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## Orbital elements of double stars: ADS 3711, 5514, 11479, 11584 and 16538

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## INTERNATIONAL ASTRONOMICAL UNION COMMISSION 26

## (DOUBLE STARS)

## INFORMATION CIRCULAR No. 165 (JUNE 2008)

## NEW ORBITS

ADS $\alpha$ 2000 $\delta$	Name n	P a	T i	e $\omega$	$\Omega$ (2000) Last ob.	2008 2009	Author(s)
- 00003-4417	I 1477 0.9373	384 <sup>y</sup> 1 1 <sup>''</sup> 023	2008.2 75°3	0.703 246°5	141°6 2001.8729	350°1 0 <sup>''</sup> 146 0.5 0.117	NOVAKOVIC
- 00106-7313	I 43 AB 0.2198	1637.7 2.762	2187.8 95.6	0.487 13.9	172.8 1996.9008	203.0 0.418 202.2 0.427	NOVAKOVIC
504 00366+5609	A 914 0.2903	1240.2 0.880	2015.1 109.4	0.477 4.4	24.7 2005.0340	25.4 0.461 25.1 0.461	NOVAKOVIC
- 00519-4343	I 47 0.6970	516.5 1.228	1850.7 77.0	0.112 298.2	4.5 2001.8619	25.3 0.703 25.8 0.693	NOVAKOVIC
- 01032+2006	LDS 873 0.6905	521.39 3.366	2079.31 53.2	0.711 81.0	92.5 1999.6637	52.7 2.556 53.2 2.546	RICA
1199 01315+1521	BU 506 0.4233	850.5 1.228	2040.3 58.5	0.469 86.9	32.8 2000.6173	61.5 0.556 62.5 0.547	NOVAKOVIC
1554 01577+4434	A 1526 0.4103	877.5 0.648	1919.6 100.2	0.449 187.4	112.6 1995.9154	194.6 0.088 191.2 0.090	NOVAKOVIC
- 12463-6806	R 207 1.8530	194.28 0.969	1857.50 37.1	0.598 209.0	349.4 2007.373	50.1 0.996 51.3 0.981	RICA
3711 05079+0830	STT 98 1.8233	197.45 1.005	1976.73 142.8	0.175 62.8	88.3 2007.167	303.4 0.856 301.5 0.868	SCARDIA et al. (**)
- 05353-0523	WGT 1 Ca-Cb 32.5497	11.06 0.038	2007.62 108.4	0.855 63.0	58.4 2008.173	238.1 0.017 226.5 0.035	DOCOBO & TAMAZIAN
- 05353-0523	WGT 1 Ca-Cb 32.5203	11.07 0.040	2007.59 107.9	0.865 65.5	60.3 2008.173	237.6 0.019 226.8 0.035	KRAUS

**NEW ORBITS (continuation)**

<b>ADS</b> $\alpha$ <b>2000</b> $\delta$	<b>Name</b> <b>n</b>	<b>P</b> <b>a</b>	<b>T</b> <b>i</b>	<b>e</b> $\omega$	$\Omega$ (2000) <b>Last ob.</b>	<b>2008</b> <b>2009</b>	<b>Author(s)</b>
5514 06531+5927	STF 963 AB 1.1385	316.2 0.614	1961.99 64.7	0.441 170.3	51.0 2008.202	330.7 0.239 333.5 0.244	SCARDIA et al. (**)
6654 08127+2613	A 2471 0.6910	521. 0.788	1994.30 131.6	0.620 28.8	135.1 2004.2035	65.9 0.235 61.9 0.236	LING
6902 08456+8442	A 1078 0.2761	1304. 3.099	1999.61 66.8	0.968 256.2	139.7 2001.0225	150.5 0.466 151.6 0.498	LING
- 16171+5516	CR Dra 89.1089	4.040 0.148	2005.72 119.5	0.170 299.9	63.5 2007.4870	268.5 0.138 225.9 0.125	DOCOBO & TAMAZIAN
- 17366+4827	COU 1922 7.2830	49.43 0.304	2002.27 150.3	0.649 285.6	159.2 2006.5222	116.9 0.246 110.1 0.267	DOCOBO & LING
11479 18355+2336	STT 359 1.6416	219.3 0.425	1929.08 119.9	0.839 197.7	10.0 2006.639	5.3 0.733 5.2 0.735	SCARDIA et al. (**)
11871 18570+3254	BU 648 AB 5.8843	61.18 1.240	1971.82 115.1	0.249 280.3	49.0 2004.659	264.2 0.956 260.3 1.006	DOCOBO & LING
11584 18374+7741	STT 363 0.5608	641.9 0.950	1987.04 78.3	0.890 55.9	159.7 2006.727	340.1 0.427 340.4 0.441	SCARDIA et al. (**)
- 23026+4245	BU 1147 4.8651	74.00 0.225	1870.28 21.7	0.800 356.4	159.5 2003.712	7.7 0.238 10.3 0.223	RICA
16538 23079+7523	STT 489 AB 2.2113	162.8 0.810	1934.57 30.0	0.597 90.0	90.3 2006.869	353.9 1.114 354.7 1.116	SCARDIA et al. (**)

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

## NEW DOUBLE STAR

Discovered by: R. Gili with Lucky imaging at the 76 cm refractor at Nice Observatory.  
(This star was discovered observing COU 1886)

STAR	TYC	Mgn	Coord. 2000	Epoch	$\theta$	$\rho$	nights
GII 1	2461-01112-1	10.3 - 12.4	7 32 08.32 + 33 52 32.3	2008.123	131°4	1''227	2

## NOTES

Others papers on double stars published in 2007

- DOMMANGET, J.: - *Les étoiles doubles spectroscopiques dans l'environnement solaire*. Bulletin de la Classe des Sciences 6<sup>th</sup> Ser XVIII (1-6), 7 (2007)

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The deadline for contributions to Information Circular No. 166 is:

October 15th 2008

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