,d}$: Resistencia unitaria por punta de cálculo en el empotramiento en roca.

3.3 RESISTENCIA FRENTE AL MODO DE FALLO DE ARRANQUE

El valor de la resistencia de cálculo frente al modo de fallo de arranque $R_{t,d}$, deberá ser mayor o igual que el esfuerzo axil (tracción) de cálculo transmitido por la estructura en la hipótesis más desfavorable $N_{t,Ed}$, es decir:

$$R_{t,d} \geq N_{t,Ed}$$

donde:

$R_{t,d}$: Resistencia de cálculo frente al modo de fallo de arranque (esfuerzo axil de tracción).

$N_{t,Ed}$: Esfuerzo axil de cálculo (tracción), obtenido a partir de acciones mayoradas.

Las comprobaciones que se efectúan en este apartado no comprenden el posible fallo por aplicación de esfuerzos de tracción, en que se produzcan superficies de rotura distintas de la del contacto micropilote-terreno (es decir, cuando tenga lugar el arranque simultáneo del micropilote y el cono de tierras circundante, bien desde la punta, o desde cualquier altura intermedia), que deben analizarse con la metodología del fallo de estabilidad global, según se especifica en el epígrafe 3.1.2.

La resistencia de cálculo frente al modo de fallo de arranque, en micropilotes sometidos a esfuerzos axiles de tracción, se obtiene como suma de la resistencia por fuste frente a esfuerzos de tracción y la componente del peso propio del micropilote en la dirección de su eje.

El rozamiento unitario por fuste de cálculo frente a esfuerzos de tracción podrá determinarse mediante la expresión:

$$r_{a,d} = \eta \cdot r_{a,d}$$

donde:

$r_{a,d}$: Rozamiento unitario de cálculo por fuste frente a esfuerzos de tracción.

η: Coeficiente que tiene en cuenta la alternancia de cargas sobre el micropilote:
- Micropilotes sometidos alternativamente a cargas de compresión y tracción: $\eta = 0{,}60$.
- Micropilotes sometidos únicamente a esfuerzos de tracción: $\eta = 0{,}75$.

$r_{a,d}$: Rozamiento unitario de cálculo por fuste frente a esfuerzos de compresión. Se adoptará el que se considere más representativo de entre los valores siguientes:
- El obtenido por el método teórico (véase epígrafe 3.3.2.3).
- El obtenido por correlaciones empíricas (véase epígrafe 3.3.2.4).

RESUMEN DE CAPACIDAD RESISTENTE EN MICROPILOTES: ELU HUNDIMIENTO

D_p	D
120	114,3
140	133,0
160	152,4
185	177,8
200	193,7
225	219,1

PILAR:	Dp (mm)	Dnom (mm)	Atub (m²/m)	Ap (m²)	Hoja 1 y 2: FS = 1,45 cf (MPa)	kN/m²	L (m)	ΔN (kN)	Hoja 3: FS = 1,45 cf (MPa)	kN/m²	L (m)	ΔN (kN)	Hoja 4: FS = 1,45 cf (MPa)	kN/m²	L (m)	ΔN (kN)	Hoja 5: FS = 1,45 cf (MPa)	kN/m²	L (m)	ΔN (kN)	Hoja 6: FS = 1,45 cf (MPa)	kN/m²	Lcomp (m)	ΔN (kN)	RASANTE Lsrd (m)
ESTRIBO_1	225	219	0,6881	0,0317	0,00	0,0	5,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,50	97,0	10,00	667	12,50
PILA_1	225	219	0,6881	0,0317	0,00	0,0	2,50	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,50	97,0	10,00	667	12,50
PILA_2	225	219	0,6881	0,0317	0,00	0,0	2,50	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,50	97,0	10,00	667	12,50
ARCO-01	225	219	0,6897	0,0327	0,00	0,0	2,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,48	97,0	15,00	1001	17,50
ARCO-02	225	219	0,6881	0,0317	0,00	0,0	3,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,50	97,0	15,00	1001	16,00
	150	141	0,4423	0,0180	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,55	97,0	0,00	0	0,00
	150	141	0,4423	0,0180	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,55	97,0	0,00	0	0,00
	150	141	0,4423	0,0180	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,55	97,0	0,00	0	0,00
	150	141	0,4423	0,0180	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,55	97,0	0,00	0	0,00
	150	141	0,4423	0,0180	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,00	0,0	0,00	0	0,55	97,0	0,00	0	0,00

RESUMEN DE RESULTADOS-COMPRESIÓN				RESUMEN DE RESULTADOS-TRACCIÓN			
PILAR:	Rc (kN)	Nd (ELU)	Γ	PILAR:	Rt (kN)	Nd (ELU)	Γ
ESTRIBO_1	667	500	1,33	ESTRIBO_1	667	200	3,33
PILA_1	667	500	1,33	PILA_1	667	200	3,33
PILA_2	667	500	1,33	PILA_2	667	200	3,33
ARCO-01	1001	750	1,33	ARCO-01	1001	350	2,86
ARCO-02	1001	750	1,33	ARCO-02	1001	500	2,00
	0	0	500	0,00	0	0	800
	0	0	550	0,00	0	0	800
	0	0	500	0,00	0	0	800
	0	0	500	0,00	0	0	800
	0	0	500	0,00	0	0	800

CIMENTACIONES MEDIANTE MICROPILOTES (GPEMOC)

Conexión ACERO-HORMIGÓN - BARRA CORRUGADA EN BUCLE

PROYECTO: 22-022 MONSA_Arco Río Cabe

DESCRIPCIÓN: ARCO PPAL_CONEXIÓN MICROPILOTES

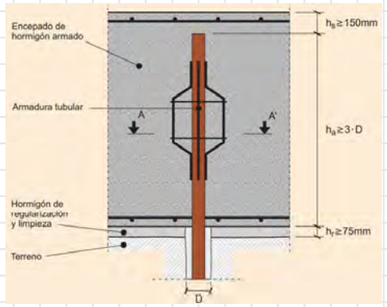
1. DEFINICIÓN y CÁLCULO DE LA CONEXIÓN

Diámetro del MICROPILOTE: $D = 225.0\ mm$

Empotramiento NECESARIO: $EMP = 3 \cdot D = 0.68\ m$

CANTO MÍNIMO ENCEPADO: $H_{minenc} = EMP + 150\ mm = 0.83\ m$

CANTO ENCEPADO: $H_{enc} = 2.00\ m$



Definición de la CONEXIÓN: $N_{conect} = 4$

Número BUCLES : $N_{bucles} = 2$

$SEPARACIÓN = \frac{360\ deg}{N_{conect}} = 90.0\ deg$

DEL LADO DE LA SEGURIDAD SÓLO SE CONSIDERA LA RAMA "TRACCIONADA" DEL BUCLE!

LONGITUD MÁXIMA ->: $H_{enc} - 2 \cdot 150\ mm = 1700\ mm$

Diámetro del CONECTOR: $\phi_{conect} = 16\ mm$

$A_{conect} = 0.25 \cdot \pi \cdot \phi_{conect}^{2} = 2.01\ cm^2$

$f_{ydconect} = 400\ MPa$

Ángulo CONECTOR: $\alpha_{conect} = 45.0\ deg$

Área TOTAL de la CONEXIÓN: $A_{tot} = N_{conect} \cdot \left(N_{bucles} \cdot A_{conect} \right) = 16.08\ cm^2$

Capacidad TOTAL de la CONEXIÓN:

$$N_{Ruconect} = \frac{A_{tot} \cdot f_{ydconect}}{\sqrt{1 + \sin\left(\alpha_{conect}\right)^2}} = 525.3\ kN$$

Axil MÁXIMO_ELU (C/T): $N_{Edmax} = 500.0\ kN$

$$\Gamma_{CONECT} = \frac{N_{Edmax}}{N_{Ruconect}} = 0.95$$

< 1.00!

Comprobación de la SOLDADURA de los Conectores: $F_{maxconect} = \frac{N_{Ruconect}}{N_{conect}} = 131.3\ kN$

Espesor GARGANTA: $a = 0.4 \cdot \phi_{conect} = 6.4\ mm$

Longitud MÁXIMA CORDÓN: $L_{wmax} = 5 \cdot \phi_{conect} = 80.0\ mm$

Capacidad Resistente Acero: $f_u = 430\ MPa$ $\beta_w = 0.85$ $\gamma_{M2} = 1.25$

Longitud NECESARIA Soldadura POR CONECTOR:

$$L_{soldnec} = \frac{F_{maxconect}}{a \cdot \frac{f_u}{\beta_w \cdot \gamma_{M2} \cdot \sqrt{3}}} = 87.8\ mm$$

CIMENTACIONES MEDIANTE MICROPILOTES (GPEMOC)

Conexión ACERO-HORMIGÓN - BARRA CORRUGADA EN BUCLE

PROYECTO: 22-022 MONSA_Arco Río Cabe

DESCRIPCIÓN: VDTOS ACCESO_CONEXIÓN MICROPILOTES

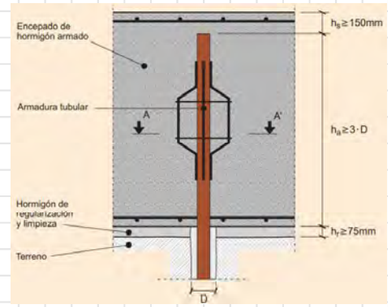
1. DEFINICIÓN y CÁLCULO DE LA CONEXIÓN

Diámetro del MICROPILOTE: $D = 225.0\ mm$

Empotramiento NECESARIO: $EMP = 3 \cdot D = 0.68\ m$

CANTO MÍNIMO ENCEPADO: $H_{minenc} = EMP + 150\ mm = 0.83\ m$

CANTO ENCEPADO: $H_{enc} = 1.20\ m$



Definición de la CONEXIÓN: $N_{conect} = 5$

Número BUCLES : $N_{bucles} = 2$

$SEPARACIÓN = \frac{360\ deg}{N_{conect}} = 72.0\ deg$

DEL LADO DE LA SEGURIDAD SÓLO SE CONSIDERA LA RAMA "TRACCIONADA" DEL BUCLE!

LONGITUD MÁXIMA ->: $H_{enc} - 2 \cdot 150\ mm = 900\ mm$

Diámetro del CONECTOR: $\phi_{conect} = 16\ mm$

$A_{conect} = 0.25 \cdot \pi \cdot \phi_{conect}^{2} = 2.01\ cm^2$

$f_{ydconect} = 400\ MPa$

Ángulo CONECTOR: $\alpha_{conect} = 45.0\ deg$

Área TOTAL de la CONEXIÓN: $A_{tot} = N_{conect} \cdot \left(N_{bucles} \cdot A_{conect} \right) = 20.11\ cm^2$

Capacidad TOTAL de la CONEXIÓN:

$$N_{Ruconect} = \frac{A_{tot} \cdot f_{ydconect}}{\sqrt{1 + \sin\left(\alpha_{conect}\right)^2}} = 656.7\ kN$$

Axil MÁXIMO_ELU (C/T): $N_{Edmax} = 650.0\ kN$

$$\Gamma_{CONECT} = \frac{N_{Edmax}}{N_{Ruconect}} = 0.99$$

< 1.00!

Comprobación de la SOLDADURA de los Conectores: $F_{maxconect} = \frac{N_{Ruconect}}{N_{conect}} = 131.3\ kN$

Espesor GARGANTA: $a = 0.4 \cdot \phi_{conect} = 6.4\ mm$

Longitud MÁXIMA CORDÓN: $L_{wmax} = 5 \cdot \phi_{conect} = 80.0\ mm$

Capacidad Resistente Acero: $f_u = 430\ MPa$ $\beta_w = 0.85$ $\gamma_{M2} = 1.25$

Longitud NECESARIA Soldadura POR CONECTOR:

$$L_{soldnec} = \frac{F_{maxconect}}{a \cdot \frac{f_u}{\beta_w \cdot \gamma_{M2} \cdot \sqrt{3}}} = 87.8\ mm$$