COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS
Number 2317

Konkoly Observatory
Budapest
20 April 1983
HU ISSN 0374-0676

PHOTOELECTRIC MINIMA TIMES OF THE ECLIPSING BINARY V 508 OPHIUCHI

Photoelectric observations of the eclipsing variable star V 508 Oph were carried out during 1981. The observations were made using the two-beam, multi-mode, nebular-stellar photometer attached to the 48-inch Cassegrain reflector at Kryonerion Astronomical Station of the National Observatory of Athens.

Reduction of the observations was made in the usual way (Hardie, 1962) and the B and V filters used are in close accordance to the standard ones.

From our observations three primary and three secondary minima times have been derived using Kwee and Van Woerden's method (1956). They are given in the following Table, the successive columns of which give: the Hel. J.D., the residuals O-C and the type of minimum. The O-C values were calculated using Kukarkin's et al. (1976) ephemeris formula:

$$\text{Min. Hel. J.D.} = 2428416.339 + 0^{d}.34479163\,E$$

Table

Hel. J.D. 2444000+	O-C days	Min. Type
783.4265	+0.0012	II
784.4623	+0.0026	II
785.3283	+0.0067	I
785.4958	+0.0018	II
786.3623	+0.0063	I
864.2816	+0.0066	I

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