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PHOTOELECTRIC MINIMA OF ECLIPSING BINARIES

W. OGLOZA

Mt. Suhora Observatory, Cracow Pedagogical University, ogloza@astro.as.wsp.krakow.pl

The following table lists the unpublished photoelectric times of minima of several binaries observed at Mt. Suhora Observatory of the Cracow Pedagogical University after 1995. The observations were made using a double channel photometer (Kreiner et al. 1993), attached to the 0.6/7.5 m Cassegrain telescope. They were reduced in a usual way and left in the instrumental system (near to the UBVRI). The times of minima were determined using Kwee and van Woerden (KW) (1956) method or by parabola fitting (PF) or by Kordylewski's tracing paper (TP) (Szafraniec 1948) graphic method. The O–C values were computed using elements given in the General Catalogue of Variable Stars (IV edition) Moscow 1985-87.

Entries in all columns are self-explanatory.

Observers:

AP Agata Piechnik
DM Dragomir Marchev
EM Ewa Mikołajczyk
MK Martyna Kubacka
KK Kinga Klimowicz
SZ Stanisław Zoła
WO Waldemar Ogłóza

Table 1

Star	Filters	HJD 2400000+	Error	O–C	Type	Method	Observer
SS Ari	B,V,R	50671.5356	±0.0002	–0.0371	Sec.	KW	WO
ZZ Aur	B,V,R,I	50423.6777	±0.0003	0.0108	Pri.	KW	AP, WO
	B,V,R,I	50457.3481	±0.0003	0.0131	Pri.	KW	AP, WO
	B,V,R,I	50458.2640	±0.0012	0.0272	Sec.	PF	AP, WO
TU Boo	B,V,R	50515.5518	±0.0004	–0.0763	Sec.	KW	EM, WO
	B,V,R	50516.5242	±0.0020	–0.0768	Sec.	PF	EM, WO
AT Cam	B,V,R,I	50425.5070	±0.0009	–0.0943	Pri.	PF	KK, WO
	B,V,R,I	50426.3090	±0.0008	–0.0900	Sec.	PF	KK, WO

Table 1 (cont.)

Star	Filters	HJD 2400000+	Error	O–C	Type	Method	Observer
RW Com	B,V	50563.4024	± 0.0002	-0.0198	Pri.	KW	MK, WO
	V	50563.5239	± 0.0005	-0.0172	Sec.	KW	MK, WO
CC Com	B,V,R	50157.5214	± 0.0004	-0.0095	Sec.	PF	WO
GO Cyg	B,V,R	50670.5090	± 0.0016	0.0566	Sec.	KW	WO
TW Dra	B,V,R,I	50673.4642	± 0.0002	0.0225	Pri.	KW	WO
UX Her	B,V	50675.4206	± 0.0011	0.0266	Pri.	PF	WO
	B	50627.4058	± 0.0055	0.0261	Pri.	PF	WO
XY Leo	B,V,R	50100.4199	± 0.0002	0.1131	Sec.	KW	SZ
	R	50114.4851	± 0.0002	0.1154	Pri.	KW	SZ
	R	50114.6255	± 0.0001	0.1138	Sec.	KW	SZ
	I	50152.4114	± 0.0002	0.1149	Sec.	KW	SZ
	I	50152.5556	± 0.0003	0.1170	Pri.	KW	SZ
	-	50482.4031	± 0.0003	0.1286	Pri.	KW	SZ
	-	50482.5468	± 0.0003	0.1297	Sec.	KW	SZ
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SW Lyn	-	49680.5153		-0.0153	Pri.	KW	WO
	U,B,V	49736.5496	± 0.0001	-0.0104	Pri.	KW	WO
	-	49762.3115		-0.0112	Pri.	KW	WO
	V	50411.5410	± 0.0015	-0.0005	Pri.	TP	WO
BB Peg	B,V,R	50657.4575	± 0.0002	0.0021	Pri.	KW	WO
	B	50671.3770	± 0.0021	0.0040	Sec.	PF	WO
DI Peg	B,V,R	50672.4811	± 0.0001	-0.0135	Pri.	KW	WO
TX UMa	R	49964.4596	± 0.0011	0.1108	Pri.	KW	SZ
	-	50193.5288	± 0.0002	0.1293	Pri.	KW	SZ
XY UMa	B,V,R,I	50422.6750	± 0.0001	-0.0117	Pri.	KW	DM

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