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PHOTOELECTRIC MINIMA OF SOME ECLIPSING BINARY STARS

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Observatory and telescope:	
30-cm Maksutov telescope of the Ankara University Observatory	
Detector:	OPTEC SSP-5A photoelectric photometer (uncooled) containing a side-on R1414 Hamamatsu photomultiplier.
Method of data reduction:	
Reduction of the observations were made in the usual way (Hardie, 1962).	

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
BX And	53323.3856	0.0004	I	UBV	Ylk-Mh
V376 And	53314.3346	0.0005	I	UBV	Trh-U1
	53315.5360	0.0006	II	UBV	Tpr-Öy
AH Aur	53410.2834	0.0002	I	BV	Özg-Kh
	53417.4468	0.0003	II	BV	Alp-U1
AP Aur	53357.5220	0.0002	I	BV	Bş-Krc
AR Aur	53301.4462	0.0003	II	BV	Cv-Pk
	53303.5133	0.0001	I	BV	Km-Ak
V410 Aur	53345.5570	0.0003	II	BV	Çn-Ev
CK Boo	53494.4546	0.0007	I	BV	Kcz-Çtn
	53495.3439	0.0006	II	BV	Klç-Yld
	53509.3735	0.0002	I	BV	Öz-Klç
TY Boo	53464.4958	0.0006	II	BV	At-Ev
	53501.4419	0.0003	I	BV	Çrk-Çtn
	53529.3498	0.0003	I	BV	Şn-Şh
TZ Boo	53120.5147	0.0005	II	UBV	Elm-Çn
	53128.3863	0.0005	I	BV	Alp-Krc
	53128.5385	0.0006	II	BV	Alp-Çrk
	53146.5148	0.0005	I	BV	Pk-Cv
	53448.4305	0.0002	I	BV	Ylk-Kh
	53501.3236	0.0006	I	BV	Çrk-Çtn
DK Cyg	53605.3969	0.0014	I	BV	Sğ-Özy
	53614.3416	0.0007	I	BV	Klç-Öz

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
GO Cyg	53198.4772	0.0003	II	UBV	Elm-Çn
	53253.3879	0.0003	I	UBV	Özy-Mh
	53271.3315	0.0003	I	UBV	Özy-Sk
	53284.2532	0.0004	I	UBV	Alp-Krc
V477 Cyg	53598.3317	0.0030	I	BV	Er-Sğ
V836 Cyg	53277.2944	0.0003	I	BV	Ok-Tn
V2150 Cyg	53580.3590	0.0009	I	BV	Uğ-Bk
BI CVn	53451.3784	0.0013	I	UBV	Gr-Dğn
BO CVn	53545.3509	0.0004	I	BV	Kb, Ky
LS Del	53302.2526	0.0005	I	UBV	Ky-Bng
	53303.3418	0.0007	I	UBV	Çkr-UI
	53304.2501	0.0006	II	UBV	Dğn-Sğ
	53613.3409	0.0004	I	BV	Kcz-Şh
YY Eri	53310.4827	0.0002	I	UBV	Çn-Şnr
AK Her	53545.4387	0.0003	II	BV	Ky, Kb
HS Her	53601.3902	0.0006	I	BV	Öz-Bk
SW Lac	53280.4472	0.0002	I	UBV	Tpr-Ok
	53290.3892	0.0002	I	UBV	Ylm-Yld
	53298.4072	0.0002	I	UBV	Ak-Kb
	53322.3002	0.0004	II	BV	Tn-Ok
AM Leo	53403.4847	0.0006	II	BV	Elm-Alp
	53411.5311	0.0001	II	UBV	Gr-Şnr
	53442.2609	0.0002	II	UBV	Sp-Tn
	53442.4431	0.0004	I	UBV	Sp-Kb
AP Leo	53453.4048	0.0009	I	BV	Özy-Alt
UV Leo	53096.3212	0.0002	II	UBV	Tr-Ylk
	53102.3214	0.0003	II	UBV	Alp-Krc
	53120.3254	0.0003	II	BV	Er-Ky
	53382.5637	0.0001	II	UBV	Özg-Krc
	53383.4648	0.0003	I	UBV	Bng-Öz
XZ Leo	53379.5708	0.0001	II	UBV	Er-Kb
SW Lyn	53375.5356	0.0001	I	UBV	Elm-Krc
V502 Oph	53500.5220	0.0009	I	BV	Şh-Alt
	53524.3252	0.0004	II	BV	Uğ-Tp
V839 Oph	53512.5330	0.0003	II	BV	Tp-Ky
	53538.5006	0.0001	I	BV	Bş-Mh
DI Peg	53236.4400	0.0001	I	UBV	Öz-Şnr
V357 Peg	53607.4567	0.0003	I	UBV	Klç-Öz
CF Tau	52972.4836	0.0005	II	BV	Trh-Yld
	52979.3728	0.0007	I	BV	Bş-Mh
	53311.4615	0.0007	II	BV	Gr-Şnr
V781 Tau	53380.2863	0.0003	I	BV	Dğn-Alt
AH Vir	53487.3591	0.0002	I	BV	Er-Kb
ER Vul	53571.3715	0.0003	II	BV	Bş-Çkr
	53572.4200	0.0004	I	BV	Trh-Klç
	53573.4642	0.0005	II	BV	Tp-Ky
Z Vul	53184.5456	0.0002	I	BV	Çn-Ev

Explanation of the remarks in the table:

Observers: Ak: O. Aksu, Alp: I. Alpay, Alt: S. Altıntop, At: Ö. Atlagan, Bk: M. Bakırcı, Bş: Ö. Baştürk, Bng: F. Bingöl, Cv: E. Civelek, Çtn: E. Çetin, Çn: D. Çınar, Çrk: C. Çırakoğlu, Çkr: D. Çoker, Dğn: G. Doğan, Elm: A. Elmaslı, Er: İ. Ergün, Ev: B. Evin, Gr: G. Gürkan, Kb: Ö. Kabadayı, Kh: A. S. Kahraman, Ky: F. Kaya, Klç: T. Kılıçoğlu, Krc: M. Kırca, Kcz: S. Kocazeybek, Km: S. Kösemen, Mh: B. Mahmutoğlu, Ok: A. Okan, Öz: İ. Özavcı, Özg: E. Özgür, Öy: Ö. Yılmaz, Özy: D. Özuyar, Pk: E. Peker, Sğ: U. Sağır, Sk: S. Sakallı, Sp: S. Sipahioğlu, Şh: C. R. Şahin, Şn: H. V. Şenavcı, Şnr: H.T. Şener, Tn: T. Tanrıverdi, Tp: S. Topal, Tpr: S. Toprakçı, Tr: E. Törün, Trh: B. Turhanoğlu, Uğ: B. Uğurluoğlu, Ul: C. Uluğ, Ylk: K. Yelkenci, Yld: Y. Yıldırım, Ylm: M. Yılmaz

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