

TABLE: Joint Displacements									
Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2	R3
Text	Text	Text	Text	m	m	m	Radians	Radians	Radians
140	Tren A6	LinDirHis	Max	0	0	4.339E-13	0.000036	0.000063	0
140	Tren A6	LinDirHis	Min	0	0	-0.000702	-0.000022	-2.318E-07	0
229	Tren A6	LinDirHis	Max	0	0	1.444E-13	2.079E-08	0.000029	0
229	Tren A6	LinDirHis	Min	0	0	-0.000586	-0.000138	-0.00008	0
230	Tren A6	LinDirHis	Max	0	0	4.071E-13	9.032E-07	0.000038	0
230	Tren A6	LinDirHis	Min	0	0	-0.000634	-0.000068	-0.000089	0
231	Tren A6	LinDirHis	Max	0	0	6.338E-14	2.48E-14	0.000123	0
231	Tren A6	LinDirHis	Min	0	0	-0.000433	-0.000183	-0.000113	0
232	Tren A6	LinDirHis	Max	0	0	0.000021	1.855E-14	0.000164	0
232	Tren A6	LinDirHis	Min	0	0	-0.000825	-0.000204	-0.000055	0
233	Tren A6	LinDirHis	Max	0	0	0.000033	2.979E-14	0.000107	0
233	Tren A6	LinDirHis	Min	0	0	-0.001056	-0.000269	-0.000085	0
234	Tren A6	LinDirHis	Max	0	0	0.00001	0.000002482	0.000206	0
234	Tren A6	LinDirHis	Min	0	0	-0.001085	-0.000355	-0.00012	0
235	Tren A6	LinDirHis	Max	0	0	0.000009918	0.00000167	0.000217	0
235	Tren A6	LinDirHis	Min	0	0	-0.00159	-0.000351	-0.000079	0
236	Tren A6	LinDirHis	Max	0	0	0.000023	6.165E-07	0.000207	0
236	Tren A6	LinDirHis	Min	0	0	-0.001885	-0.000401	-0.000128	0
237	Tren A6	LinDirHis	Max	0	0	0.000012	0.000002598	0.000285	0
237	Tren A6	LinDirHis	Min	0	0	-0.002122	-0.000448	-0.000154	0
238	Tren A6	LinDirHis	Max	0	0	0.000008412	0.000002078	0.000281	0
238	Tren A6	LinDirHis	Min	0	0	-0.002638	-0.000432	-0.00014	0
239	Tren A6	LinDirHis	Max	0	0	0.000019	0.000001358	0.000301	0
239	Tren A6	LinDirHis	Min	0	0	-0.002957	-0.000465	-0.000191	0
240	Tren A6	LinDirHis	Max	0	0	0.000016	0.000002801	0.000353	0
240	Tren A6	LinDirHis	Min	0	0	-0.003297	-0.00048	-0.000211	0
241	Tren A6	LinDirHis	Max	0	0	0.000015	0.000002484	0.000352	0
241	Tren A6	LinDirHis	Min	0	0	-0.003776	-0.00046	-0.000217	0
242	Tren A6	LinDirHis	Max	0	0	0.000023	0.000002049	0.000383	0
242	Tren A6	LinDirHis	Min	0	0	-0.004126	-0.00047	-0.00026	0
244	Tren A6	LinDirHis	Max	0	0	0.000025	0.000002699	0.000415	0
244	Tren A6	LinDirHis	Min	0	0	-0.004932	-0.000436	-0.000293	0
245	Tren A6	LinDirHis	Max	0	0	0.000032	0.000002448	0.000444	0
245	Tren A6	LinDirHis	Min	0	0	-0.00527	-0.000428	-0.000327	0
246	Tren A6	LinDirHis	Max	0	0	0.000034	0.000002978	0.000458	0
246	Tren A6	LinDirHis	Min	0	0	-0.005645	-0.000402	-0.000344	0
247	Tren A6	LinDirHis	Max	0	0	0.000037	0.000002686	0.000469	0
247	Tren A6	LinDirHis	Min	0	0	-0.00601	-0.000368	-0.000374	0
248	Tren A6	LinDirHis	Max	0	0	0.000043	0.000002377	0.000498	0
248	Tren A6	LinDirHis	Min	0	0	-0.006323	-0.000345	-0.000408	0
249	Tren A6	LinDirHis	Max	0	0	0.000048	0.000002596	0.000504	0
249	Tren A6	LinDirHis	Min	0	0	-0.00664	-0.000308	-0.000429	0
250	Tren A6	LinDirHis	Max	0	0	0.000056	0.000002411	0.00051	0
250	Tren A6	LinDirHis	Min	0	0	-0.006916	-0.000271	-0.000451	0
251	Tren A6	LinDirHis	Max	0	0	0.000066	0.00000232	0.000519	0
251	Tren A6	LinDirHis	Min	0	0	-0.007134	-0.000238	-0.000476	0
252	Tren A6	LinDirHis	Max	0	0	0.000073	0.000002555	0.000519	0

252	Tren A6	LinDirHis	Min	0	0	-0.00733	-0.000195	-0.000492	0
253	Tren A6	LinDirHis	Max	0	0	0.000079	0.000007083	0.000518	0
253	Tren A6	LinDirHis	Min	0	0	-0.007479	-0.000155	-0.000509	0
254	Tren A6	LinDirHis	Max	0	0	0.000084	0.000017	0.000516	0
254	Tren A6	LinDirHis	Min	0	0	-0.007577	-0.00012	-0.000526	0
255	Tren A6	LinDirHis	Max	0	0	0.000087	0.000038	0.000506	0
255	Tren A6	LinDirHis	Min	0	0	-0.007637	-0.000086	-0.000536	0
256	Tren A6	LinDirHis	Max	0	0	0.00009	0.000074	0.000498	0
256	Tren A6	LinDirHis	Min	0	0	-0.007643	-0.000053	-0.000546	0
257	Tren A6	LinDirHis	Max	0	0	0.000092	0.000113	0.000486	0
257	Tren A6	LinDirHis	Min	0	0	-0.007597	-0.000029	-0.000555	0
258	Tren A6	LinDirHis	Max	0	0	0.000093	0.000153	0.000468	0
258	Tren A6	LinDirHis	Min	0	0	-0.007508	-0.000017	-0.000557	0
259	Tren A6	LinDirHis	Max	0	0	0.000093	0.000196	0.000451	0
259	Tren A6	LinDirHis	Min	0	0	-0.007359	-0.000011	-0.00056	0
260	Tren A6	LinDirHis	Max	0	0	0.000092	0.000236	0.000428	0
260	Tren A6	LinDirHis	Min	0	0	-0.007156	-0.000007857	-0.000558	0
261	Tren A6	LinDirHis	Max	0	0	0.000089	0.000274	0.0004	0
261	Tren A6	LinDirHis	Min	0	0	-0.006903	-0.000006415	-0.000549	0
262	Tren A6	LinDirHis	Max	0	0	0.000086	0.000315	0.000376	0
262	Tren A6	LinDirHis	Min	0	0	-0.006576	-0.000006282	-0.000544	0
263	Tren A6	LinDirHis	Max	0	0	0.00008	0.000348	0.000341	0
263	Tren A6	LinDirHis	Min	0	0	-0.006226	-0.000006202	-0.000522	0
264	Tren A6	LinDirHis	Max	0	0	0.000075	0.000379	0.000303	0
264	Tren A6	LinDirHis	Min	0	0	-0.005841	-0.000005942	-0.000497	0
265	Tren A6	LinDirHis	Max	0	0	0.000066	0.000415	0.000286	0
265	Tren A6	LinDirHis	Min	0	0	-0.005378	-0.000006125	-0.000487	0
266	Tren A6	LinDirHis	Max	0	0	0.000055	0.000429	0.000254	0
266	Tren A6	LinDirHis	Min	0	0	-0.004954	-0.000005831	-0.000456	0
267	Tren A6	LinDirHis	Max	0	0	0.000049	0.000441	0.000214	0
267	Tren A6	LinDirHis	Min	0	0	-0.004498	-0.000005164	-0.000434	0
268	Tren A6	LinDirHis	Max	0	0	0.000043	0.000469	0.000203	0
268	Tren A6	LinDirHis	Min	0	0	-0.003943	-0.000005723	-0.000419	0
269	Tren A6	LinDirHis	Max	0	0	0.000036	0.000453	0.000164	0
269	Tren A6	LinDirHis	Min	0	0	-0.003508	-0.000005689	-0.000365	0
270	Tren A6	LinDirHis	Max	0	0	0.000035	0.000444	0.000119	0
270	Tren A6	LinDirHis	Min	0	0	-0.002996	-0.000005015	-0.000347	0
271	Tren A6	LinDirHis	Max	0	0	0.000028	0.000451	0.000126	0
271	Tren A6	LinDirHis	Min	0	0	-0.002403	-0.000005749	-0.000321	0
272	Tren A6	LinDirHis	Max	0	0	0.000022	0.000392	0.000077	0
272	Tren A6	LinDirHis	Min	0	0	-0.002069	-0.000005269	-0.000245	0
273	Tren A6	LinDirHis	Max	0	0	0.000024	0.000357	0.000045	0
273	Tren A6	LinDirHis	Min	0	0	-0.001565	-0.000004321	-0.000246	0
274	Tren A6	LinDirHis	Max	0	0	0.000013	0.000329	0.000085	0
274	Tren A6	LinDirHis	Min	0	0	-0.001074	-0.000005117	-0.0002	0
275	Tren A6	LinDirHis	Max	0	0	0.00002	0.000211	0.000027	0
275	Tren A6	LinDirHis	Min	0	0	-0.000979	-0.000004058	-0.000124	0
276	Tren A6	LinDirHis	Max	0	0	0.000019	0.000142	0.000006416	0
276	Tren A6	LinDirHis	Min	0	0	-0.000551	-0.000003026	-0.000167	0
277	Tren A6	LinDirHis	Max	0	0	0.000039	0.000068	0.000017	0

277	Tren A6	LinDirHis	Min	0	0	-0.000203	-0.000003665	-0.000035	0
278	Tren A6	LinDirHis	Max	0	0	0.000009283	0.000076	0.00000366	0
278	Tren A6	LinDirHis	Min	0	0	-0.000213	-0.000003785	-0.000121	0
279	Tren A6	LinDirHis	Max	0	0	1.166E-12	0.000012	0.000201	0
279	Tren A6	LinDirHis	Min	0	0	-0.000348	-0.000006154	-0.000001514	0
280	Tren A6	LinDirHis	Max	0	0	1.293E-07	1.895E-14	0.000149	0
280	Tren A6	LinDirHis	Min	0	0	-0.00065	-0.000194	-0.000035	0
283	Tren A6	LinDirHis	Max	0	0	0.000035	9.96E-15	0.000099	0
283	Tren A6	LinDirHis	Min	0	0	-0.001052	-0.000229	-0.00002	0
347	Tren A6	LinDirHis	Max	0	0	0.000023	0.000001085	0.000125	0
347	Tren A6	LinDirHis	Min	0	0	-0.00108	-0.000326	-0.000095	0
378	Tren A6	LinDirHis	Max	0	0	0.000002972	0.000002413	0.000219	0
378	Tren A6	LinDirHis	Min	0	0	-0.001362	-0.000359	-0.00006	0
379	Tren A6	LinDirHis	Max	0	0	0.000021	9.905E-07	0.000178	0
379	Tren A6	LinDirHis	Min	0	0	-0.00182	-0.000376	-0.00007	0
380	Tren A6	LinDirHis	Max	0	0	0.000018	0.000001579	0.000231	0
380	Tren A6	LinDirHis	Min	0	0	-0.002003	-0.000441	-0.000132	0
381	Tren A6	LinDirHis	Max	0	0	0.000007077	0.000002724	0.000284	0
381	Tren A6	LinDirHis	Min	0	0	-0.002414	-0.000449	-0.000116	0
383	Tren A6	LinDirHis	Max	0	0	0.000015	0.000001552	0.000264	0
383	Tren A6	LinDirHis	Min	0	0	-0.002855	-0.000456	-0.000143	0
388	Tren A6	LinDirHis	Max	0	0	0.000019	0.000002196	0.000318	0
388	Tren A6	LinDirHis	Min	0	0	-0.003129	-0.00049	-0.00019	0
389	Tren A6	LinDirHis	Max	0	0	0.000014	0.000002984	0.000341	0
389	Tren A6	LinDirHis	Min	0	0	-0.003573	-0.000477	-0.000188	0
390	Tren A6	LinDirHis	Max	0	0	0.000019	0.000002128	0.000348	0
390	Tren A6	LinDirHis	Min	0	0	-0.003991	-0.000473	-0.000216	0
391	Tren A6	LinDirHis	Max	0	0	0.000024	0.000002667	0.000389	0
391	Tren A6	LinDirHis	Min	0	0	-0.004334	-0.000481	-0.000251	0
392	Tren A6	LinDirHis	Max	0	0	0.000024	0.00000311	0.000397	0
392	Tren A6	LinDirHis	Min	0	0	-0.004762	-0.000456	-0.00026	0
393	Tren A6	LinDirHis	Max	0	0	0.000029	0.000002505	0.000415	0
393	Tren A6	LinDirHis	Min	0	0	-0.005131	-0.000442	-0.000288	0
394	Tren A6	LinDirHis	Max	0	0	0.000033	0.000002903	0.00044	0
394	Tren A6	LinDirHis	Min	0	0	-0.005477	-0.00043	-0.000316	0
448	Tren A6	LinDirHis	Max	0	0	0.000035	0.000003055	0.000444	0
448	Tren A6	LinDirHis	Min	0	0	-0.005865	-0.000395	-0.000332	0
449	Tren A6	LinDirHis	Max	0	0	0.00004	0.000002539	0.000469	0
449	Tren A6	LinDirHis	Min	0	0	-0.006195	-0.000369	-0.000371	0
450	Tren A6	LinDirHis	Max	0	0	0.000046	0.000002587	0.000485	0
450	Tren A6	LinDirHis	Min	0	0	-0.006508	-0.000334	-0.000398	0
451	Tren A6	LinDirHis	Max	0	0	0.000051	0.000002617	0.000487	0
451	Tren A6	LinDirHis	Min	0	0	-0.006814	-0.000293	-0.000415	0
452	Tren A6	LinDirHis	Max	0	0	0.000061	0.000002366	0.000498	0
452	Tren A6	LinDirHis	Min	0	0	-0.007056	-0.000258	-0.000439	0
455	Tren A6	LinDirHis	Max	0	0	0.00007	0.00000242	0.000501	0
455	Tren A6	LinDirHis	Min	0	0	-0.007263	-0.000219	-0.000459	0
516	Tren A6	LinDirHis	Max	0	0	0.000076	0.000004722	0.000498	0
516	Tren A6	LinDirHis	Min	0	0	-0.007441	-0.000175	-0.000473	0
517	Tren A6	LinDirHis	Max	0	0	0.000082	0.000012	0.000499	0

517	Tren A6	LinDirHis	Min	0	0	-0.007561	-0.000139	-0.000492	0
518	Tren A6	LinDirHis	Max	0	0	0.000086	0.000025	0.000491	0
518	Tren A6	LinDirHis	Min	0	0	-0.007639	-0.000103	-0.000506	0
519	Tren A6	LinDirHis	Max	0	0	0.000089	0.000057	0.000482	0
519	Tren A6	LinDirHis	Min	0	0	-0.007675	-0.000069	-0.000514	0
527	Tren A6	LinDirHis	Max	0	0	0.000092	0.000095	0.000473	0
527	Tren A6	LinDirHis	Min	0	0	-0.007652	-0.000036	-0.000526	0
528	Tren A6	LinDirHis	Max	0	0	0.000093	0.000135	0.000456	0
528	Tren A6	LinDirHis	Min	0	0	-0.007586	-0.000023	-0.000531	0
529	Tren A6	LinDirHis	Max	0	0	0.000093	0.000177	0.00044	0
529	Tren A6	LinDirHis	Min	0	0	-0.007468	-0.000014	-0.000532	0
531	Tren A6	LinDirHis	Max	0	0	0.000093	0.000219	0.000421	0
531	Tren A6	LinDirHis	Min	0	0	-0.007289	-0.000009777	-0.000535	0
532	Tren A6	LinDirHis	Max	0	0	0.00009	0.000257	0.000394	0
532	Tren A6	LinDirHis	Min	0	0	-0.007065	-0.000007412	-0.000529	0
533	Tren A6	LinDirHis	Max	0	0	0.000088	0.000299	0.000371	0
533	Tren A6	LinDirHis	Min	0	0	-0.006774	-0.000006712	-0.000522	0
539	Tren A6	LinDirHis	Max	0	0	0.000084	0.00034	0.000344	0
539	Tren A6	LinDirHis	Min	0	0	-0.006427	-0.000006745	-0.000511	0
540	Tren A6	LinDirHis	Max	0	0	0.000078	0.000371	0.000301	0
540	Tren A6	LinDirHis	Min	0	0	-0.006071	-0.000006301	-0.000481	0
541	Tren A6	LinDirHis	Max	0	0	0.000071	0.000408	0.000278	0
541	Tren A6	LinDirHis	Min	0	0	-0.005636	-0.00000634	-0.00047	0
542	Tren A6	LinDirHis	Max	0	0	0.000061	0.000435	0.000256	0
542	Tren A6	LinDirHis	Min	0	0	-0.005182	-0.000006484	-0.000454	0
543	Tren A6	LinDirHis	Max	0	0	0.000052	0.000442	0.000213	0
543	Tren A6	LinDirHis	Min	0	0	-0.004767	-0.000005721	-0.000419	0
544	Tren A6	LinDirHis	Max	0	0	0.000047	0.000467	0.000189	0
544	Tren A6	LinDirHis	Min	0	0	-0.004243	-0.000005603	-0.00041	0
545	Tren A6	LinDirHis	Max	0	0	0.000039	0.000475	0.000173	0
545	Tren A6	LinDirHis	Min	0	0	-0.003737	-0.000006209	-0.000372	0
546	Tren A6	LinDirHis	Max	0	0	0.000036	0.000451	0.000118	0
546	Tren A6	LinDirHis	Min	0	0	-0.003304	-0.000005495	-0.000327	0
547	Tren A6	LinDirHis	Max	0	0	0.000033	0.00046	0.000104	0
547	Tren A6	LinDirHis	Min	0	0	-0.002706	-0.000005466	-0.000323	0
548	Tren A6	LinDirHis	Max	0	0	0.000024	0.000437	0.000099	0
548	Tren A6	LinDirHis	Min	0	0	-0.002251	-0.000006037	-0.000254	0
549	Tren A6	LinDirHis	Max	0	0	0.000024	0.000377	0.000031	0
549	Tren A6	LinDirHis	Min	0	0	-0.001882	-0.000004872	-0.000215	0
550	Tren A6	LinDirHis	Max	0	0	0.00002	0.000359	0.000048	0
550	Tren A6	LinDirHis	Min	0	0	-0.0013	-0.00000486	-0.000214	0
551	Tren A6	LinDirHis	Max	0	0	0.000011	0.000286	0.00006	0
551	Tren A6	LinDirHis	Min	0	0	-0.001073	-0.00000512	-0.00011	0
552	Tren A6	LinDirHis	Max	0	0	0.000025	0.000176	0.000002199	0
552	Tren A6	LinDirHis	Min	0	0	-0.000844	-0.000003426	-0.000125	0
553	Tren A6	LinDirHis	Max	0	0	0.000009531	0.000114	0.000005005	0
553	Tren A6	LinDirHis	Min	0	0	-0.0004	-0.000003662	-0.000103	0
556	Tren A6	LinDirHis	Max	0	0	9.997E-13	0.000017	0.000222	0
556	Tren A6	LinDirHis	Min	0	0	-0.000404	-0.000005501	-0.000001992	0
557	Tren A6	LinDirHis	Max	0	0	0.000024	0.000002971	0.000413	0

Apéndice K1				Flecha Dinámica Tren A6						V= 20 km/h
557	Tren A6	LinDirHis	Min	0	0	-0.004515	-0.00046	-0.000278	0	