

Observatorio Astronómico Ramón María Aller

INTERNATIONAL ASTRONOMICAL UNION COMMISSION 26 (DOUBLE STARS)

INFORMATION CIRCULAR No. 126 (JUNE 1995)

NEW ORBITS

ADS RA 2000	Name DEC	P (yr) n (deg)	T a (")	e i (deg)	W(2000) w (deg)	1995 Last ob.	1996	Author
4603	STT 121	180.18	1952.42	0.779	148.6	223.9 0"29		DOCOBO &
06053 N 7400	1.9980	0"423	117.9	118.8	1991.894	227.7 0.29		PRIETO
5400	STF 948	706.09	2446.21	0.030	141.8	72.7 1.69		POPOVIC &
06463 N 5927	0.5099	1.660	178.0	296.6	1995.138	72.2 1.69		PAVLOVIC
9025	STT 270	389.25	2061.66	0.419	167.8	40.6 2.29		POPOVIC &
13473 N 1727	0.9249	6.350	72.3	7.6	1995.44	42.6 2.22		PAVLOVIC
11339	BU 1203	495.73	2315.02	0.463	17.6	149.4 0.44		POPOVIC &
18261 N 0046	0.7263	0.515	59.3	317.1	1991.393	149.8 0.44		PAVLOVIC

GENERAL INFORMATION

Dr. Bambang Hidayat announces the submission to A.&A. Supl. Ser. of work by Jasinta, Moedji, Raharto and E. Sugartini including photographic observations of 399 visual double stars obtained with the refractor at Bosscha Observatory.

Dr. Goedele Ruymaekers writes that, in collaboration with Dr. O. Nys, he has detected several uncorrected errors in the Information Circular.

C.I. No.	Star	Orbital element	Currently	Should be	
105	A 1808	00463N2205	Omega	322.8	332.8
85	A 1	01374S0716	Omega	24.0	58.9
85	A 1	01374S0716	omega	58.9	24.0
114	Mlr 377	02144N6953	Omega	0.0	180.0
84	A 1303	04519N5318	T	200.74	2000.74
114	Mlr 318	06324N6617	omega	309.0	129.0
94	Phi 297	13090S2345	i	65.6	66.6
109	A2166	13154N1818	Omega	0.0	180.0
95	A 1634	15282N4114	Omega	47.5	227.5
109	McAl 56	19295N5824	Omega	0.0	180.0
93	See 389	19338S2339	Omega	270.0	90.0
94	Beta 368	21021S0838	Omega	12.0	192.0
92	I 1450	21542S5031	Omega	313.5	133.5

Also, in C.I. No. 118 the ephemerides for 1992-1993 should be for 1993-1994.

He also notes discrepancies between the data published in the Information Circular for the stars STR 535, I 1262, I 600 and Phi 328, and the data subsequently published in various journals, and errors in ephemerides and Thiele-Innes elements. He has calculated the following orbital elements from the Thiele-Innes elements originally given:

Star	C.I.	P	T	e	a	i	Omega	omega		
No.							(1900)			
STR 535	04178N1109	85	681.95	2064.60	0.319	1.510	142.97	149.78	302.10	
I 1262	14571S4012	98	108.08	1890.48	0.28	0.203	36.3	6.9	85.9	
I 600	17225S6022	103	611.0	1966.0	0.36	0.494	131.5	121.0	287.0	
Phi 328	20587S2015	119	12.80	1978.455	0.365	0.313	113.95	156.56	218.07	

The deadline for contributions to Information Circular No. 127 is:

October 15th 1995

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