

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

Number 631

Konkoly Observatory  
 Budapest  
 1972 February 21

MINIMA OF ECLIPSING VARIABLES

Some eclipsing variables were observed in order to obtain precise timings of minima. Except for one case, namely AI Dra, all observations were carried out with a photoelectric photometer attached to the 12" Clark-refractor of the University Observatory of Vienna. Measures were made in the yellow spectral region. I am very indebted to Prof. Hermann Haupt, who made the use of this instrument possible.

AI Dra however was observed by a photographic method introduced by K. Schwarzschild in Publ. v. Kuffner'sche Sternwarte, Bd. V. This procedure makes use of extrafocal star images and is considerably more accurate than the usual photographic-photometric methods based on focal exposures. The photographic observations were carried out at Kuffner Observatory. Panchromatic plates were used.

The times of minima were then determined with the aid of Pogson's curve (S. Table, the O-C values are according to the elements in SAC 1969.)

Star	Min. hel 2440000 +	m.e. ±0.0001	O-C	Type of min.	n
SV Cam	528,3615	4	+0.0025	P	81
VW Cep	511,3453	9		S	31
VW Cep	512,3255	10	-0.0114	P	68
VW Cep	544,3294	10	-0.0140	P	49
VW Cep	547,2478	7		S	69
AI Dra	082,4064	8	+0.0095	P	25
SW Lac	542,3457	4		S	58

Mathematisches Institut der Universität

HERBERT MUTHSAM  
 Strudlhofgasse 4  
 A-1090 Wien