

Observatorio Astronómico Ramón María Aller

INTERNATIONAL ASTRONOMICAL UNION COMMISSION 26 (DOUBLE STARS)

INFORMATION CIRCULAR No. 131 (FEBRUARY 1997)

NEW ORBITS

ADS RA 2000 DEC	Name n (deg)	P (yr) a (")	T i (deg)	e w (deg)	W(2000) Last ob.	1997 1998	Author
416 00308 N 4732	BU 394 2.5327	142.14 0.689	1992.37 78.0	0.847 2.0	102.1 1991.902	258.6 0.14 263.6 0.19	ZULEVIC
2459 03183 S 0056	AC 2 1.2747	282.42 0.978	2138.23 64.8	0.270 0.0	72.8 1992.95	252.8 1.24 253.1 0.24	POPOVIC & ZIVKOV
4038 05271 N 1758	McA 19 Aa 9.3716	38.41 0.119	1985.82 101.8	0.203 114.0	88.7 1991.902	249.7 0.07 242.9 0.06	OLEVIC & JOVANOVIC
6862 08315 S 1934	I 489 2.4454	147.21 0.428	2021.86 115.9	0.378 226.7	103.4 1993.197	318.5 0.26 315.9 0.27	ZULEVIC
-- 10269 N 1931	COU 292 15.1515	23.76 0.155	2005.26 130.0	0.54 214.0	60.0 1996.347	18.1 0.17 10.9 0.16	COUTEAU
16957 23440 N 2882	AGC 14 0.5713	630.15 1.614	2247.71 60.6	0.112 241.3	172.6 1996.849	264.9 0.87 265.9 0.87	POPOVIC & PAVLOVIC
-- 23506 S 5142	SLR 14 3.0303	118.80 0.813	1977.67 154.5	0.275 197.9	39.9 1996.85	110.6 0.68 107.0 0.70	DOCOBO & LING
-- 23529 S 0313	FIN 359 15.7826	22.81 0.079	1989.05 138.8	0.412 124.6	31.3 1995.923	110.1 0.08 99.8 0.08	DOCOBO & LING
-- 23529 S 0313	FIN 359 15.9619	22.55 0.081	1988.85 134.0	0.387 127.4	36.8 1994.703	109.0 0.08 98.1 0.08	OLEVIC & JOVANOVIC

NEW DOUBLE STAR

Discovered by: D. Dinescu, E. Horch, T. Girard, W. Van Altena (Yale University Observatory, USA), C. Lopez (Felix Aguilar Observatory, Argentina) and O. Franz (Lowell Observatory, USA) using optical speckle interferometry.

STAR	HR	Delta m	Sp	Coord. 2000	1990+	theta	rho
YSJ 1	4143	2 +/- 1	--	103256.9 S 470012	5.1025	99.2	0.420

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- 3) CARQUILLAT, J. M.; GINESTET, N.: "Contribution to the study of F G K M binaries VII. HD 147395 a M giant spectroscopic binary". *Astron. Astrophys. Suppl. Ser.* 117, 445 (1996).
- 4) TEN BRUMMELAAR, T. A. et al: "Differential binary star photometry using adaptative optics system at starfire optical range". *Astron. J.* 112(3), 1180 (1996).
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- 13) McALISTER, H. A. et al: "ICCD Speckle observations of binary stars. XIV A brief survey for duplicity among white dwarf stars". *Astron. J.* 112(3), 1169 (1996).
- 14) MASON, B. D. et al: "Binary stars orbits from speckle interferometry IX. The nearby solar-type speckle-spectroscopic binary Fin 347 Aa". *Astron. J.* 112(1), 276 (1996).
- 15) MASON, B. D.: "ICCD Speckle observations of binary stars. XV An investigation of Lunar occultation systems". *Astron. J.* 112(5),

2260 (1996).

- 16) SINACHOPOULOS, D.; VAN DESSEL, E. L.: "VRI photometry of wide double stars V. Double Stars with mainly K- and M- type primaries". Astron. Astrophys. Suppl. Ser. 119, 483 (1996).
- 17) THOREL, J. C.: "Measures and discoveries of visual double stars made with the 50 cm refractor at the Nice Observatory". Astron. Astrophys. 115, 59 (1996).
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The deadline for contributions to Information Circular No. 132 is:

June 15th 1997

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