

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 A8	LinDirHist	Max	0	0	5.238E-14	0.000034	0.000063	0
140	Tren A8	LinDirHist	Min	0	0	-0.000719	-0.000023	-2.434E-07	0
229	Tren A8	LinDirHist	Max	0	0	1.452E-13	2.274E-08	0.000029	0
229	Tren A8	LinDirHist	Min	0	0	-0.000594	-0.000142	-0.000084	0
230	Tren A8	LinDirHist	Max	0	0	3.562E-14	0.000000958	0.000038	0
230	Tren A8	LinDirHist	Min	0	0	-0.000653	-0.00007	-0.000085	0
231	Tren A8	LinDirHist	Max	0	0	1.904E-14	6.652E-15	0.000127	0
231	Tren A8	LinDirHist	Min	0	0	-0.000449	-0.00019	-0.000112	0
232	Tren A8	LinDirHist	Max	0	0	0.000022	8.874E-15	0.000167	0
232	Tren A8	LinDirHist	Min	0	0	-0.00085	-0.000211	-0.000053	0
233	Tren A8	LinDirHist	Max	0	0	0.000035	8.592E-15	0.00011	0
233	Tren A8	LinDirHist	Min	0	0	-0.001088	-0.000279	-0.000085	0
234	Tren A8	LinDirHist	Max	0	0	0.000011	0.000002621	0.00021	0
234	Tren A8	LinDirHist	Min	0	0	-0.001125	-0.000368	-0.000122	0
235	Tren A8	LinDirHist	Max	0	0	0.00001	0.000001763	0.000224	0
235	Tren A8	LinDirHist	Min	0	0	-0.001642	-0.000365	-0.000082	0
236	Tren A8	LinDirHist	Max	0	0	0.000024	6.507E-07	0.000213	0
236	Tren A8	LinDirHist	Min	0	0	-0.001951	-0.000416	-0.000133	0
237	Tren A8	LinDirHist	Max	0	0	0.000012	0.000002743	0.000294	0
237	Tren A8	LinDirHist	Min	0	0	-0.002204	-0.000466	-0.000161	0
238	Tren A8	LinDirHist	Max	0	0	0.00000888	0.000002194	0.000293	0
238	Tren A8	LinDirHist	Min	0	0	-0.002735	-0.00045	-0.000149	0
239	Tren A8	LinDirHist	Max	0	0	0.00002	0.000001434	0.000313	0
239	Tren A8	LinDirHist	Min	0	0	-0.003071	-0.000484	-0.000202	0
240	Tren A8	LinDirHist	Max	0	0	0.000017	0.000002955	0.000368	0
240	Tren A8	LinDirHist	Min	0	0	-0.003428	-0.0005	-0.000225	0
241	Tren A8	LinDirHist	Max	0	0	0.000016	0.000002621	0.00037	0
241	Tren A8	LinDirHist	Min	0	0	-0.003923	-0.000479	-0.000232	0
242	Tren A8	LinDirHist	Max	0	0	0.000024	0.000002165	0.000402	0
242	Tren A8	LinDirHist	Min	0	0	-0.004293	-0.00049	-0.000279	0
244	Tren A8	LinDirHist	Max	0	0	0.000027	0.000002849	0.00044	0
244	Tren A8	LinDirHist	Min	0	0	-0.005134	-0.000454	-0.000315	0
245	Tren A8	LinDirHist	Max	0	0	0.000033	0.000002585	0.00047	0
245	Tren A8	LinDirHist	Min	0	0	-0.005491	-0.000446	-0.000352	0
246	Tren A8	LinDirHist	Max	0	0	0.000036	0.000003144	0.000487	0
246	Tren A8	LinDirHist	Min	0	0	-0.005882	-0.000419	-0.000371	0
247	Tren A8	LinDirHist	Max	0	0	0.000039	0.000002836	0.000501	0
247	Tren A8	LinDirHist	Min	0	0	-0.006263	-0.000384	-0.000403	0
248	Tren A8	LinDirHist	Max	0	0	0.000045	0.00000251	0.000532	0
248	Tren A8	LinDirHist	Min	0	0	-0.006592	-0.00036	-0.00044	0
249	Tren A8	LinDirHist	Max	0	0	0.000051	0.000002741	0.000541	0
249	Tren A8	LinDirHist	Min	0	0	-0.006923	-0.000322	-0.000463	0
250	Tren A8	LinDirHist	Max	0	0	0.000059	0.000002546	0.000548	0
250	Tren A8	LinDirHist	Min	0	0	-0.007213	-0.000283	-0.000486	0
251	Tren A8	LinDirHist	Max	0	0	0.00007	0.00000245	0.000559	0
251	Tren A8	LinDirHist	Min	0	0	-0.007444	-0.000248	-0.000512	0
252	Tren A8	LinDirHist	Max	0	0	0.000077	0.000002699	0.00056	0

252	Tren A8	LinDirHist	Min	0	0	-0.00765	-0.000203	-0.000529	0
253	Tren A8	LinDirHist	Max	0	0	0.000083	0.000007473	0.00056	0
253	Tren A8	LinDirHist	Min	0	0	-0.007807	-0.000162	-0.000546	0
254	Tren A8	LinDirHist	Max	0	0	0.000089	0.000018	0.000559	0
254	Tren A8	LinDirHist	Min	0	0	-0.00791	-0.000126	-0.000564	0
255	Tren A8	LinDirHist	Max	0	0	0.000092	0.000044	0.00055	0
255	Tren A8	LinDirHist	Min	0	0	-0.007972	-0.000091	-0.000575	0
256	Tren A8	LinDirHist	Max	0	0	0.000096	0.00008	0.000542	0
256	Tren A8	LinDirHist	Min	0	0	-0.00798	-0.000058	-0.000585	0
257	Tren A8	LinDirHist	Max	0	0	0.000098	0.00012	0.000529	0
257	Tren A8	LinDirHist	Min	0	0	-0.007932	-0.00003	-0.000594	0
258	Tren A8	LinDirHist	Max	0	0	0.000098	0.000161	0.00051	0
258	Tren A8	LinDirHist	Min	0	0	-0.007838	-0.000018	-0.000595	0
259	Tren A8	LinDirHist	Max	0	0	0.000099	0.000205	0.000493	0
259	Tren A8	LinDirHist	Min	0	0	-0.007682	-0.000012	-0.000596	0
260	Tren A8	LinDirHist	Max	0	0	0.000097	0.000246	0.000469	0
260	Tren A8	LinDirHist	Min	0	0	-0.00747	-0.000008297	-0.000593	0
261	Tren A8	LinDirHist	Max	0	0	0.000094	0.000286	0.000439	0
261	Tren A8	LinDirHist	Min	0	0	-0.007205	-0.000006774	-0.000583	0
262	Tren A8	LinDirHist	Max	0	0	0.000091	0.000329	0.000413	0
262	Tren A8	LinDirHist	Min	0	0	-0.006865	-0.000006634	-0.000576	0
263	Tren A8	LinDirHist	Max	0	0	0.000085	0.000364	0.000375	0
263	Tren A8	LinDirHist	Min	0	0	-0.0065	-0.000006549	-0.000551	0
264	Tren A8	LinDirHist	Max	0	0	0.000079	0.000396	0.000334	0
264	Tren A8	LinDirHist	Min	0	0	-0.006095	-0.000006275	-0.000523	0
265	Tren A8	LinDirHist	Max	0	0	0.00007	0.000434	0.000315	0
265	Tren A8	LinDirHist	Min	0	0	-0.005611	-0.000006468	-0.000511	0
266	Tren A8	LinDirHist	Max	0	0	0.000058	0.000448	0.000279	0
266	Tren A8	LinDirHist	Min	0	0	-0.005165	-0.000006158	-0.000477	0
267	Tren A8	LinDirHist	Max	0	0	0.000052	0.000461	0.000236	0
267	Tren A8	LinDirHist	Min	0	0	-0.004688	-0.000005454	-0.000453	0
268	Tren A8	LinDirHist	Max	0	0	0.000046	0.000489	0.000223	0
268	Tren A8	LinDirHist	Min	0	0	-0.004109	-0.000006043	-0.000435	0
269	Tren A8	LinDirHist	Max	0	0	0.000038	0.000473	0.00018	0
269	Tren A8	LinDirHist	Min	0	0	-0.003651	-0.000006009	-0.000377	0
270	Tren A8	LinDirHist	Max	0	0	0.000037	0.000463	0.000132	0
270	Tren A8	LinDirHist	Min	0	0	-0.003117	-0.000005297	-0.000357	0
271	Tren A8	LinDirHist	Max	0	0	0.00003	0.000471	0.000137	0
271	Tren A8	LinDirHist	Min	0	0	-0.002502	-0.000006071	-0.000328	0
272	Tren A8	LinDirHist	Max	0	0	0.000024	0.000409	0.000084	0
272	Tren A8	LinDirHist	Min	0	0	-0.002148	-0.000005565	-0.000249	0
273	Tren A8	LinDirHist	Max	0	0	0.000026	0.000373	0.000051	0
273	Tren A8	LinDirHist	Min	0	0	-0.001625	-0.000004564	-0.000249	0
274	Tren A8	LinDirHist	Max	0	0	0.000014	0.000343	0.000089	0
274	Tren A8	LinDirHist	Min	0	0	-0.001116	-0.000005404	-0.000201	0
275	Tren A8	LinDirHist	Max	0	0	0.000021	0.000221	0.000027	0
275	Tren A8	LinDirHist	Min	0	0	-0.001009	-0.000004286	-0.000123	0
276	Tren A8	LinDirHist	Max	0	0	0.00002	0.000149	0.000006558	0
276	Tren A8	LinDirHist	Min	0	0	-0.000571	-0.000003197	-0.000165	0
277	Tren A8	LinDirHist	Max	0	0	0.000043	0.000068	0.00002	0

277	Tren A8	LinDirHist	Min	0	0	-0.00021	-0.000003872	-0.000035	0
278	Tren A8	LinDirHist	Max	0	0	0.000009794	0.00008	0.000003866	0
278	Tren A8	LinDirHist	Min	0	0	-0.000217	-0.000003998	-0.000115	0
279	Tren A8	LinDirHist	Max	0	0	2.717E-14	0.000012	0.000202	0
279	Tren A8	LinDirHist	Min	0	0	-0.000364	-0.000006082	-0.00000165	0
280	Tren A8	LinDirHist	Max	0	0	1.382E-07	1.824E-14	0.000153	0
280	Tren A8	LinDirHist	Min	0	0	-0.000669	-0.000203	-0.000036	0
283	Tren A8	LinDirHist	Max	0	0	0.000036	1.567E-14	0.000102	0
283	Tren A8	LinDirHist	Min	0	0	-0.001079	-0.000238	-0.000021	0
347	Tren A8	LinDirHist	Max	0	0	0.000024	0.000001146	0.000126	0
347	Tren A8	LinDirHist	Min	0	0	-0.00111	-0.000339	-0.000098	0
378	Tren A8	LinDirHist	Max	0	0	0.000003137	0.000002548	0.000225	0
378	Tren A8	LinDirHist	Min	0	0	-0.001408	-0.000374	-0.000065	0
379	Tren A8	LinDirHist	Max	0	0	0.000022	0.000001046	0.000185	0
379	Tren A8	LinDirHist	Min	0	0	-0.001877	-0.000392	-0.000074	0
380	Tren A8	LinDirHist	Max	0	0	0.000019	0.000001666	0.000238	0
380	Tren A8	LinDirHist	Min	0	0	-0.002075	-0.000459	-0.00014	0
381	Tren A8	LinDirHist	Max	0	0	0.000007469	0.000002875	0.000294	0
381	Tren A8	LinDirHist	Min	0	0	-0.002501	-0.000469	-0.000124	0
383	Tren A8	LinDirHist	Max	0	0	0.000016	0.000001638	0.000275	0
383	Tren A8	LinDirHist	Min	0	0	-0.002958	-0.000475	-0.000154	0
388	Tren A8	LinDirHist	Max	0	0	0.00002	0.000002318	0.000332	0
388	Tren A8	LinDirHist	Min	0	0	-0.00325	-0.00051	-0.000203	0
389	Tren A8	LinDirHist	Max	0	0	0.000015	0.000003149	0.000357	0
389	Tren A8	LinDirHist	Min	0	0	-0.003709	-0.000497	-0.000202	0
390	Tren A8	LinDirHist	Max	0	0	0.00002	0.000002247	0.000366	0
390	Tren A8	LinDirHist	Min	0	0	-0.004146	-0.000493	-0.000233	0
391	Tren A8	LinDirHist	Max	0	0	0.000026	0.000002815	0.000409	0
391	Tren A8	LinDirHist	Min	0	0	-0.004508	-0.000502	-0.000271	0
392	Tren A8	LinDirHist	Max	0	0	0.000025	0.000003283	0.00042	0
392	Tren A8	LinDirHist	Min	0	0	-0.004953	-0.000475	-0.000282	0
393	Tren A8	LinDirHist	Max	0	0	0.00003	0.000002646	0.00044	0
393	Tren A8	LinDirHist	Min	0	0	-0.005341	-0.000461	-0.000312	0
394	Tren A8	LinDirHist	Max	0	0	0.000035	0.000003066	0.000468	0
394	Tren A8	LinDirHist	Min	0	0	-0.005705	-0.000449	-0.000342	0
448	Tren A8	LinDirHist	Max	0	0	0.000037	0.000003226	0.000474	0
448	Tren A8	LinDirHist	Min	0	0	-0.006108	-0.000412	-0.000359	0
449	Tren A8	LinDirHist	Max	0	0	0.000042	0.000002681	0.000501	0
449	Tren A8	LinDirHist	Min	0	0	-0.006455	-0.000385	-0.000402	0
450	Tren A8	LinDirHist	Max	0	0	0.000048	0.000002732	0.000519	0
450	Tren A8	LinDirHist	Min	0	0	-0.006783	-0.000348	-0.000431	0
451	Tren A8	LinDirHist	Max	0	0	0.000054	0.000002764	0.000524	0
451	Tren A8	LinDirHist	Min	0	0	-0.007102	-0.000306	-0.000449	0
452	Tren A8	LinDirHist	Max	0	0	0.000065	0.000002499	0.000536	0
452	Tren A8	LinDirHist	Min	0	0	-0.007358	-0.000269	-0.000475	0
455	Tren A8	LinDirHist	Max	0	0	0.000074	0.000002556	0.00054	0
455	Tren A8	LinDirHist	Min	0	0	-0.007576	-0.000229	-0.000496	0
516	Tren A8	LinDirHist	Max	0	0	0.00008	0.000004983	0.00054	0
516	Tren A8	LinDirHist	Min	0	0	-0.007762	-0.000183	-0.000511	0
517	Tren A8	LinDirHist	Max	0	0	0.000087	0.000013	0.000541	0

517	Tren A8	LinDirHist	Min	0	0	-0.007889	-0.000145	-0.000531	0
518	Tren A8	LinDirHist	Max	0	0	0.000091	0.000028	0.000534	0
518	Tren A8	LinDirHist	Min	0	0	-0.007973	-0.000109	-0.000545	0
519	Tren A8	LinDirHist	Max	0	0	0.000094	0.000063	0.000525	0
519	Tren A8	LinDirHist	Min	0	0	-0.008011	-0.000074	-0.000553	0
527	Tren A8	LinDirHist	Max	0	0	0.000097	0.000101	0.000516	0
527	Tren A8	LinDirHist	Min	0	0	-0.007988	-0.000042	-0.000564	0
528	Tren A8	LinDirHist	Max	0	0	0.000098	0.000142	0.000499	0
528	Tren A8	LinDirHist	Min	0	0	-0.007918	-0.000024	-0.000569	0
529	Tren A8	LinDirHist	Max	0	0	0.000099	0.000185	0.000482	0
529	Tren A8	LinDirHist	Min	0	0	-0.007796	-0.000015	-0.000569	0
531	Tren A8	LinDirHist	Max	0	0	0.000098	0.00023	0.000462	0
531	Tren A8	LinDirHist	Min	0	0	-0.007608	-0.00001	-0.00057	0
532	Tren A8	LinDirHist	Max	0	0	0.000095	0.000269	0.000433	0
532	Tren A8	LinDirHist	Min	0	0	-0.007374	-0.000007827	-0.000563	0
533	Tren A8	LinDirHist	Max	0	0	0.000093	0.000312	0.000409	0
533	Tren A8	LinDirHist	Min	0	0	-0.007069	-0.000007088	-0.000555	0
539	Tren A8	LinDirHist	Max	0	0	0.000088	0.000355	0.000379	0
539	Tren A8	LinDirHist	Min	0	0	-0.006707	-0.000007123	-0.000542	0
540	Tren A8	LinDirHist	Max	0	0	0.000082	0.000387	0.000332	0
540	Tren A8	LinDirHist	Min	0	0	-0.006334	-0.000006654	-0.000509	0
541	Tren A8	LinDirHist	Max	0	0	0.000075	0.000427	0.000307	0
541	Tren A8	LinDirHist	Min	0	0	-0.00588	-0.000006695	-0.000495	0
542	Tren A8	LinDirHist	Max	0	0	0.000064	0.000455	0.000283	0
542	Tren A8	LinDirHist	Min	0	0	-0.005404	-0.000006848	-0.000477	0
543	Tren A8	LinDirHist	Max	0	0	0.000055	0.000462	0.000237	0
543	Tren A8	LinDirHist	Min	0	0	-0.004967	-0.000006042	-0.000439	0
544	Tren A8	LinDirHist	Max	0	0	0.00005	0.000487	0.00021	0
544	Tren A8	LinDirHist	Min	0	0	-0.004421	-0.000005916	-0.000428	0
545	Tren A8	LinDirHist	Max	0	0	0.000042	0.000496	0.000191	0
545	Tren A8	LinDirHist	Min	0	0	-0.003891	-0.000006557	-0.000387	0
546	Tren A8	LinDirHist	Max	0	0	0.000038	0.000472	0.000133	0
546	Tren A8	LinDirHist	Min	0	0	-0.003437	-0.000005803	-0.000339	0
547	Tren A8	LinDirHist	Max	0	0	0.000035	0.00048	0.000117	0
547	Tren A8	LinDirHist	Min	0	0	-0.002816	-0.000005772	-0.000333	0
548	Tren A8	LinDirHist	Max	0	0	0.000025	0.000456	0.000108	0
548	Tren A8	LinDirHist	Min	0	0	-0.002337	-0.000006375	-0.000261	0
549	Tren A8	LinDirHist	Max	0	0	0.000026	0.000394	0.000038	0
549	Tren A8	LinDirHist	Min	0	0	-0.001951	-0.000005146	-0.00022	0
550	Tren A8	LinDirHist	Max	0	0	0.000021	0.000375	0.000053	0
550	Tren A8	LinDirHist	Min	0	0	-0.00135	-0.000005132	-0.000219	0
551	Tren A8	LinDirHist	Max	0	0	0.000011	0.000298	0.000063	0
551	Tren A8	LinDirHist	Min	0	0	-0.001104	-0.000005408	-0.000112	0
552	Tren A8	LinDirHist	Max	0	0	0.000026	0.000183	0.00000232	0
552	Tren A8	LinDirHist	Min	0	0	-0.000866	-0.00000362	-0.00013	0
553	Tren A8	LinDirHist	Max	0	0	0.00001	0.000119	0.000005285	0
553	Tren A8	LinDirHist	Min	0	0	-0.000404	-0.000003868	-0.000105	0
556	Tren A8	LinDirHist	Max	0	0	1.459E-14	0.000017	0.000223	0
556	Tren A8	LinDirHist	Min	0	0	-0.000419	-0.000005497	-0.000002156	0
557	Tren A8	LinDirHist	Max	0	0	0.000025	0.000003135	0.000435	0

Apéndice W1				Flecha Dinámica Tren A8						V= 20 km/h
557	Tren A8	LinDirHist	Min	0	0	-0.004699	-0.000479	-0.000298	0	