

BIBLIOGRAPHY ON HEAVY VEHICLE DYNAMICS

Compiled by:

Ann Grimm
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Entries in this bibliography are arranged alphabetically.

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1	4	7	8	9	18	20	23	25	45	48	52	53
60	62	69	77	87	92	94	99	107	111	113	140	141
162	168	170	176	177	199	210	230	231	233	238	241	247
254	256	261	282	290	291	292	293	312	329	336	387	388
394	395	396	399	418	419	421	422	424	434	438	439	442
443	449	451	452	453	454	455	456	457	458	469	470	493
500	516	522	526	527	528	530	531	546	551	552	562	575
579	583	584	597	599	601	602	603	608	612	629	651	652
664	673	674	682	692	693	694	701	702	710	711	719	731
753	756	763	774	780	786	799	801	818	830	839	842	843
844	845	850	852	853	860	861	872	879	881	888	908	909
918	919	921	922	934	935	936	937	938	941	942	943	944
966	967	968	971	972	973	974	980	983	990	1002	1033	1055
1078	1080	1083	1095	1103	1104	1105	1107	1129	1134	1135	1145	1157
1160	1171	1211	1212	1215	1221	1233	1235	1257	1258	1262	1270	1271
1274	1292	1293										

Engines and Drive Trains

30	78	255	312	330	500	531	657	691	908	909	932	1079
1086	1130	1149										

Frames, Hitches, Configurations, Loading, Other

1	8	10	15	17	21	32	33	38	42	54	55	61
71	76	112	131	137	142	148	193	212	213	234	240	242
244	248	249	262	276	294	299	306	309	310	312	332	334
335	340	346	347	349	353	355	356	357	358	369	370	371
383	386	390	393	394	403	406	407	408	410	411	412	413
433	466	486	489	492	497	499	500	508	533	541	550	563
566	578	588	589	590	595	604	610	623	631	632	672	689
690	736	744	745	749	769	774	777	778	783	785	806	832
836	859	862	864	866	870	877	890	903	910	912	914	915
945	946	948	949	950	951	952	954	955	956	958	959	976
984	1003	1004	1005	1009	1010	1025	1053	1054	1059	1060	1062	1063
1067	1068	1082	1087	1089	1090	1092	1108	1113	1114	1116	1117	1119
1120	1122	1143	1156	1172	1173	1197	1198	1205	1207	1208	1213	1214
1220	1224	1228	1230	1232	1235	1241	1243	1249	1251	1252	1253	1254
1255	1256	1260	1261	1263	1266	1272	1280	1281	1286	1287	1307	1308

Parameter Measurement

126	165	265	376	420	432	455	500	705	707	708	715	739
747	756	803	960	1074	1236	1242	1248	1253	1255	1259	1266	1267

Directional Response: Handling and Steering

10	11	12	16	19	21	74	88	95	98	100	101	106
110	119	120	129	131	132	134	148	154	158	161	163	164
165	166	200	228	235	236	240	265	270	271	274	275	280
295	297	298	299	300	302	304	305	306	307	308	309	310
312	314	315	327	328	335	336	338	340	346	348	351	355
356	357	358	359	360	363	365	366	368	369	371	372	373
374	376	377	379	380	382	383	384	386	387	388	389	392
393	395	403	406	407	408	410	411	412	413	415	416	418
421	423	427	428	429	430	433	435	436	437	439	440	441
460	461	472	483	485	486	487	497	498	500	508	514	524
525	526	532	534	535	536	540	553	564	567	568	569	570
571	572	585	594	605	615	627	643	644	646	647	648	658
659	660	661	662	663	670	678	681	688	695	701	702	703
704	726	727	742	746	751	752	755	757	758	764	766	767
773	774	781	785	794	806	808	809	810	811	820	825	826
828	831	836	848	849	855	857	859	864	868	869	870	871
873	874	877	887	891	892	895	896	897	899	901	910	912
913	914	915	947	948	950	951	954	955	956	958	985	986
987	993	1001	1003	1004	1005	1007	1009	1010	1021	1023	1024	1025
1026	1027	1040	1041	1043	1045	1047	1052	1053	1058	1060	1061	1062
1063	1076	1081	1092	1094	1098	1099	1100	1101	1119	1120	1122	1125
1126	1127	1131	1150	1153	1154	1159	1160	1161	1162	1168	1169	1171
1172	1173	1176	1177	1179	1180	1181	1182	1184	1188	1192	1200	1202
1203	1207	1212	1213	1215	1220	1228	1229	1230	1231	1232	1235	1238
1239	1240	1241	1245	1249	1251	1252	1254	1256	1260	1261	1263	1268
1277	1279	1281	1286	1287	1291	1295	1304	1305	1309	1310	1313	

Ride, Vibration, Noise

19	35	59	63	91	96	97	123	150	186	202	219	235
236	237	239	259	266	267	268	312	314	316	317	318	319
320	321	322	323	325	326	345	350	375	385	422	459	460
462	465	500	501	502	505	513	521	547	548	569	616	628
630	631	637	638	641	642	650	657	676	683	685	687	689
697	717	718	720	745	760	770	771	772	797	803	812	816
817	833	834	851	856	865	880	883	906	929	933	964	965
969	994	995	999	1015	1016	1044	1045	1065	1086	1121	1130	1136
1144	1146	1149	1163	1164	1166	1174	1175	1183	1186	1187	1190	1191
1209	1210	1226	1269									

Roll Stability and Rollover

5	11	19	29	33	108	109	127	129	131	132	134	226
246	257	262	279	300	308	310	312	315	332	334	336	339
340	341	346	349	353	355	356	357	359	360	368	369	370
371	374	376	385	391	403	406	407	408	410	411	412	413
430	437	472	482	484	488	497	499	500	508	509	540	549
610	632	656	668	672	690	708	733	734	735	740	752	761
764	765	767	773	774	785	787	806	813	864	874	896	931
946	949	950	952	954	956	957	988	1006	1025	1032	1047	1050
1060	1062	1070	1092	1102	1116	1119	1120	1122	1123	1124	1128	1154
1178	1203	1227	1228	1232	1237	1239	1240	1241	1242	1244	1246	1250
1251	1252	1254	1256	1263	1268	1277	1279	1281	1286	1287		

Braking Response: Emergency and Downhill

1	8	10	11	18	19	20	25	48	51	52	53	60
69	74	77	101	120	129	132	134	141	145	146	148	149
155	161	176	207	238	258	261	270	271	272	290	293	300
310	312	313	315	327	331	340	351	355	360	361	368	374
376	383	387	388	396	403	404	406	407	408	409	410	411
412	413	419	422	423	424	425	426	429	434	435	437	438
439	442	443	444	449	450	451	452	453	454	456	457	458
469	471	479	480	481	497	500	508	516	518	522	524	525
530	535	539	552	554	555	575	576	594	599	607	624	625
636	639	661	671	673	694	701	702	727	730	731	732	753
754	756	757	773	774	775	786	799	800	809	810	811	823
827	828	838	841	842	843	844	845	846	852	853	858	859
861	863	872	873	874	876	886	887	888	893	898	907	910
915	918	919	934	935	936	937	939	940	941	942	943	944
962	966	972	973	989	990	992	996	1002	1025	1042	1043	1047
1055	1076	1080	1091	1093	1106	1133	1134	1145	1159	1160	1161	1162
1169	1171	1184	1185	1188	1198	1213	1214	1215	1235	1256	1257	1258
1274	1291	1309										

Acceleration and Hill Climbing

30	78	272	312	414	446	479	480	481	500	503	506	507
519	581	677	679	728	800	823	847	863	920	932	996	1008
1012	1022	1023	1069	1096	1106	1158	1194	1195	1198	1200	1202	1222
1298	1300	1301										

Driver Control and Automatic Control

12	17	50	105	108	123	195	226	255	279	312	317	320
327	401	402	407	500	523	529	547	548	582	606	619	620
621	626	663	668	680	681	734	750	755	784	790	819	826
837	852	853	893	894	933	947	970	991	993	997	1001	1008
1009	1010	1030	1031	1095	1164	1171	1183	1186	1187	1192	1209	1211
1300												

Modeling and Simulation

16	36	58	73	89	90	95	102	104	105	114	115	116
117	118	121	124	125	129	140	148	159	188	189	195	197
220	221	222	225	231	235	236	243	245	267	284	285	301
303	304	305	310	312	315	318	322	324	325	337	378	381
383	386	393	398	423	428	429	434	436	461	472	473	482
486	491	493	498	500	510	511	512	538	542	546	551	553
555	600	601	602	615	616	617	648	676	678	697	703	704
724	725	729	743	750	753	757	761	762	781	791	794	808
813	820	827	828	831	842	843	854	867	869	889	900	930
953	955	959	963	984	988	995	1013	1019	1020	1021	1028	1035
1036	1049	1058	1065	1077	1081	1090	1098	1099	1100	1101	1126	1130
1132	1143	1144	1147	1166	1167	1172	1173	1176	1177	1179	1188	1217
1219	1225	1247	1257	1258	1275							

Regulations

6	15	28	31	55	65	72	83	92	94	128	133	149
199	211	287	293	294	296	300	378	389	399	406	407	430
490	555	586	609	769	783	789	799	832	846	872	903	907
919	934	935	936	937	978	979	992	1039	1042	1083	1121	1161
1184	1206	1237	1238	1240	1280	1283	1294					

Accidents, Statistics, Safety, Systems Analyses

6	13	34	37	44	46	47	48	49	50	51	54	56
57	64	66	67	68	70	71	72	82	83	103	143	144
156	167	171	173	174	175	178	179	180	181	182	211	212
213	214	215	228	232	269	275	277	278	281	288	289	296
397	403	405	408	410	411	413	424	445	450	467	474	475
490	500	513	532	533	534	536	542	545	591	593	598	604
633	634	635	649	653	654	655	684	687	690	698	699	700
709	723	731	732	764	769	783	789	790	791	792	793	794
796	802	804	805	832	879	884	885	888	890	900	902	904
905	910	976	978	979	980	982	984	998	1000	1029	1034	1037
1039	1044	1046	1056	1059	1067	1068	1071	1072	1082	1110	1114	1115
1133	1141	1151	1180	1181	1196	1197	1201	1206	1211	1225	1231	1233
1235	1243	1246	1276	1306								

Road Geometry and Offtracking

15	26	27	40	41	43	56	65	84	132	134	136	153
183	198	208	253	269	288	289	300	310	338	340	352	355
358	359	360	365	366	369	371	389	397	405	406	407	408
412	413	425	426	440	441	446	447	448	475	476	477	478
487	500	517	518	519	520	549	577	581	582	587	622	644
645	679	689	721	722	746	748	751	758	764	769	782	783
785	802	804	807	857	886	898	945	979	1017	1018	1024	1036
1056	1064	1085	1090	1096	1110	1114	1118	1152	1193	1196	1232	1286
1289	1290	1306	1307	1308	1309	1313						

Vehicle/Roadway Interactions

24	38	39	42	71	75	79	81	83	130	135	139	152
161	184	185	186	187	188	189	190	201	203	204	205	206
217	218	219	220	221	222	223	224	226	227	229	244	251
252	260	268	286	311	405	462	464	494	495	496	500	515
543	544	545	557	558	559	560	564	565	566	573	588	589
590	592	641	665	666	667	675	696	706	707	715	716	736
759	760	768	769	779	821	822	829	835	840	848	849	878
903	923	924	933	977	981	1011	1014	1015	1016	1038	1051	1066
1073	1074	1089	1090	1097	1109	1111	1112	1121	1138	1139	1140	1144
1148	1155	1165	1191	1199	1204	1205	1208	1273	1278	1282	1283	1284
1285	1288	1294	1302	1311	1312							

Automatic vehicle control

167	191	196	197	336	414	418	605	613	733	735	825	896
913	1048	1102	1127	1132	1167	1297	1298	1299	1301			