

Eva, Ray, Rex

Collision	Ma (kg)	Mb (kg)	Va (m/s)	Vb (m/s)	Va' (m/s)	Vb' (m/s)	pa (kgm/s)	pb (kgm/s)	pa' (kgm/s)	pb' (kgm/s)	total p (kgm/s)	total p' (kgm/s)
Ma=Mb, Va=Vb, bouncing	0.473	0.473	0.6078	-0.6223	-0.4905	0.5269	0.2875	-0.294	-0.232	0.2492	-0.0069	0.0172
Ma>Mb, Va=Vb, bouncing	0.673	0.473	0.4641	-0.4617	-0.2642	0.5905	0.3123	-0.218	-0.178	0.2793	0.0940	0.1015
Ma<Mb, Va=Vb, bouncing	0.473	0.673	0.4256	-0.4157	-0.5227	0.2683	0.2013	-0.28	-0.247	0.1806	-0.0785	-0.0667
Ma=Mb, Va>Vb, bouncing	0.473	0.473	0.6998	-0.4336	-0.3525	0.6407	0.331	-0.205	-0.167	0.3031	0.1259	0.1363
Ma>Mb, Va>Vb, bouncing	0.673	0.473	0.5638	-0.3987	-0.1937	0.6894	0.3794	-0.189	-0.13	0.3261	0.1909	0.1957
Ma<Mb, Va>Vb, bouncing	0.473	0.673	0.6308	-0.4008	-0.5188	0.4195	0.2984	-0.27	-0.245	0.2823	0.0286	0.0369
Ma=Mb, Va<Vb, bouncing	0.473	0.473	0.266	-0.6868	-0.6385	0.2476	0.1258	-0.325	-0.302	0.1171	-0.1990	-0.1849
Ma>Mb, Va<Vb, bouncing	0.673	0.473	0.1959	-0.9542	-0.6461	0.2753	0.1318	-0.451	-0.435	0.1302	-0.3195	-0.3046
Ma<Mb, Va<Vb, bouncing	0.473	0.673	0.2548	-0.9009	-1.0015	0	0.1205	-0.606	-0.474	0	-0.4858	-0.4737
Ma=Mb, Va>0, Vb=0, bouncing	0.473	0.473	0.6004	0	0	0.5926	0.284	0	0	0.2803	0.2840	0.2803
Ma>Mb, Va>0, Vb=0, bouncing	0.673	0.473	0.5682	0	0.1046	0.6526	0.3824	0	0.0704	0.3087	0.3824	0.3791
Ma<Mb, Va>0, Vb=0, bouncing	0.473	0.673	0.6945	0	-0.1046	0.5658	0.3285	0	-0.049	0.3808	0.3285	0.3313
Ma=Mb, Vb>0, Va=0, bouncing	0.473	0.473	0	-0.5603	-0.5755	0	0	-0.265	-0.272	0	-0.2650	-0.2722
Ma>Mb, Vb>0, Va=0, bouncing	0.673	0.473	0	-0.7867	-0.6201	0.1094	0	-0.372	-0.417	0.0517	-0.3721	-0.3656
Ma<Mb, Vb>0, Va=0, bouncing	0.473	0.673	0	-0.8164	-0.92	-0.1181	0	-0.549	-0.435	-0.079	-0.5494	-0.5146
Ma=Mb, Va=Vb, sticking	0.473	0.473	0.4514	-0.4515	0	0	0.2135	-0.214	0	0	0.0000	0.0000
Ma>Mb, Va=Vb, sticking	0.673	0.473	0.4958	-0.4872	0.0958	0.0958	0.3337	-0.23	0.0645	0.0453	0.1032	0.1098
Ma<Mb, Va=Vb, sticking	0.473	0.673	0.4653	-0.4842	-0.0696	-0.0696	0.2201	-0.326	-0.033	-0.047	-0.1058	-0.0798
Ma=Mb, Va>Vb, sticking	0.473	0.473	0.8178	-0.35	0.2362	0.2362	0.3868	-0.166	0.1117	0.1117	0.2213	0.2234
Ma>Mb, Va>Vb, sticking	0.673	0.473	0.5024	-0.3158	0.1657	0.1657	0.3381	-0.149	0.1115	0.0784	0.1887	0.1899
Ma<Mb, Va>Vb, sticking	0.473	0.673	0.5501	-0.281	0.079	0.079	0.2602	-0.189	0.0374	0.0532	0.0711	0.0905
Ma=Mb, Va<Vb, sticking	0.473	0.473	0.3186	-0.9679	-0.3097	-0.3097	0.1507	-0.458	-0.146	-0.146	-0.3071	-0.2930
Ma>Mb, Va<Vb, sticking	0.673	0.473	0.2975	-0.8106	-0.1501	-0.1501	0.2002	-0.383	-0.101	-0.071	-0.1832	-0.1720
Ma<Mb, Va<Vb, sticking	0.473	0.673	0.2321	-0.8527	-0.3945	-0.3945	0.1098	-0.574	-0.187	-0.265	-0.4641	-0.4521
Ma=Mb, Va>0, Vb=0, sticking	0.473	0.473	0.8031	0	0.3977	0.3977	0.3799	0	0.1881	0.1881	0.3799	0.3762
Ma>Mb, Va>0, Vb=0, sticking	0.673	0.473	0.8018	0	0.4726	0.4726	0.5396	0	0.3181	0.2235	0.5396	0.5416
Ma<Mb, Va>0, Vb=0, sticking	0.473	0.673	0.8613	0	0.3586	0.3586	0.4074	0	0.1696	0.2413	0.4074	0.4110
Ma=Mb, Vb>0, Va=0, sticking	0.473	0.473	0	-0.6962	-0.3355	-0.3355	0	-0.329	-0.159	-0.159	-0.3293	-0.3174
Ma>Mb, Vb>0, Va=0, sticking	0.673	0.473	0	-0.6202	-0.2482	-0.2482	0	-0.293	-0.167	-0.117	-0.2934	-0.2844
Ma<Mb, Vb>0, Va=0, sticking	0.473	0.673	0	-0.4835	-0.2678	-0.2678	0	-0.325	-0.127	-0.18	-0.3254	-0.3069