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PHOTOELECTRIC MINIMA OF SOME ECLIPSING BINARY STARS

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Observatory and telescope:
30-cm, 35-cm, 40-cm MEADE LX200 telescopes and 48-cm Cassegrain telescope of the Ege University Observatory

Detector:	SSP-5 photoelectric photometer, high-speed three channel photometer and Alta U47 CCD
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Method of data reduction:
Reduction of the observations were made in the usual way (Hardie, 1962). Reduction of the CCD frames was done with CMunipack programme.

Method of minimum determination:
The minima times were calculated using Kwee & van Woerden's (1956) method.

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
BD And	54702.4229	0.0001	I	BVR	
	54703.3488	0.0002	I	BVR	
	54707.5158	0.0002	I	BVR	
	54709.3668	0.0001	I	BVR	
	54714.4586	0.0002	I	BVR	
	54752.4148	0.0002	I	BVR	
	54753.3401	0.0003	I	BVR	
ET Boo	54177.4445	0.0002	I	UBVR	
	54178.4119	0.0003	II	UBVR	
	54197.4411	0.0002	I	UBVR	
	54198.4076	0.0002	II	UBVR	
	54615.4295	0.0004	I	UBVR	
DK CVn	54168.4007	0.0010	I	BVR	
	54217.4049	0.0005	I	VR	
	54220.3725	0.0003	I	VR	
	54564.3733	0.0008	I	BVR	
	54619.3154	0.0010	I	VR	

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
EG Cep	54643.3409	0.0005	II	BVRI	
	54676.5637	0.0006	II	BVRI	
	54699.4367	0.0005	II	BVRI	
	54714.4119	0.0001	I	BVRI	
	54752.2627	0.0004	II	BVRI	
	54760.4327	0.0003	II	BVRI	
	54776.2253	0.0003	II	BVRI	
	54776.4962	0.0002	I	BVRI	
	54786.2995	0.0002	I	BVRI	
	54787.3890	0.0001	I	BVRI	
KR Cyg	54804.2721	0.0002	I	BVRI	
	53195.3598	0.0006	II	UBVR	
	53585.3955	0.0005	I	UBVR	
	53593.4249	0.0008	II	UBVR	
	53891.3416	0.0007	I	uvby	
	53937.4060	0.0010	II	uvby	
	54682.4095	0.0001	I	BVR	
	54762.2706	0.0005	II	BVR	
	55036.5296	0.0001	I	BVR	
	V346 Cyg	54681.3689	0.0002	I	BVR
XX Leo	54587.3608	0.0009	I	BVR	
	54622.3209	0.0011	I	BVR	
GSC 2038 293	54213.4434	0.0014	I	BVR	
	54219.3903	0.0032	I	BVR	
	54226.3264	0.0014	I	BVR	
	54526.5460	0.0008	I	BVR	
	54587.4837	0.0007	I	BVR	
	54621.4215	0.0019	II	I	
	54651.3956	0.0067	I	BVRI	
	54659.3202	0.0038	I	BVRI	
	54671.4488	0.0097	II	BVRI	
	GSC 4589 2999	54752.2629	0.0003	I	BVRI
54833.3082		0.0073	I	BVRI	
55055.3703		0.0007	II	I	
SAO 67556	54652.3522	0.0004	I	UBVR	
	54667.4148	0.0005	II	UBVR	
	55052.4561	0.0002	I	UBVR	
	55078.2683	0.0004	I	UBVR	

References:

- Hardie, R.H., 1962, in *Astronomical Techniques*, Chicago University Press,
ed. Hiltner, W.A.
- Kwee, K.K., van Woerden, H., 1956, *BAN*, **12**, 327