

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 A10	LinDirHist	Max	0	0	2.547E-12	0.000042	0.000073	0
140	Tren A10	LinDirHist	Min	0	0	-0.000819	-0.000026	-0.000000269	0
229	Tren A10	LinDirHist	Max	0	0	1.298E-12	2.513E-08	0.000034	0
229	Tren A10	LinDirHist	Min	0	0	-0.000684	-0.000161	-0.000095	0
230	Tren A10	LinDirHist	Max	0	0	2.256E-12	0.000001059	0.000044	0
230	Tren A10	LinDirHist	Min	0	0	-0.00074	-0.000079	-0.000105	0
231	Tren A10	LinDirHist	Max	0	0	1.841E-13	1.405E-13	0.000144	0
231	Tren A10	LinDirHist	Min	0	0	-0.000506	-0.000214	-0.000138	0
232	Tren A10	LinDirHist	Max	0	0	0.000024	2.607E-14	0.000191	0
232	Tren A10	LinDirHist	Min	0	0	-0.000963	-0.000238	-0.000071	0
233	Tren A10	LinDirHist	Max	0	0	0.000039	1.361E-14	0.000123	0
233	Tren A10	LinDirHist	Min	0	0	-0.001232	-0.000313	-0.000109	0
234	Tren A10	LinDirHist	Max	0	0	0.000012	0.000002896	0.000234	0
234	Tren A10	LinDirHist	Min	0	0	-0.001267	-0.000414	-0.000154	0
235	Tren A10	LinDirHist	Max	0	0	0.000012	0.000001949	0.000253	0
235	Tren A10	LinDirHist	Min	0	0	-0.001852	-0.00041	-0.000109	0
236	Tren A10	LinDirHist	Max	0	0	0.000027	7.192E-07	0.00024	0
236	Tren A10	LinDirHist	Min	0	0	-0.002199	-0.000468	-0.00017	0
237	Tren A10	LinDirHist	Max	0	0	0.000014	0.000003031	0.00033	0
237	Tren A10	LinDirHist	Min	0	0	-0.002481	-0.000524	-0.000204	0
238	Tren A10	LinDirHist	Max	0	0	0.000009815	0.000002425	0.000332	0
238	Tren A10	LinDirHist	Min	0	0	-0.00308	-0.000506	-0.000191	0
239	Tren A10	LinDirHist	Max	0	0	0.000022	0.000001585	0.000354	0
239	Tren A10	LinDirHist	Min	0	0	-0.003455	-0.000543	-0.000255	0
240	Tren A10	LinDirHist	Max	0	0	0.000019	0.000003267	0.000418	0
240	Tren A10	LinDirHist	Min	0	0	-0.003856	-0.000561	-0.000283	0
241	Tren A10	LinDirHist	Max	0	0	0.000017	0.000002897	0.000421	0
241	Tren A10	LinDirHist	Min	0	0	-0.004413	-0.000538	-0.000293	0
242	Tren A10	LinDirHist	Max	0	0	0.000027	0.000002391	0.000459	0
242	Tren A10	LinDirHist	Min	0	0	-0.004825	-0.00055	-0.000348	0
244	Tren A10	LinDirHist	Max	0	0	0.000029	0.000003149	0.000505	0
244	Tren A10	LinDirHist	Min	0	0	-0.005768	-0.00051	-0.000394	0
245	Tren A10	LinDirHist	Max	0	0	0.000037	0.000002855	0.000541	0
245	Tren A10	LinDirHist	Min	0	0	-0.006167	-0.000501	-0.000438	0
246	Tren A10	LinDirHist	Max	0	0	0.00004	0.000003475	0.000562	0
246	Tren A10	LinDirHist	Min	0	0	-0.006607	-0.000471	-0.00046	0
247	Tren A10	LinDirHist	Max	0	0	0.000043	0.000003133	0.00058	0
247	Tren A10	LinDirHist	Min	0	0	-0.007032	-0.000432	-0.000498	0
248	Tren A10	LinDirHist	Max	0	0	0.00005	0.000002773	0.000617	0
248	Tren A10	LinDirHist	Min	0	0	-0.007401	-0.000404	-0.000542	0
249	Tren A10	LinDirHist	Max	0	0	0.000056	0.000003029	0.000629	0
249	Tren A10	LinDirHist	Min	0	0	-0.007773	-0.000361	-0.000569	0
250	Tren A10	LinDirHist	Max	0	0	0.000065	0.000002812	0.000639	0
250	Tren A10	LinDirHist	Min	0	0	-0.008098	-0.000318	-0.000597	0
251	Tren A10	LinDirHist	Max	0	0	0.000077	0.000002707	0.000652	0
251	Tren A10	LinDirHist	Min	0	0	-0.008358	-0.000279	-0.000627	0
252	Tren A10	LinDirHist	Max	0	0	0.000085	0.000002982	0.000656	0

252	Tren A10	LinDirHist	Min	0	0	-0.00859	-0.000229	-0.000646	0
253	Tren A10	LinDirHist	Max	0	0	0.000092	0.000008265	0.000658	0
253	Tren A10	LinDirHist	Min	0	0	-0.008766	-0.000183	-0.000667	0
254	Tren A10	LinDirHist	Max	0	0	0.000098	0.000022	0.000657	0
254	Tren A10	LinDirHist	Min	0	0	-0.008882	-0.000145	-0.000687	0
255	Tren A10	LinDirHist	Max	0	0	0.000101	0.000056	0.000648	0
255	Tren A10	LinDirHist	Min	0	0	-0.008953	-0.000107	-0.000698	0
256	Tren A10	LinDirHist	Max	0	0	0.000106	0.000094	0.00064	0
256	Tren A10	LinDirHist	Min	0	0	-0.008963	-0.000073	-0.000708	0
257	Tren A10	LinDirHist	Max	0	0	0.000108	0.000137	0.000626	0
257	Tren A10	LinDirHist	Min	0	0	-0.00891	-0.00004	-0.000716	0
258	Tren A10	LinDirHist	Max	0	0	0.000108	0.000183	0.000606	0
258	Tren A10	LinDirHist	Min	0	0	-0.008805	-0.00002	-0.000716	0
259	Tren A10	LinDirHist	Max	0	0	0.000109	0.000232	0.000585	0
259	Tren A10	LinDirHist	Min	0	0	-0.008631	-0.000013	-0.000716	0
260	Tren A10	LinDirHist	Max	0	0	0.000107	0.000278	0.000558	0
260	Tren A10	LinDirHist	Min	0	0	-0.008393	-0.000009164	-0.00071	0
261	Tren A10	LinDirHist	Max	0	0	0.000104	0.000322	0.000524	0
261	Tren A10	LinDirHist	Min	0	0	-0.008096	-0.000007482	-0.000698	0
262	Tren A10	LinDirHist	Max	0	0	0.0001	0.000371	0.000494	0
262	Tren A10	LinDirHist	Min	0	0	-0.007714	-0.000007328	-0.000687	0
263	Tren A10	LinDirHist	Max	0	0	0.000094	0.000409	0.000449	0
263	Tren A10	LinDirHist	Min	0	0	-0.007303	-0.000007234	-0.000655	0
264	Tren A10	LinDirHist	Max	0	0	0.000087	0.000445	0.000401	0
264	Tren A10	LinDirHist	Min	0	0	-0.00685	-0.00000693	-0.000621	0
265	Tren A10	LinDirHist	Max	0	0	0.000077	0.000487	0.000378	0
265	Tren A10	LinDirHist	Min	0	0	-0.006306	-0.000007144	-0.000605	0
266	Tren A10	LinDirHist	Max	0	0	0.000065	0.000503	0.000336	0
266	Tren A10	LinDirHist	Min	0	0	-0.005806	-0.000006801	-0.000564	0
267	Tren A10	LinDirHist	Max	0	0	0.000057	0.000518	0.000285	0
267	Tren A10	LinDirHist	Min	0	0	-0.005272	-0.000006023	-0.000533	0
268	Tren A10	LinDirHist	Max	0	0	0.000051	0.000549	0.000268	0
268	Tren A10	LinDirHist	Min	0	0	-0.004621	-0.000006674	-0.000511	0
269	Tren A10	LinDirHist	Max	0	0	0.000042	0.000531	0.000217	0
269	Tren A10	LinDirHist	Min	0	0	-0.00411	-0.000006635	-0.000443	0
270	Tren A10	LinDirHist	Max	0	0	0.000041	0.00052	0.000161	0
270	Tren A10	LinDirHist	Min	0	0	-0.003512	-0.00000585	-0.000418	0
271	Tren A10	LinDirHist	Max	0	0	0.000033	0.000529	0.000164	0
271	Tren A10	LinDirHist	Min	0	0	-0.002818	-0.000006705	-0.000383	0
272	Tren A10	LinDirHist	Max	0	0	0.000026	0.00046	0.000101	0
272	Tren A10	LinDirHist	Min	0	0	-0.002424	-0.000006146	-0.000291	0
273	Tren A10	LinDirHist	Max	0	0	0.000029	0.000419	0.000064	0
273	Tren A10	LinDirHist	Min	0	0	-0.001835	-0.00000504	-0.000291	0
274	Tren A10	LinDirHist	Max	0	0	0.000016	0.000386	0.000104	0
274	Tren A10	LinDirHist	Min	0	0	-0.00126	-0.000005968	-0.000237	0
275	Tren A10	LinDirHist	Max	0	0	0.000023	0.000248	0.000033	0
275	Tren A10	LinDirHist	Min	0	0	-0.001145	-0.000004733	-0.000146	0
276	Tren A10	LinDirHist	Max	0	0	0.000022	0.000168	0.000007958	0
276	Tren A10	LinDirHist	Min	0	0	-0.000646	-0.00000353	-0.000195	0
277	Tren A10	LinDirHist	Max	0	0	0.000053	0.000077	0.000021	0

277	Tren A10	LinDirHist	Min	0	0	-0.00024	-0.000004275	-0.000041	0
278	Tren A10	LinDirHist	Max	0	0	0.000011	0.000091	0.00000427	0
278	Tren A10	LinDirHist	Min	0	0	-0.000252	-0.000004415	-0.000141	0
279	Tren A10	LinDirHist	Max	0	0	3.01E-12	0.000014	0.000234	0
279	Tren A10	LinDirHist	Min	0	0	-0.000406	-0.000007175	-0.000001824	0
280	Tren A10	LinDirHist	Max	0	0	1.527E-07	3.808E-14	0.000174	0
280	Tren A10	LinDirHist	Min	0	0	-0.000758	-0.000227	-0.000047	0
283	Tren A10	LinDirHist	Max	0	0	0.00004	2.526E-14	0.000115	0
283	Tren A10	LinDirHist	Min	0	0	-0.001228	-0.000267	-0.000027	0
347	Tren A10	LinDirHist	Max	0	0	0.000027	0.000001266	0.000138	0
347	Tren A10	LinDirHist	Min	0	0	-0.00126	-0.00038	-0.000121	0
378	Tren A10	LinDirHist	Max	0	0	0.000003468	0.000002816	0.000253	0
378	Tren A10	LinDirHist	Min	0	0	-0.00159	-0.000419	-0.000086	0
379	Tren A10	LinDirHist	Max	0	0	0.000024	0.000001156	0.000209	0
379	Tren A10	LinDirHist	Min	0	0	-0.00212	-0.00044	-0.000099	0
380	Tren A10	LinDirHist	Max	0	0	0.000021	0.000001842	0.000267	0
380	Tren A10	LinDirHist	Min	0	0	-0.002341	-0.000515	-0.000176	0
381	Tren A10	LinDirHist	Max	0	0	0.000008256	0.000003178	0.000332	0
381	Tren A10	LinDirHist	Min	0	0	-0.00282	-0.000526	-0.000161	0
383	Tren A10	LinDirHist	Max	0	0	0.000018	0.000001811	0.000312	0
383	Tren A10	LinDirHist	Min	0	0	-0.003333	-0.000533	-0.000196	0
388	Tren A10	LinDirHist	Max	0	0	0.000022	0.000002562	0.000375	0
388	Tren A10	LinDirHist	Min	0	0	-0.003659	-0.000572	-0.000255	0
389	Tren A10	LinDirHist	Max	0	0	0.000016	0.000003481	0.000407	0
389	Tren A10	LinDirHist	Min	0	0	-0.004177	-0.000558	-0.000256	0
390	Tren A10	LinDirHist	Max	0	0	0.000022	0.000002483	0.000418	0
390	Tren A10	LinDirHist	Min	0	0	-0.004665	-0.000553	-0.000293	0
391	Tren A10	LinDirHist	Max	0	0	0.000028	0.000003111	0.000468	0
391	Tren A10	LinDirHist	Min	0	0	-0.005071	-0.000563	-0.000339	0
392	Tren A10	LinDirHist	Max	0	0	0.000027	0.000003628	0.000482	0
392	Tren A10	LinDirHist	Min	0	0	-0.00557	-0.000534	-0.000353	0
393	Tren A10	LinDirHist	Max	0	0	0.000033	0.000002923	0.000507	0
393	Tren A10	LinDirHist	Min	0	0	-0.006002	-0.000517	-0.000389	0
394	Tren A10	LinDirHist	Max	0	0	0.000039	0.000003387	0.000539	0
394	Tren A10	LinDirHist	Min	0	0	-0.00641	-0.000504	-0.000425	0
448	Tren A10	LinDirHist	Max	0	0	0.000041	0.000003565	0.000549	0
448	Tren A10	LinDirHist	Min	0	0	-0.006863	-0.000463	-0.000446	0
449	Tren A10	LinDirHist	Max	0	0	0.000046	0.000002962	0.000581	0
449	Tren A10	LinDirHist	Min	0	0	-0.00725	-0.000432	-0.000497	0
450	Tren A10	LinDirHist	Max	0	0	0.000053	0.000003018	0.000604	0
450	Tren A10	LinDirHist	Min	0	0	-0.007619	-0.00039	-0.00053	0
451	Tren A10	LinDirHist	Max	0	0	0.00006	0.000003054	0.000612	0
451	Tren A10	LinDirHist	Min	0	0	-0.007977	-0.000343	-0.000552	0
452	Tren A10	LinDirHist	Max	0	0	0.000072	0.00000276	0.000626	0
452	Tren A10	LinDirHist	Min	0	0	-0.008265	-0.000302	-0.000582	0
455	Tren A10	LinDirHist	Max	0	0	0.000082	0.000002824	0.000633	0
455	Tren A10	LinDirHist	Min	0	0	-0.00851	-0.000257	-0.000606	0
516	Tren A10	LinDirHist	Max	0	0	0.000088	0.000005507	0.000634	0
516	Tren A10	LinDirHist	Min	0	0	-0.008719	-0.000206	-0.000624	0
517	Tren A10	LinDirHist	Max	0	0	0.000096	0.000014	0.000637	0

517	Tren A10	LinDirHist	Min	0	0	-0.008862	-0.000166	-0.000645	0
518	Tren A10	LinDirHist	Max	0	0	0.0001	0.000039	0.00063	0
518	Tren A10	LinDirHist	Min	0	0	-0.008956	-0.000127	-0.000661	0
519	Tren A10	LinDirHist	Max	0	0	0.000104	0.000076	0.000622	0
519	Tren A10	LinDirHist	Min	0	0	-0.008999	-0.00009	-0.00067	0
527	Tren A10	LinDirHist	Max	0	0	0.000107	0.000117	0.000612	0
527	Tren A10	LinDirHist	Min	0	0	-0.008974	-0.000056	-0.000682	0
528	Tren A10	LinDirHist	Max	0	0	0.000108	0.000162	0.000593	0
528	Tren A10	LinDirHist	Min	0	0	-0.008897	-0.000027	-0.000686	0
529	Tren A10	LinDirHist	Max	0	0	0.000109	0.00021	0.000574	0
529	Tren A10	LinDirHist	Min	0	0	-0.008759	-0.000017	-0.000684	0
531	Tren A10	LinDirHist	Max	0	0	0.000109	0.000259	0.000551	0
531	Tren A10	LinDirHist	Min	0	0	-0.008549	-0.000011	-0.000684	0
532	Tren A10	LinDirHist	Max	0	0	0.000105	0.000303	0.000518	0
532	Tren A10	LinDirHist	Min	0	0	-0.008287	-0.000008645	-0.000673	0
533	Tren A10	LinDirHist	Max	0	0	0.000103	0.000352	0.00049	0
533	Tren A10	LinDirHist	Min	0	0	-0.007945	-0.000007829	-0.000662	0
539	Tren A10	LinDirHist	Max	0	0	0.000097	0.0004	0.000454	0
539	Tren A10	LinDirHist	Min	0	0	-0.007539	-0.000007868	-0.000644	0
540	Tren A10	LinDirHist	Max	0	0	0.00009	0.000435	0.0004	0
540	Tren A10	LinDirHist	Min	0	0	-0.00712	-0.000007349	-0.000603	0
541	Tren A10	LinDirHist	Max	0	0	0.000083	0.000479	0.00037	0
541	Tren A10	LinDirHist	Min	0	0	-0.00661	-0.000007394	-0.000586	0
542	Tren A10	LinDirHist	Max	0	0	0.000071	0.000511	0.000342	0
542	Tren A10	LinDirHist	Min	0	0	-0.006075	-0.000007563	-0.000562	0
543	Tren A10	LinDirHist	Max	0	0	0.00006	0.000519	0.000288	0
543	Tren A10	LinDirHist	Min	0	0	-0.005586	-0.000006673	-0.000517	0
544	Tren A10	LinDirHist	Max	0	0	0.000055	0.000547	0.000256	0
544	Tren A10	LinDirHist	Min	0	0	-0.004973	-0.000006535	-0.000502	0
545	Tren A10	LinDirHist	Max	0	0	0.000046	0.000557	0.000231	0
545	Tren A10	LinDirHist	Min	0	0	-0.004379	-0.000007241	-0.000452	0
546	Tren A10	LinDirHist	Max	0	0	0.000042	0.000529	0.000163	0
546	Tren A10	LinDirHist	Min	0	0	-0.003872	-0.000006409	-0.000396	0
547	Tren A10	LinDirHist	Max	0	0	0.000039	0.000539	0.000143	0
547	Tren A10	LinDirHist	Min	0	0	-0.003173	-0.000006375	-0.000388	0
548	Tren A10	LinDirHist	Max	0	0	0.000028	0.000513	0.000131	0
548	Tren A10	LinDirHist	Min	0	0	-0.002638	-0.000007041	-0.000303	0
549	Tren A10	LinDirHist	Max	0	0	0.000029	0.000442	0.00005	0
549	Tren A10	LinDirHist	Min	0	0	-0.002205	-0.000005683	-0.000255	0
550	Tren A10	LinDirHist	Max	0	0	0.000024	0.000422	0.000066	0
550	Tren A10	LinDirHist	Min	0	0	-0.001526	-0.000005669	-0.000254	0
551	Tren A10	LinDirHist	Max	0	0	0.000012	0.000336	0.000074	0
551	Tren A10	LinDirHist	Min	0	0	-0.001256	-0.000005972	-0.000132	0
552	Tren A10	LinDirHist	Max	0	0	0.000029	0.000207	0.000002565	0
552	Tren A10	LinDirHist	Min	0	0	-0.000987	-0.000003996	-0.000146	0
553	Tren A10	LinDirHist	Max	0	0	0.000011	0.000135	0.000005839	0
553	Tren A10	LinDirHist	Min	0	0	-0.000471	-0.000004271	-0.00012	0
556	Tren A10	LinDirHist	Max	0	0	2.863E-12	0.00002	0.000259	0
556	Tren A10	LinDirHist	Min	0	0	-0.000472	-0.000006415	-0.000002383	0
557	Tren A10	LinDirHist	Max	0	0	0.000028	0.000003466	0.000497	0

Apéndice I2				Flecha Dinámica Tren A10						V= 20 km/h
557	Tren A10	LinDirHist	Min	0	0	-0.005282	-0.000538	-0.000373	0	