

Table 1: Input data on binaries: first three columns contain WDS number, star name and components and HIP number, m_t is the integrated magnitude of a pair, Δm is the magnitude difference, m_A and m_B are the magnitudes of components from WDS, π is the new parallax (van Leeuwen 2007), P , a and G are period, semimajor axis and grade of orbit from Sixth Catalog of Orbits of Visual Binary Stars

WDS	Name	HIP	m_t	Δm	m_A	m_B	π [mas]	P [year]	a [sec]	G
00022+2705	BU 733AB	171	5.80	2.794	5.80	8.90	82.17	26.28	0.830	2
00184+4401	GRB 34AB	1475	8.09	2.613	8.07	11.04	278.76	2600.00	41.150	5
00315-6257	I 260CD	2487	4.53	1.290	4.60	6.54	19.36	44.66	0.404	3
00318+5431	STT 12	2505	4.74	0.217	5.33	5.62	8.64	536.47	1.165	4
00491+5749	STF 60AB	3821	3.46	3.820	3.52	7.36	167.98	480.00	11.994	3
01084-5515	RST1205AB	5348	3.94	2.388	4.02	6.80	10.92	210.37	0.804	5
01398-5612	DUN 5AB	7751	5.76	0.138	5.78	5.90	127.84	483.66	7.817	5
02039+4220	STT 38BC	9640			5.10	6.30	8.30	63.67	0.302	2
02140+4729	STF 228	10403	6.05	0.593	6.56	7.21	25.26	144.00	0.896	2
02396-1152	FIN 312	12390	4.83	0.590	5.22	6.50	46.55	2.65	0.107	1
03284+6015	A 980AB	16177	6.49	1.400	6.73	8.29	5.59	231.00	0.380	4
03454-2752	BU 1003	17544	8.21	2.918	8.39	11.12	46.37	286.34	2.145	5
03503+2535	STT 65	17954	5.24	0.388	5.73	6.52	17.71	61.00	0.411	2
04136+0743	A 1938	19719	5.29	0.836	6.00	6.10	27.52	7.18	0.135	1
04239+0928	HU 304	20522	5.10	0.131	5.80	5.90	8.24	54.77	0.188	2
04301+1538	STF 554	20995	5.58	2.320	5.70	8.12	21.82	180.00	1.000	4
04512+1104	BU 883AB	22550	6.79	0.173	7.50	7.75	21.33	16.28	0.188	1
04590-1623	BU 314AB	23166	5.65	1.176	5.92	7.50	24.71	55.00	0.440	3
07277+2127	MCA 30Aa	36238	5.20	2.042	5.26	7.30	31.23	2.07	0.074	2
07346+3153	STF1110AB	36850	1.58	0.823	1.93	2.97	64.12	444.95	6.593	3
08270-5242	B 1606	41426	6.49	0.114	6.99	7.85	18.50	14.50	0.158	3
08549+2612	A 2131AB	43766	6.73	1.142	6.95	9.02	20.40	45.02	0.347	2
09006+4147	KUI 37AB	44248	3.96	2.117	4.18	6.48	62.23	21.78	0.647	1
09144+5241	STF1321AB	45343	7.64	0.173	7.79	7.88	172.08	975.00	16.725	4
09210+3811	STF1338AB	45858	6.12	0.216	6.72	7.08	23.44	303.27	1.336	3
12244+2535	STF1639AB	60525	6.41	1.036	6.74	7.83	11.08	575.44	1.224	4
12417-0127	STF1670AB	61941	2.74	0.066	3.48	3.53	85.58	169.10	3.639	2
13100+1732	STF1728AB	64241	4.32	0.094	4.85	5.53	56.10	26.05	0.676	1
13169+1701	BU 800AB	64797	6.49	2.683	6.66	9.50	90.32	770.00	8.060	4
13550-0804	STF1788AB	67953	6.19	0.869	6.68	7.26	30.23	2613.00	4.998	5
14234+0827	BU 1111BC	70327			7.40	7.70	15.17	40.00	0.240	1
14396-6050	RHD 1AB	71683	-0.01	1.242	0.14	1.24	754.81	79.91	17.570	2
14514+1906	STF1888AB	72659	4.54	2.238	4.76	6.95	148.98	151.60	4.940	2
14575-2125	H N 28AB	73184	5.72	2.372	5.88	8.18	171.22	2130.00	32.340	5
15038+4739	STF1909	73695	4.83	0.592	5.20	6.10	79.95	206.00	3.800	2
15183+2650	STF1932Aa-B	74893	6.59	0.124	7.32	7.41	27.79	203.00	1.216	2
15232+3017	STF1937AB	75312	4.99	0.312	5.64	5.95	55.98	41.56	0.868	1
15416+1940	HU 580AB	76852	4.51	0.131	5.22	5.35	17.16	21.97	0.210	2
15427+2618	STF1967	76952	3.81	1.675	4.04	5.60	22.33	92.94	0.735	2
16147+3352	STF2032AB	79607	5.23	1.085	5.62	6.49	47.44	726.00	5.260	4
16309+0159	STF2055AB	80883	3.82	1.079	4.15	5.15	18.84	129.00	0.910	2
17082-0105	A 1145	83853	6.06	2.099	6.32	7.75	11.17	203.60	0.572	3
17156-3836	FIN 355	84425	5.95		6.30	7.88	32.69	23.30	0.280	4
17190-3459	MLO 4AB	84709	5.91	1.177	6.37	7.38	146.29	42.15	1.810	2
17191-4638	BSO 13AB	84720	5.47	2.882	5.61	8.88	113.61	693.24	10.415	5
17221-7007	FIN 373	84979	5.39		5.90	6.46	2.47	37.64	0.144	4
17471-3807	I 1336	87042	6.41	0.233	6.76	7.82	6.71	35.75	0.150	4
17572+2400	MCA 50	87895	6.32	1.625	6.30	7.90	35.40	2.41	0.084	2
18055+0230	STF2272AB	88601	4.03	1.823	4.22	6.20	196.72	88.44	4.526	1
18058+2127	STT 341AB	88637	7.07	0.860	7.39	8.82	25.35	20.08	0.253	2
18068-4325	HJ 5014	88726	4.92	0.052	5.65	5.68	23.90	450.00	2.040	4
18250+2724	STF2315AB	90256	6.27	0.939	6.57	7.77	8.51	2094.00	2.062	4
18443+3940	STF2382AB	91919	4.67	1.085	5.01	6.10	20.09	1725.00	4.170	4
18443+3940	STF2382AB	91919	4.67	1.085	5.01	6.10	20.09	1804.41	4.742	4

Table 1: Continued ...

WDS	Name	HIP	m_t	Δm	m_A	m_B	π [mas]	P [year]	a [sec]	G
18443+3940	STF2383Cc-D	91926	4.59	0.190	5.25	5.38	20.97	724.31	2.920	4
18455+0530	FIN 332Aa	92027	5.82	0.200	6.50	6.60	5.30	27.01	0.095	3
18455+0530	FIN 332Aa	92027	5.82	0.200	6.50	6.60	5.30	50.96	0.165	3
19064-3704	HJ 5084	93825	4.23	0.097	4.53	6.42	57.79	121.76	1.896	2
19121+4951	STF2486AB	94336	5.85	0.190	6.54	6.67	40.90	3100.00	12.750	4
19172-6640	GLE 3	94789	5.52	0.488	6.12	6.42	10.92	156.76	0.539	4
20203+3924	A 1427AB	100268	6.22	1.714	6.57	8.17	5.54	82.55	0.207	4
21044-1951	FIN 328	104019	4.82	2.085	5.02	7.39	20.20	28.24	0.265	3
21069+3845	STF2758AB	104214	5.20	0.848	5.35	6.10	286.82	678.00	24.272	4
21145+1000	STT 535AB	104858	4.47	0.217	5.19	5.52	54.09	5.71	0.232	1
21186+1134	BU 163AB	105200	7.01	1.527	7.37	8.94	20.98	78.54	0.518	2
21441+2845	STF2822AB	107310	4.49	1.417	4.75	6.18	44.97	789.00	5.320	4
22266-1645	SHJ 345AB	110778	5.55	0.133	6.29	6.39	49.50	3500.00	14.880	4
22500-3248	HDO 301	112746	6.34	0.158	7.12	7.23	14.52	26.90	0.212	2
22586+0921	STT 536AB	113445	6.43	0.276	7.00	7.30	30.71	26.00	0.350	1
00063+5826	STF3062	518	5.98	0.897	6.42	7.32	46.56	106.70	1.440	2
00095+1907	COU 247	768	7.94	1.571	8.29	9.98	14.68	280.00	0.846	5
00098-3347	SEE 3	794	8.84	1.090	9.56	9.74	18.08	424.68	1.114	5
00126-1142	RST3343	1005	8.14	0.025	8.98	8.98	5.72	185.00	0.300	5
00162+7657	STF 13	1296	6.35	0.299	7.03	7.12	5.20	971.44	0.987	4
00214+6700	STT 6AB	1700	7.23	0.831	7.54	8.77	6.04	335.38	0.394	4
00284-2020	B 1909	2237	6.44	0.059	7.23	7.40	31.06	11.33	0.211	2
00321-0511	A 111AB	2533	8.54	0.025	9.70	9.70	21.69	21.38	0.172	2
00324+0657	MCA 1Aa	2548	5.69	1.953	5.84	7.99	12.35	25.55	0.155	3
00352-0336	HO 212AB	2762	5.20	0.828	5.61	6.90	47.05	6.89	0.241	1
00373-2446	BU 395	2941	5.57	0.286	6.20	6.60	64.93	25.09	0.667	1
00424+0410	STT 18AB	3326	7.59	1.905	7.86	9.71	16.67	386.51	3.296	4
00427-6537	I 440	3351	7.01	0.404	7.27	8.75	5.64	271.78	0.457	5
00462-2214	RST4155	3606	9.01	0.000	9.76	10.03	10.66	48.00	0.195	4
00507+6415	MCA 2	3951	5.35	1.080	5.70	6.80	5.10	5.73	0.034	3
00521-1314	HU 201	4066	9.43	0.467	10.09	10.47	16.41	123.36	0.508	4
00546+1911	STT 20AB	4267	5.80	0.901	6.12	7.19	9.25	335.00	0.690	3
00583+2124	BU 302	4558	6.47	1.329	6.60	8.77	7.71	331.97	0.651	4
01083+5455	WCK 1Aa	5336	5.17	4.417	5.17	10.70	132.38	21.75	1.009	4
01158-6853	I 27CD	5842	7.22	0.548	7.84	8.44	46.20	85.20	1.140	3
01218-2408	SEE 13	6367	8.28	0.374	8.89	9.29	11.62	1530.34	2.021	5
01220-6943	I 263	6377	7.26	0.499	7.66	8.61	11.16	4230.00	5.040	5
01234+5809	STF 115AB	6486	6.36	0.232	7.10	7.30	17.00	222.00	0.830	3
01243-0655	BU 1163	6564	5.92	0.349	6.59	6.98	21.44	16.11	0.199	2
01259-4754	RST 33	6693	7.86	1.326	8.13	9.77	26.54	215.50	1.154	5
01277+0521	BU 1164AB	6815	7.01	0.494	7.56	8.41	13.42	64.68	0.289	3
01297+2250	A 1910AB	6966	6.77	0.282	7.50	7.70	6.09	70.70	0.190	2
01337-1213	HWE 4	7274	8.51	0.153	9.23	9.31	15.01	146.00	0.911	4
01350-2955	BU 1000AB-C	7372	7.11	4.800	7.20	11.50	46.24	111.80	1.419	4
01361-2954	HJ 3447	7463	5.69	1.116	5.97	7.35	14.42	1503.58	13.155	5
01376-0924	KUI 7	7580	6.24	0.894	6.80	7.20	24.76	28.83	0.292	2
01409+4952	HU 531AB	7841	9.15	0.150	9.50	10.00	11.13	92.80	0.270	4
01418+4237	MCY 2	7918	4.96		4.95	11.00	78.50	19.50	0.580	4
01443+5732	BU 870AB	8115	6.18	1.974	6.29	8.68	11.77	193.17	0.899	4
01477-4358	I 52	8353	7.96	0.288	8.47	9.10	5.30	232.00	0.457	5
01497-1414	HU 422	8504	8.23	0.000	9.01	9.18	9.97	111.28	0.259	3
01559+0151	STF 186	8998	6.01	0.145	6.79	6.84	25.07	165.72	0.986	2
02009-4350	I 265	9408	8.16	0.806	8.63	9.64	12.04	640.00	1.070	5
02157+2503	COU 79	10535	5.57	0.256	6.40	6.48	19.58	23.70	0.235	2
02158-1814	HTG 1	10542	7.94	0.796	8.49	9.25	43.20	225.00	2.000	5
02174+6121	STF 234AB	10677	8.22	0.749	8.74	9.40	16.91	139.87	0.510	4
02198-3527	HJ 3494	10864	8.22	0.235	9.01	9.12	29.49	352.00	1.846	5

Table 1: Continued ...

WDS	Name	HIP	m_t	Δm	m_A	m_B	π [mas]	P [year]	a [sec]	G
02212+2136	HU 425	10959	10.06	0.439	10.74	11.21	6.00	125.00	0.355	4
02232-2952	BU 738	11131	6.96	0.310	7.60	7.97	25.63	560.00	2.150	4
02366+1227	MCA 7	12153	5.64	0.168	5.68	5.78	28.79	1.92	0.119	2
02396-5425	HU 1350	12397	8.94	0.631	9.52	9.94	9.87	250.00	0.790	5
02405-2408	SEE 19	12466	7.54	0.512	8.15	8.68	5.31	212.56	0.523	4
02407+2637	STT 43	12491	7.55	1.212	7.90	9.04	15.45	289.20	0.886	4
02424+2001	BLA 1Aa	12640	5.74	0.484	5.69	6.20	8.56	8.84	0.056	2
02434-6643	FIN 333	12717	6.23	0.323	6.51	8.19	18.40	36.00	0.290	4
02442+4914	STF 296AB	12777	4.10	5.272	4.12	10.00	89.87	2720.00	22.289	5
02442-2530	FIN 379Aa	12780	6.96	0.000	7.00		23.80??	27.02	0.267	4
02517+4559	A 1281	13336	8.66	1.412	8.97	10.72	17.12	146.40	0.491	4
02517-5234	HU 1562	13341	8.35	0.721	8.79	9.71	12.71	65.00	0.280	4
02572-2458	BU 741AB	13772	7.33	0.134	8.06	8.20	44.51	164.40	1.274	3
02572+0153	A 2413	13773	7.56	0.184	8.28	8.62	21.52	115.80	0.615	3
03054+2515	STF 346AB	14376	5.45	0.109	6.19	6.21	6.05	227.00	0.470	3
03121-2859	HJ 3555	14879	3.80	2.809	3.98	7.19	70.24	269.00	4.000	4
03128-0112	HJ 663	14954	5.07	5.500	5.06	11.00	44.29	1420.00	6.770	5
03175+6540	STT 52AB	15309	6.41	0.407	7.06	7.40	5.92	350.00	0.458	4
03236-4005	I 468	15799	6.90	3.500	6.80	11.00	57.40	111.00	1.800	5
03244-1539	A 2909AB	15868	7.51		8.40	8.40	20.27	25.00	0.148	4
03337+5752	CHR 117	16602	6.37	0.220	6.36	6.60	14.94	14.47	0.120	2
03339-3105	B 52	16628	6.20	0.525	6.69	7.63	23.94	19.13	0.236	2
03342+4837	BU 787AB	16649	7.35	1.123	7.40	11.90	3.83	400.22	2.861	5
03344+2428	STF 412AB	16664	5.95	0.114	6.60	6.86	7.60	522.16	0.625	3
03350+6002	STF 400AB	16712	6.43	0.916	6.79	7.97	18.74	244.52	1.052	3
03368+0035	STF 422	16846	5.82	2.572	6.00	8.90	32.59	2101.00	8.023	5
03496+6318	CAR 1	17891	5.82	0.289	6.31	7.11	13.96	10.18	0.102	3
03575-0110	BU 543	18512	8.07	2.497	8.21	11.45	64.40	3200.00	11.100	5
04021-3429	BU 1004AB	18824	6.73	0.577	7.26	7.94	19.35	281.83	1.853	5
04024-2832	DAW 79	18839	7.60	0.350	8.28	8.71	16.29	160.57	0.500	5
04091+2839	HO 326	19385	8.21	0.102	9.07	9.15	10.34	158.18	0.643	4
04142-4608	RST2338	19758	6.77	0.240	7.19	8.48	22.16	18.56	0.309	3
04142-4608	RST2338	19758	6.77	0.240	7.19	8.48	22.16	36.10	0.290	3
04184+2135	MCA 14Aa	20087	5.64	2.310	5.60	8.10	18.50	11.35	0.133	2
04199+1631	STT 79	20215	6.85	1.367	7.26	8.62	21.49	89.70	0.590	2
04215-2544	BU 744AB	20347	6.08	0.273	6.56	7.26	17.02	81.02	0.480	2
04227+1503	STT 82AB	20440	6.97	1.527	7.31	8.63	22.92	241.00	1.160	3
04256+1556	FIN 342Aa	20661	6.44	0.370	7.00	7.74	21.20	6.28	0.105	1
04259+1852	BU 1185	20686	8.07	0.625	8.09	8.89	22.58	27.40	0.259	2
04269-2405	BU 311	20765	6.11	0.150	6.67	7.09	10.24	596.45	1.029	4
04271+2542	THB 1	20777	11.96	0.792	11.00	11.50	21.79	92.80	0.137	4
04275-2427	I 413	20807	8.11	0.590	8.51	9.48	13.71	183.00	0.560	5
04290+1610	HU 1080	20916	6.59	0.633	6.85	8.38	20.65	40.70	0.390	2
04395-4507	I 1489	21698	8.86	0.314	9.45	10.23	23.08	32.00	0.290	4
04400+5328	BU 1295AB	21730	5.36	1.343	5.86	7.35	22.49	26.65	0.174	2
04403-5857	HJ 3683	21756	6.53	0.293	7.33	7.45	32.68	326.17	2.435	4
04422+2257	MCA 16Aa	21881	4.27	2.130	4.33	6.97	8.19	57.90	0.284	3
04502-3113	B 1474	22484	9.33	0.095	10.03	10.45	11.29	97.40	0.270	5
04515-3454	FIN 320	22573	5.82	0.160	6.31	7.05	12.17	37.30	0.261	3
04573+5345	D 5AB	23040	4.43	2.696	4.49	7.90	8.77	284.00	0.780	5
05017+2640	A 1844AB	23395	6.79	1.747	7.07	9.01	24.63	25.21	0.259	2
05025-2115	DON 91AB	23452	8.31	2.207	8.66	10.60	116.59	44.00	1.800	4
05047+7404	STT 89	23617	6.10	1.197	6.53	7.29	5.84	139.00	0.390	4
05059-1355	A 3009	23716	7.87	1.690	8.21	9.74	21.48	168.92	1.033	5
05074+1839	A 3010	23835	4.91		5.80	5.80	64.79	1.19	0.180	3
05089+0313	A 2636	23957	6.51	0.710	6.83	8.21	5.45	356.17	0.360	5
05117+0031	HU 33	24196	6.68	0.750	7.20	7.60	2.54	143.39	0.121	3

Table 1: Continued ...

WDS	Name	HIP	m_t	Δm	m_A	m_B	π [mas]	P [year]	a [sec]	G
05135+0158	STT 517AB	24349	6.08	0.449	6.79	6.99	4.71	530.00	0.527	4
05164-0139	A 844	24580	7.88	0.050	8.33	9.12	4.50	124.59	0.239	3
05165-2106	DON 97	24592	7.80	1.333	8.07	9.81	7.02	107.20	0.337	4
05190-2159	RST2375	24800	8.25	0.350	8.77	9.58	6.64	97.00	0.373	4
05248-5219	I 345AB	25303	6.26	0.286	6.76	7.40	6.36	191.00	0.300	4
05272+1758	MCA 19Aa	25499	5.40	1.062	5.42	6.40	5.94	15.38	0.068	3
05276-2055	SEE 53	25531	8.06	0.200	8.70	8.90	6.50	117.00	0.257	3
05308+0557	STF 728	25813	4.20	1.296	4.44	5.75	10.77	613.69	1.604	4
05330-2415	DAW 85	26003	9.15	0.500	9.66	10.64	18.10	66.50	0.310	4
05336-5104	HU 1566	26067	8.83	0.328	9.47	9.94	23.62	281.29	1.267	5
05352-4657	RST 141	26217	8.66	0.880	9.09	10.39	11.33	85.30	0.277	4
05373+6642	MLR 314	26410	6.26		6.68	7.66	12.86	46.76	0.251	4
05387-0236	BU 1032AB	26549	3.77	1.301	4.04	5.25	3.04	156.70	0.266	2
05429-0648	A 494AB	26926	5.97	0.452	6.51	7.24	20.02	20.13	0.208	2
05484+2052	STT 118AB	27421	6.03	1.448	6.32	7.57	5.97	553.27	0.713	5
05491+6248	STF3115	27472	6.18	0.886	6.55	7.51	8.15	976.83	1.350	4
05532-6150	SLR 15	27822	6.81	0.425	7.17	8.23	6.26	310.00	0.589	5
05580-5212	HU 1570	28240	8.82	0.112	9.47	9.66	16.19	190.00	0.588	4
06003-3102	HU 1399AB	28442	7.85	0.830	8.20	9.20	61.00	67.70	0.912	3
06048-4828	DUN 23	28796	6.60	0.332	7.30	7.69	33.33	304.20	3.260	4
06098-2246	RST3442	29234	5.71	0.052	6.56	6.57	20.39	18.21	0.206	2
06122-3645	RST4800	29443	9.17	0.100	9.90	10.26	5.95	127.00	0.226	4
06171+0957	FIN 331Aa	29850	5.39	0.345	6.10	6.10	14.47	9.20	0.093	2
06214+0216	A 2667	30217	6.30	0.649	6.63	8.02	10.83	100.23	0.393	2
06253+0130	FIN 343	30547	6.66	0.000	7.08	7.90	2.77	136.19	0.187	4
06274-2544	B 114	30733	8.36	0.180	9.05	9.36	24.18	60.11	0.430	3
06359-3605	FIN 19	31509	6.36	0.362	6.73	8.15	25.25	28.90	0.300	3
06455+2922	A 122	32378	8.22	0.443	8.89	9.39	12.98	100.00	0.328	4
06462+5927	STF 948AB	32438	4.86	0.475	5.44	6.00	15.19	907.60	2.300	4
06474+1812	STT 156	32539	6.35	0.360	6.61	8.04	5.66	224.63	0.427	3
06532+3826	COU1877	33064	6.32	1.846	6.47	8.96	14.38	271.10	0.793	4
06546+1311	STF 982AB	33202	4.73	2.815	4.75	7.80	39.02	3190.00	9.550	5
06594+2514	A 1061AB	33645	8.03	0.100	8.90	9.10	4.48	235.00	0.300	5
07026+1558	A 2462	33941	8.24	0.000	9.00	9.24	12.60	44.00	0.200	4
07113-1032	A 2122	34702	7.89	0.000	8.60	8.60	0.96	137.40	1.140	4
07128+2713	STF1037AB	34860	6.46	0.078	7.24	7.27	23.54	119.00	0.800	2
07148-1529	BU 575AB	35035	7.28	0.133	7.88	8.29	10.77	402.96	0.855	5
07175-4659	I 7	35296	6.70	0.934	7.10	8.35	68.52	94.00	0.753	4
07294-1500	STF1104AB	36395	6.05	1.226	6.39	7.60	28.50	686.00	3.590	5
07324-3558	RST4855	36657	6.35	1.000	6.70	7.80	5.09	80.34	0.196	4
07518-1354	BU 101	38382	5.16	0.627	5.61	6.49	60.59	22.70	0.602	2
07573+0108	STT 185	38870	6.35	0.157	7.10	7.30	16.14	58.01	0.343	2
08122+1739	STF1196AB	40167	4.67	0.405	5.30	6.25	39.87	59.58	0.859	1
08132-1354	HU 115	40239	9.38	0.469	10.18	10.44	48.45	62.90	0.870	3
08221-4059	HJ 4087AB	41006	6.96	0.385	7.58	7.98	12.50	880.00	2.830	5
08275-5501	FIN 116	41464	6.52	0.040	7.30	7.30	6.30	115.90	0.250	4
08403+1921	CHR 130	42542	6.76	1.655	6.78	8.50	7.15	13.23	0.100	4
08421-5245	B 1624	42695	7.82	0.893	8.22	9.62	20.05	82.30	0.442	3
08462-1422	HU 120	43038	8.34	0.100	9.19	9.21	11.63	215.80	0.495	5
09001-1228	HU 225AB	44190	8.06	0.145	8.60	9.18	9.90	129.80	0.339	3
09036+4709	A 1585	44471	3.57	0.267	4.16	4.54	9.10	35.61	0.185	2
09100-2845	B 179	45003	8.76	0.151	9.44	9.64	17.89	84.00	0.360	4
09104+6708	STF1306AB	45038	4.80	3.512	4.87	8.85	49.07	1141.30	6.387	4
09123+1500	FIN 347Aa	45170	6.49	0.093	7.20	7.20	49.11	2.70	0.116	1
09125-4032	B 1115	45191	8.67	0.300	9.32	9.83	9.96	570.00	1.390	5
09173-6841	FIN 363AB	45571	5.38		5.76	7.13	30.64	3.07	0.090	3
09278-0604	B 2530	46404	5.38	1.164	5.63	7.52	32.88	32.00	0.422	2

Table 1: Continued ...

WDS	Name	HIP	m_t	Δm	m_A	m_B	π [mas]	P [year]	a [sec]	G
09357+3549	HU 1128	47080	5.40	0.850	4.80	12.50	87.96	201.00	3.840	5
09387-3937	I 202	47328	6.69	1.942	7.02	8.37	24.43	110.40	2.042	4
09442-2746	FIN 326	47758	4.78		5.30	6.18	9.61	18.29	0.123	2
09474+1134	MCA 34	48029	6.44	0.563	6.40	6.90	11.81	15.24	0.111	2
09525-0806	AC 5AB	48437	5.07	0.345	5.43	6.41	11.75	77.82	0.397	2
10043-2823	I 292	49336	7.27	0.192	7.77	8.43	12.24	823.31	1.457	5
10083+3136	KUI 48AB	49658	6.23	0.560	6.90	7.20	16.33	17.76	0.156	2
10116+1321	HU 874	49929	6.43	0.662	6.90	7.87	15.48	20.50	0.155	2
10120-2836	B 194	49967	6.28	0.140	6.78	7.41	6.55	138.00	0.197	4
10131+2725	STT 213	50052	8.30	1.741	8.62	9.83	13.93	189.70	0.980	4
10161-5954	HU 1597	50287	6.22	0.085	7.03	7.05	12.24	83.90	0.365	2
10163-2859	I 851	50309	7.71	0.160	7.96	9.62	6.80	89.60	0.295	4
10250+2437	STF1429	50998	8.40	0.108	9.05	9.34	14.82	1280.68	2.100	5
10281+4847	KUI 50	51248	6.42		6.44	12.50	43.65	765.00	7.080	5
10282-2548	FIN 308AB	51255	8.51	0.300	9.14	9.68	11.22	67.00	0.169	4
10361-2641	BU 411	51885	6.29	0.907	6.68	7.77	24.24	170.14	0.886	3
11035+5432	A 1590	54040	8.45	0.638	8.95	9.64	23.06	202.24	0.857	5
11125-1830	BU 220	54742	6.11	0.762	6.24	8.34	6.50	185.50	0.467	3
11190+1416	STF1527	55254	6.60	0.970	7.01	7.99	32.53	341.00	2.300	3
11191-3100	I 506	55258	7.89	1.298	8.24	9.37	10.68	585.00	1.940	5
11210-5429	I 879	55425	3.90	0.918	4.08	5.65	9.12	38.71	0.259	2
11221-2447	I 507	55505	8.89	1.621	9.59	10.06	22.27	345.00	1.471	5
11247-6139	BSO 5	55691	7.22	1.427	7.68	8.76	72.92	399.37	5.672	4
11272-1539	HU 462	55875	7.65	0.391	8.42	8.53	27.82	48.48	0.437	2
11323+6105	STT 235AB	56290	5.46	1.426	5.69	7.55	35.73	72.70	0.790	2
11363+2747	STF1555AB	56601	5.80	0.273	6.41	6.78	13.97	916.00	1.935	4
11374+4728	KU 39	56685	10.03	0.180	10.68	11.16	31.95	278.80	2.140	5
11387+4507	STF1561AB	56809	6.29	1.448	6.53	8.23	43.01	2050.00	10.330	5
11441-0448	RST5524	57232	7.54	0.000	8.90	8.90	7.37	56.24	0.148	5
11446-4925	RST9004AB	57269	8.91	0.499	9.35	10.64	20.59	32.35	0.280	4
11520+4805	HU 731	57859	8.97	0.212	9.68	9.81	21.69	207.77	1.179	4
11532-1540	A 2579	57955	8.15	0.234	8.61	9.29	3.74	174.90	0.290	5
11551+4629	A 1777AB	58112	6.54	0.967	6.50	9.00	4.72	136.54	0.225	3
12018-3439	I 215	58669	6.91	0.771	7.27	8.48	17.87	264.00	1.275	4
12036-3901	SEE 143	58799	6.51	0.331	7.05	7.65	21.75	110.00	0.660	3
12155-3106	RST1658	59780	9.74	0.694	10.17	11.32	46.72	61.20	0.671	4
12158-2321	BU 920	59801	6.53	1.175	6.86	8.22	14.37	175.00	1.000	5
12274-2843	B 228	60775	7.44	0.180	8.18	8.39	11.10	44.43	0.178	3
12283-6146	CPO 12A-BC	60845	6.82	0.830	7.32	8.24	20.67	2520.00	5.430	5
12301-1324	BU 28AB	60994	6.37	2.591	6.49	9.58	40.57	151.00	1.400	4
12392-4022	B 1215	61729	8.56	0.067	9.15	9.84	11.42	65.70	0.240	4
12396-3717	DAW 63	61775	9.05	0.437	9.81	9.97	22.64	57.00	0.333	3
12409+2708	COU 596	61890	7.82		8.50	8.70	6.62	33.30	0.108	3
12422+2622	A 1851	61986	9.28	0.412	10.09	10.08	22.72	61.30	0.415	2
12463-6806	R 207	62322	3.04	0.211	3.52	3.98	9.55	194.28	0.969	5
13007+5622	BU 1082	63503	4.93	2.862	5.02	7.88	39.30	106.40	1.250	3
13117-2633	FIN 305	64375	6.49	0.017	7.20	7.43	9.04	19.00	0.118	3
13123-5955	SEE 170AB	64425	4.58	0.550	5.30	6.00	8.61	27.00	0.185	4
13145-2417	FIN 297AB	64603	6.66	0.100	7.51	7.48	9.99	61.47	0.165	3
13169-3436	I 1567	64804	8.06	0.321	8.55	9.55	23.18	41.51	0.295	3
13175-0041	FIN 350	64838	6.36		7.10	7.10	12.28	9.05	0.080	2
13320+3108	WOR 24	66008	10.44	0.160	11.14	11.37	31.24	21.18	0.271	3
13342-1623	RST3844	66203	8.72	0.000	9.50	9.50	7.05	255.00	0.370	5
13347-1313	BU 932AB	66247	5.92	0.510	6.30	7.29	6.75	190.42	0.532	3
13372-6142	I 365AB	66438	5.63	0.281	5.98	7.22	27.99	35.00	0.450	2
13396+1045	BU 612AB	66640	5.57	0.067	6.35	6.47	16.67	22.46	0.200	1
13520-3137	BU 343	67696	6.11	0.977	6.26	8.91	18.98	161.60	0.845	4

Table 1: Continued ...

WDS	Name	HIP	m_t	Δm	m_A	m_B	π [mas]	P [year]	a [sec]	G
13535-3540	HWE 28AB	67819	5.53	0.205	6.27	6.38	19.13	292.11	1.329	5
13539-1440	RST3852	67850	7.42	0.025	7.85	8.92	7.60	64.90	0.275	4
13539-1910	HU 898	67859	8.09	0.000	8.70	9.23	9.29	316.90	0.657	5
13571-2731	I 234	68148	8.24	0.771	8.61	9.67	7.14	458.30	0.649	5
14077-4952	SLR 19	69012	6.45	0.234	7.14	7.38	21.49	202.54	1.150	5
14243-3838	RST1785	70410	9.59		10.35	10.62	12.10	82.80	0.222	4
14277-4113	I 1243AB	70707	8.68	0.100	9.60	9.70	7.74	310.00	0.380	5
14323+2641	A 570	71094	6.00	0.227	6.61	7.08	13.58	29.93	0.200	1
14404+2159	MCA 40	71729	6.13	1.000	6.05	7.10	8.60	9.26	0.073	2
14411-2237	RST2917	71792	7.23	0.974	7.58	9.02	5.23	140.00	0.317	4
14462-2111	FIN 309	72217	6.43	0.075	7.30	7.30	24.24	25.80	0.292	2
14463+0939	STF1879AB	72221	7.26	0.669	7.79	8.45	23.14	253.00	1.111	3
14489+0557	STF1883	72447	6.83	0.076	7.02	8.95	17.99	216.17	0.797	2
14492+1013	A 2983	72479	8.42	0.040	9.36	9.27	22.59	9.97	0.122	2
14511-3706	I 529	72639	9.06	0.344	9.64	10.00	12.38	2507.26	2.657	5
14542-6625	HJ 4707	72921	6.98	0.341	7.53	8.09	25.98	346.00	1.577	4
14565-3438	I 227AB	73108	7.34	0.239	8.06	8.39	16.38	40.00	0.256	4
14567-6247	FIN 372	73129	5.08		5.90	5.90	2.16	39.61	0.091	4
14575-2125	H N 28BC	73182	8.01	1.157	8.18	9.50	168.77	0.85	0.151	3
15035-4035	I 1262	73667	8.82	0.160	9.53	9.85	6.09	134.00	0.286	5
15042-1530	RST3906	73724	8.03	0.055	8.67	9.17	8.38	41.00	0.240	4
15073+1827	A 2385	74000	6.03	0.000	6.80	6.80	13.85	8.00	0.100	4
15088-4517	SEE 219AB	74117	4.07	0.318	4.43	5.23	4.20	73.55	0.275	2
15226-4755	SLR 20	75255	7.68	0.307	8.33	8.67	28.20	260.00	1.515	5
15245+3723	STF1938BC	75415	6.51	0.532	7.09	7.63	27.73	257.00	1.470	2
15246-4835	B 1288AB	75427	7.51	0.000	8.25	8.39	5.19	450.00	0.290	5
15258+8430	MLR 347	75529	8.80	0.000	9.52	9.91	16.67	39.20	0.193	4
15262-2819	RST 769	75563	9.94		10.73	10.94	8.70	173.20	0.425	5
15318+4054	A 1634AB	76041	4.98	1.150	5.80	5.80	8.40	8.48	0.060	3
15332-2429	SEE 238BC	76143	6.26	0.208	7.77	7.96	10.34	60.40	0.235	3
15360+3948	STT 298AB	76382	6.78	0.204	7.16	8.44	44.83	55.60	0.794	1
15496-0326	CHR 259	77516	3.54		3.75	5.39	19.23	36.00	0.370	5
15557-2645	I 977	78002	7.33	0.362	7.99	8.48	13.24	183.00	0.551	5
16057-3252	SEE 264AB	78842	7.84	0.688	8.34	9.29	24.70	145.90	0.869	4
16085-1006	BU 949	79071	6.69	0.349	7.08	8.19	15.46	54.88	0.363	2
16193-4240	SEE 271	79963	5.44	0.700	5.83	6.86	9.35	67.50	0.293	4
16253-4909	COO 197AB	80448	7.33	0.194	8.11	8.23	21.28	1132.00	3.370	5
16283-1613	RST3950	80677	7.19	1.250	7.60	8.78	13.35	26.55	0.176	3
16289+1825	STF2052AB	80725	6.98	0.149	7.69	7.91	50.87	224.00	2.210	2
16341+4226	LAB 4	81126	4.20	3.120	4.20	7.70	10.36	14.65	0.113	2
16514+0113	STT 315	82480	5.51	1.907	5.78	7.26	8.61	1115.00	1.680	4
16555-0820	KUI 75AB	82817	9.02	0.121	9.73	9.81	161.41	1.72	0.230	1
17018-5108	I 1306	83321	6.43	0.250	7.23	7.27	9.57	62.29	0.255	3
17062-3838	SEE 318	83687	7.73	0.303	8.36	8.65	10.28	285.08	0.620	5
17115-1630	HU 169	84092	7.51	0.067	8.12	8.61	8.29	98.80	0.241	3
17217+3958	MCA 47	84949	5.55	0.800	5.56		13.52	5.53	0.074	2
17283-2058	A 2244	85491	7.93	0.050	8.68	8.90	9.77	44.96	0.172	2
17304-0104	STF2173	85667	5.31	0.179	6.06	6.17	61.19	46.40	0.980	1
17305-1446	HU 177	85679	8.72		8.50	9.60	5.06	235.00	0.300	5
17308-3726	B 912	85700	6.89	0.133	7.48	7.96	7.01	215.88	0.416	4
17315-6026	I 600	85765	8.23	0.215	8.52	9.91	6.23	611.00	0.494	5
17350+6153	BU 962AB	86036	5.23	3.211	5.28	8.54	70.47	76.10	1.530	3
17366+4827	COU1922	86173	7.44	2.000	7.72	9.64	18.47	49.43	0.304	4
17394-1546	HU 181	86412	9.08	0.456	9.70	10.06	5.35	209.66	0.644	5
17471+1742	STF2215	87044	5.61	1.438	6.02	6.89	6.99	1062.47	0.838	4
17533+2459	A 235	87565	7.94	0.173	8.36	9.28	20.39	37.92	0.268	2
17542+1108	FIN 381	87655	6.24		7.00	7.20	12.00	8.92	0.087	2

Table 1: Continued ...

WDS	Name	HIP	m_t	Δm	m_A	m_B	π [mas]	P [year]	a [sec]	G
17571+0004	STF2244	87875	5.95	0.187	6.56	6.89	8.44	368.00	0.896	3
17586-1306	HU 190	88010	9.63	0.790	10.10	11.15	14.72	465.00	0.825	5
18018+0118	BU 1125AB	88290	4.42	3.107	4.52	7.48	11.15	175.74	1.090	4
18044-5953	RST5099	88510	8.21	0.000	9.19	9.01	13.81	46.10	0.268	4
18070+3034	AC 15AB	88745	5.05	3.481	5.13	8.96	63.93	56.40	1.000	2
18092-2211	RST3157	88932	8.88	0.080	9.58	9.92	30.49	9.38	0.216	3
18096+0400	STF2281AB	88964	5.71	1.243	5.97	7.52	18.25	294.00	1.190	2
18108-3529	B 1352	89076	8.98	0.000	9.88	9.87	9.88	180.00	0.387	5
18118+3327	B 2545AB	89156	5.98	0.503	6.50	6.80	4.21	23.90	0.062	3
18211+7244	LAB 5Aa	89937	3.55	2.167	3.57	5.70	124.11	0.77	0.123	2
18236-2610	HO 566	90128	7.69	1.210	7.97	9.55	9.59	93.91	0.386	3
18239+5848	STF2323AB	90156	4.98	2.559	5.06	8.07	17.71	3962.50	6.621	5
18359+1659	STT 358AB	91159	6.21	0.157	6.94	7.08	30.41	380.00	1.835	4
18410+2450	A 2988	91609	7.63	0.188	8.08	9.08	4.50	57.09	0.103	3
18421+3445	B 2546Aa	91707	6.49	1.563	6.50	7.50	2.19	111.50	0.133	4
18434-5546	B 398AB	91837	7.63	0.400	8.07	9.17	16.03	47.70	0.268	4
18463-2721	B 405	92104	8.12	0.635	8.66	9.30	13.86	87.95	0.343	3
18558+0327	A 2192	92909	7.07	0.150	7.73	8.00	6.99	132.18	0.276	3
18570+3254	BU 648AB	93017	5.20	2.393	5.34	7.96	67.24	61.18	1.240	2
19029-5413	I 1390	93524	8.52	0.233	9.20	9.64	11.34	112.20	0.274	3
19035-6845	FIN 357	93574	5.89	0.000	6.58	6.96	17.76	13.58	0.131	4
19040-3804	I 1391	93625	8.91	0.157	9.71	9.91	8.30	46.40	0.200	4
19043-2132	H N 126	93661	7.18	0.252	7.87	8.06	17.74	500.00	1.610	4
19091+3436	CHR 84Aa	94076	6.70	2.012	6.89	8.96	19.11	3.54	0.078	2
19111+3847	SE 2BC	94252	7.57	0.273	8.65	9.40	18.92	62.79	0.379	2
19124-3304	OL 22	94367	8.00	0.099	8.36	9.51	11.18	135.10	0.426	3
19164+1433	CHR 85Aa	94720	5.65	1.432	5.90	7.40	7.96	8.95	0.081	5
19167-4553	RST4036	94739	9.38	0.025	10.20	10.20	62.12	7.70	0.260	3
19190-3317	I 253	94926	6.94	0.107	7.25	8.77	18.15	60.00	0.510	4
19282-1209	SCJ 22	95722	7.57	0.247	8.12	8.69	27.31	165.27	1.003	3
19311+5835	MCA 56	95995	6.60	0.278	7.02	8.40	58.96	1.35	0.086	1
19316+1747	STF2536	96037	8.27	2.710	8.40	11.38	19.96	672.50	1.975	5
19336+3846	CHR 87	96195	6.61		7.19	7.68	7.77	69.04	0.157	4
19398-2326	SEE 389	96729	6.33	0.250	6.80	7.51	10.13	47.15	0.188	3
19411+1349	KUI 93	96840	5.98	0.775	6.69	6.75	0.49	61.72	0.129	3
19420+4015	KUI 94	96907	6.22	1.508	6.50	7.80	12.26	79.00	0.340	3
19456+3337	STF2576AB	97222	7.68	0.102	8.48	8.58	47.34	232.00	2.070	2
19471-1953	BU 146	97348	8.17	1.115	8.61	9.52	10.36	315.00	0.900	5
19487+3519	STT 387	97477	6.66	0.663	7.12	7.90	15.70	164.88	0.643	2
19490+1909	AGC 11AB	97496	5.01	0.560	5.64	6.04	12.79	23.22	0.136	1
19491-6149	I 120AB	97508	7.28	0.200	8.02	8.31	17.76	65.10	0.346	3
19496-5525	I 658	97548	8.69	0.687	9.16	10.06	16.67	275.00	0.950	5
19531-2528	B 454	97851	7.91	0.175	8.71	8.87	11.22	44.50	0.193	4
19553-0644	STF2597AB	98038	6.49	1.030	6.94	7.98	12.22	425.00	1.085	4
19598-0957	HO 276	98416	5.87	1.240	6.22	7.83	45.04	4.90	0.150	2
20012-3835	HDO 294	98556	7.70	0.679	8.08	9.11	14.60	4484.50	4.916	5
20081-3929	RST2134	99185	9.81	0.000	10.49	10.90	7.34	98.00	0.163	4
20202-3435	I 1416	100266	6.62	0.614	7.09	8.19	16.08	18.60	0.152	4
20239-4225	BU 763AB	100591	5.64	0.875	5.93	7.25	10.47	700.00	2.032	5
20267-4334	I 1420	100836	8.60	0.189	9.38	9.61	21.96	81.50	0.457	4
20289-1749	SHJ 323AB	101027	4.77	2.036	4.97	6.88	33.04	278.00	1.877	5
20347-6319	HU 1615	101543	7.34	0.267	8.07	8.21	5.44	240.00	0.298	5
20374+7536	HEI 7	101750	7.46	2.473	7.68	10.48	36.25	31.00	0.485	4
20396+0458	KUI 99AB	101955	7.88	1.170	8.28	9.63	59.80	39.00	0.850	3
20507-3116	B 997	102892	8.30	0.925	8.66	10.10	10.90	61.90	0.185	4
20527+4607	A 750	103055	8.65	0.914	9.11	10.26	18.97	31.10	0.237	4

Table 1: Continued ...

WDS	Name	HIP	m_t	Δm	m_A	m_B	π [mas]	P [year]	a [sec]	G
20550+2805	BU 367AB	103247	7.80	0.451	8.31	9.00	16.10	99.99	0.407	2
20591-1313	HU 83	103574	8.57	0.088	9.38	9.41	4.25	200.00	0.236	5
21001+0731	KUI 102	103652	5.98	1.534	6.23	8.13	13.19	58.72	0.290	2
21000+4004	KUI 103	103655	10.12	2.113	10.49	12.40	65.40	29.50	0.691	4
21028+4551	BU 1138AB	103871	6.50	0.000	7.20	7.40	2.50	314.09	0.260	4
21114-5220	HU 1626	104604	6.98	1.349	7.27	8.82	20.65	167.00	0.894	5
21135+1559	HU 767	104771	6.27	0.068	7.05	7.13	11.41	34.33	0.190	2
21147-0050	A 883AB	104878	7.43	0.170	7.46	8.30	3.22	81.11	0.167	2
21198-2621	BU 271AB	105312	6.56	3.033	6.73	9.76	55.65	261.61	3.010	5
21273-3218	B 1007	105940	9.03	0.233	9.70	9.90	3.84	117.00	0.176	5
21329+4959	CHR 102	106393	5.77	0.200	6.40	6.62	6.62	9.68	0.055	3
21355+2427	HU 371	106605	6.22	0.271	6.83	7.27	5.06	178.60	0.272	4
21410+2920	STT 448	107060	8.30	0.751	8.93	9.17	9.62	264.00	0.520	4
21424+4105	KUI 108	107162	5.73	0.221	6.33	6.72	7.91	26.49	0.153	2
21466-5742	FIN 283	107522	8.77	0.083	9.57	9.68	53.68	12.46	0.324	3
21477-3054	FIN 330AB	107608	5.02		5.80	5.80	10.16	20.75	0.096	3
21536-1019	FIN 358	108058	6.57	1.023	6.71	8.66	2.65	50.11	0.089	3
21551-3148	I 1449	108184	9.26	0.100	10.03	10.27	12.70	106.70	0.239	5
22052+2952	A 893	109018	8.72	0.000	9.10	10.37	7.77	119.64	0.290	5
22180-6249	I 20	110088	6.98	0.545	7.36	8.42	8.21	982.79	1.157	5
22241-0450	BU 172AB	110578	5.79	0.152	6.45	6.63	8.04	148.90	0.406	2
22280+5742	KR 60AB	110893	9.59	1.500	9.93	11.41	249.94	44.67	2.383	2
22281+1215	BU 701AB	110900	7.10	2.344	7.34	9.62	15.06	554.46	1.400	5
22342-1841	HU 389	111406	8.65	0.050	9.90	9.24	8.40	158.00	0.293	5
22408-0333	KUI 114	111965	6.32	0.795	6.52	8.63	28.93	54.20	0.360	3
22408-0333	KUI 114	111965	6.32	0.795	6.52	8.63	28.93	28.00	0.230	2
22409+1433	HO 296AB	111974	5.72	0.630	6.14	7.22	29.59	20.83	0.287	1
22455+1112	BU 711	112354	9.81	1.467	10.25	11.43	24.03	281.30	2.071	5
22586-4531	HU 1335	113454	7.67	0.345	8.03	9.24	21.83	43.50	0.329	3
23026+4245	BU 1147AB	113788	5.09	2.223	5.19	7.70	7.74	74.00	0.225	3
23078+6338	HU 994	114212	6.25	0.100	6.87	7.16	2.44	88.30	0.356	3
23209+1643	HEI 88	115279	8.50	0.693	9.05	9.84	12.87	38.00	0.187	4
23218-1217	HU 95	115346	9.78	0.700	10.26	11.40	12.02	257.20	0.500	5
23227-1502	HU 295	115404	5.19	0.730	5.59	6.72	15.30	64.62	0.408	2
23241+5732	STT 495	115529	6.79	0.195	7.49	7.76	3.34	300.00	0.296	4
23317+1956	WIR 1AB	116132	10.05	2.143	10.52	12.40	161.76	359.00	6.870	5
23357-2729	SEE 492	116436	6.66	1.554	6.84	9.18	25.97	78.50	0.565	4
23375+4426	STT 500AB	116582	5.81	0.868	6.08	7.38	4.04	351.22	0.410	4
23524+7533	BU 996AB	117712	6.36	5.550	6.60	11.50	91.82	290.00	4.140	5
23586-1408	RST4136AB	118205	7.22	0.000	7.73	8.54	8.49	54.83	0.191	3