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PHOTOELECTRIC MINIMA OF SOME ECLIPSING BINARY STARS

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We present 17 photoelectric minima of 7 eclipsing binary stars which were observed during several seasons. All observations were obtained with the 30-cm Maksutov telescope at the Ankara University Observatory. Differential observations were secured by using an EMI 9789QB photomultiplier before 29 September 1991 (HJD 2448528.5) and an OPTEC SSP-5A photometer head which contains a side on R-1414 Hamamatsu photomultiplier after that date. The filters used are in close accordance with standard ones of Johnson's system. Differential extinction and heliocentric corrections were applied to all observations. All minima times were computed using the method of Kwee and van Woerden (1956). Weighted average values of times of minima of these stars are given in Table 1, together with their mean errors, minimum types, filters and observers.

Table 1: Times of minima of observed systems

System	Min HJD 2400000 +	Mean error	Min type	Filter	Observer (*)
WY Cnc	51618.33493	0.00060	I	BV	Al
	51632.43418	0.00046	I	BV	Al
BO CVn	47673.4643	0.0022	II	BV	Gr
	47709.4180	0.0010	I	BV	Kh
	48036.4588	0.0015	I	BV	Sl
	48065.4322	0.0011	I	BV	Ör
	48071.3841	0.0017	II	BV	Ör
	48341.4974	0.0023	II	BV	Öd
	48383.4256	0.0026	II	BV	Ek
	48419.3795	0.0024	I	BV	Sl
CG Cyg	51732.41320	0.00009	I	UBV	Al
KR Cyg	50676.03710	0.00090	I	UBV	My
WZ Cyg	49917.47197	0.00044	I	UBV	My
	49938.51030	0.00028	I	UBV	My
AK Her	51728.46203	0.00017	I	UBV	Öd
UV Psc	50003.43973	0.00130	II	UBV	My
	50007.31118	0.00048	I	BV	My

(*) Al: B. Albayrak Ek: F. Ekmekçi Kh: G. Kahraman Gr: B. Gürol
My: Z. Müyesseroğlu Öd: S. Özdemir Ör: F.F. Özeren Sl: S. O. Selam

Reference:

Kwee, K. K. & van Woerden, H., 1956, *Bull. Astron. Inst. Neth.*, **12**, 327

ERRATUM FOR IBVS 4941

In IBVS 4941 a minimum time (2448383.4256) of BO CVn is wrong. The correct value is 2448383.4156.

Berahitdin ALBAYRAK