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Orbital elements of double stars: ADS 363 and ADS 12447

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INTERNATIONAL ASTRONOMICAL UNION COMMISSION 26

(DOUBLE STARS)

INFORMATION CIRCULAR No. 185 (FEBRUARY 2015)

NEW ORBITS

ADS α 2000 δ	Name n	P a	T i	e ω	Ω (2000) Last ob.	2015 2016	Author(s)
32 00047+3416	STF 3056 AB 0°6606	545 ^y 0''623	2142.0 99°4	0.670 119°6	136°4 2009.8	141°9 0''709 141.9 0.708	ZIRM
147 00118+2825	BU 255 1.4694	245. 0.661	2067.2 116.0	0.960 265.4	166.1 2008.8	66.3 0.445 65.9 0.442	ZIRM
285 00209+3259	AC 1 0.6857	525. 1.234	1820.1 84.0	0.600 26.8	107.5 2012.1	288.7 1.839 288.8 1.841	ZIRM
363 00271-0753	A 431 AB 6.7214	53.56 0.364	2003.58 109.0	0.644 293.0	25.5 2013.573	329.5 0.172 321.9 0.168	SCARDIA et al. (*)
1081 01198-0031	STF 113 A-BC 0.5538	650. 1.324	1686.0 43.5	0.640 106.7	87.2 2013.9	20.4 1.637 20.6 1.638	ZIRM
- 02366+1227	MCA 7 94.737	3.800 0.077	2010.280 112.7	0.017 3.7	145.0 2010.718	47.8 0.030 322.9 0.078	DOCOBO et al. (**)
- 02434-6643	FIN 333 4.300	83.73 0.509	1998.06 90.0	0.423 269.2	34.1 2013.737	34.1 0.462 34.1 0.457	DOCOBO et al. (**)
2524 03244-1539	A 2909 31.732	11.345 0.172	2013.744 71.3	0.507 283.0	16.2 2013.737 3	23.1 0.129 38.4 0.125	DOCOBO et al. (**)
2117 02471+3533	BU 9AB 0.5844	616. 1.882	1952.0 67.3	0.100 21.5	174.0 2009.1	214.8 0.937 215.7 0.926	ZIRM
2452 03196+6714	HU 1056 0.5970	603. 1.386	2010.2 99.2	0.180 15.4	83.3 2012.8	80.1 1.073 79.9 1.067	ZIRM
2628 03356+3141	BU 533 AB 0.7775	463. 0.992	1776.6 94.8	0.110 15.3	42.7 2012.2	221.0 1.037 221.0 1.033	ZIRM

NEW ORBITS (continuation)

ADS α 2000 δ	Name n	P a	T i	e ω	Ω (2000) Last ob.	2015 2016	Author(s)
- 03520+0632	KU I15 AB 0.4133	871. 0.925	1909.3 96.1	0.660 73.7	28.6 2012.1	206.6 0.790 206.6 0.793	ZIRM
3430 04460-0659	BU 186 0.4934	729.6 1.53	1999.78 55.6	0.806 150.2	178.1 2012.8986	34.3 0.366 37.1 0.369	RICA
3072 04139+0916	BU 547 AB 0.7516	479. 1.053	1816.6 128.6	0.910 263.0	52.9 2009.1	339.5 1.263 339.4 1.263	ZIRM
4390 05480+0627	STF 795 0.3158	1140. 1.237	2187.6 61.0	0.580 340.7	19.6 2012.4	219.7 1.026 219.9 1.020	ZIRM
6263 07401+0514	STF 1126 AB 0.4787	752. 1.054	2254.0 55.4	0.330 208.7	124.4 2012.2	176.4 0.840 176.8 0.836	ZIRM
7039 08507+1800	A 2473 3.175	113.4 0.979	2018.01 80.2	0.972 89.0	115.0 2009.265	94.6 0.195 98.2 0.171	DOCOBO et al. (**)
- 09128-6055	HDO 207 0.900	400.0 0.548	1960.7 76.4	0.538 149.0	43.7 2013.238	77.2 0.134 74.2 0.132	DOCOBO et al. (**)
8332 11532-1540	A 2579 1.524	236.3 0.321	1897.68 147.9	0.287 160.6	17.8 2010.266	35.0 0.406 34.3 0.407	DOCOBO et al. (**)
8405 12042+2407	A 682 0.9474	380.0 0.389	1999.48 116.5	0.270 276.5	143.5 2013.033	178.2 0.191 176.6 0.196	RICA
8708 12564-0057	STT 256 0.5950	605. 1.549	1749.7 75.0	0.900 108.1	143.6 2013.3	100.4 1.061 100.5 1.064	ZIRM
8801 13099-0532	MCA 38 Aa.Ab 0.5180	695. 1.243	1935.3 74.7	0.720 124.8	126.8 2009.3	351.7 0.406 352.6 0.404	ZIRM
8988 13400+3759	HU 897 0.6780	531. 0.476	2076.2 33.9	0.360 41.4	88.0 2008.3	55.1 0.365 56.0 0.364	ZIRM
- 13535-3540	HWE 28 AB 0.9652	373.0 1.519	1958.57 74.2	0.775 90.7	112.3 2011.0401	314.6 1.008 315.0 1.009	DOCOBO & LING
9254 14247-1140	STF 1837 0.1946	1850. 2.712	2083.5 115.7	0.700 239.0	82.7 2006.3	271.5 1.159 271.2 1.155	ZIRM

NEW ORBITS (continuation)

ADS α 2000 δ	Name n	P a	T i	e ω	Ω (2000) Last ob.	2015 2016	Author(s)
9312 14336+3535	STF 1858A B 0.2057	1750. 4.796	1758.9 85.6	0.900 259.3	30.7 2011.5	37.9 3.029 37.9 3.030	ZIRM
9395 14492-1050	HU 141 2.0702	173.9 0.374	1949.33 57.4	0.890 114.8	6.9 2008.5	309.6 0.411 310.0 0.414	ZIRM
9396 14493-1409	BU 106 AB 0.5863	614. 1.587	1655.0 52.9	0.650 116.5	46.5 2008.1	6.1 1.946 6.3 1.948	ZIRM
- 15185-4753	HJ 4753 AB 0.4663	772. 1.657	2048.0 114.6	0.430 80.9	137.4 2010.3	117.9 0.824 117.2 0.811	ZIRM
9600 15210+2104	HU 146 0.5742	627. 0.839	2174.7 102.8	0.300 84.1	113.3 2010.4	123.7 0.717 123.5 0.719	ZIRM
9628 15246+5413	HU 149 0.4675	770. 0.776	1979.4 96.8	0.170 156.0	90.7 2010.4	270.7 0.652 270.7 0.652	ZIRM
9647 15277+0606	STF 1944 0.3495	1030. 1.131	2089.3 126.6	0.500 294.8	142.6 2010.5	295.2 0.633 294.6 0.626	ZIRM
9834 15550-1923	HU 1274 0.9972	361. 0.576	1974.3 101.7	0.000 0.0	124.4 2009.3	114.5 0.444 114.2 0.438	ZIRM
9880 16009+1316	STT 303 AB 0.2466	1460. 2.214	1475.0 72.9	0.000 0.0	11.0 2012.5	173.6 1.587 173.8 1.593	ZIRM
10659 17366+0723	A 1156 1.8441	195.22 0.281	2000.00 95.5	0.260 156.8	168.3 2009.2659	345.8 0.204 345.5 0.201	DOCOBO & LING
- 17375+2419	CHR 63 17.216	20.911 0.096	2013.189 114.8	0.027 97.9	62.9 2008.467	268.9 0.068 257.2 0.083	DOCOBO et al. (**)
- 17375+2419	CHR63 34.549	10.420 0.127	2005.929 100.6	0.753 259.8	72.4 2008.467	269.4 0.068 253.8 0.053	DOCOBO et al. (**)
10728 17403+6341	STF 2218 0.1690	2130. 3.575	2108.0 133.5	0.790 234.1	85.9 2013.6	309.7 1.446 309.2 1.439	ZIRM
10796 17472+1502	HU 1288 0.4706	765. 0.519	2005.0 64.5	0.160 355.1	159.5 2010.6	160.2 0.436 160.5 0.436	ZIRM

NEW ORBITS (continuation)

ADS α2000δ	Name n	P a	T i	e ω	Ω(2000) Last ob.	2015 2016	Author(s)
11098 18086+1838	HU 314 0.3349	1075. 0.602	1885.7 123.1	0.200 31.7	170.0 2010.6	72.9 0.290 72.1 0.291	ZIRM
12447 19266+2719	STF 2525 AB 0.4077	882.9 1.870	1887.72 150.7	0.958 62.5	155.3 2014.740	289.5 2.163 289.5 2.172	SCARDIA et al. (*)
12623 19346+1808	STT 375 0.5279	682. 0.521	2271.2 24.0	0.200 159.4	177.7 2011.7	187.3 0.602 187.7 0.601	ZIRM
13196 19585+3317	STF 2606 AB 0.7912	455. 1.081	1745.7 82.4	0.690 240.5	127.4 2012.8	146.4 0.675 146.6 0.669	ZIRM
14880 21209+0307	BU 838 0.2813	1280. 2.342	2050.0 40.8	0.200 148.7	12.9 2007.7	154.5 1.661 154.9 1.664	ZIRM
16011 22305+6137	HU 981 0.3854	934. 0.612	1904.6 102.0	0.650 116.9	53.0 2008.8	214.3 0.295 214.0 0.294	ZIRM
- 22408-0333	KUI 114 6.597	54.57 0.367	1969.38 87.5	0.005 12.9	128.9 2012.705	126.3 0.252 126.8 0.280	DOCOBO et al. (**)
16317 22514+6142	STF 2950 AB 0.4478	804. 1.854	2083.5 128.3	0.520 298.1	116.2 2011.9	274.8 1.182 274.2 1.169	ZIRM

(*) SCARDIA, PRIEUR, PANSECCHI, ARGYLE & ZANUTTA

(**) DOCOBO, TAMAZIAN, CAMPO, MALKOV & CHULKOV