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PHOTOELECTRIC OBSERVATIONS OF BV DRACONIS

The short period eclipsing binary BV Dra (SAO 166036) has been observed during August and September 1980 as well as during May 1981. The observations have been made using the two-beam, multi-mode, nebular-stellar photometer of the National Observatory of Athens attached to the 48-inch Cassegrain reflector at Kryonerion Astronomical Station. The B and V filters used are in close accordance to the standard ones. From our observations four primary and six secondary minima times have been derived and are represented

Table

Hel. J. D.	O-C	σ	Type of
2444000+	days	days	Min.
473.4512	0.0127	± 0.0003	II
474.3267	0.0130	± 0.0002	I
475.3781	0.0142	± 0.0003	I
476.4283	0.0142	± 0.0003	I
478.3529	0.0135	± 0.0003	II
480.2772	0.0124	± 0.0003	I
480.4531	0.0133	± 0.0004	II
500.4051	0.0125	± 0.0002	II
506.3578	0.0125	± 0.0002	II
752.4579	0.0168	± 0.0006	II

in the following Table. The successive columns give the heliocentric J.D., the residuals O-C, the mean errors σ , and the type of minimum.

The times of minima and the mean errors have been calculated by Kwee and Van Woerden's method (1956) and are the mean values from B and V observations except that at Hel. J.D. 2444480.2772 for which there are observations only in V. The ephemeris used is that of Kukarkin et al. (1969).

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