

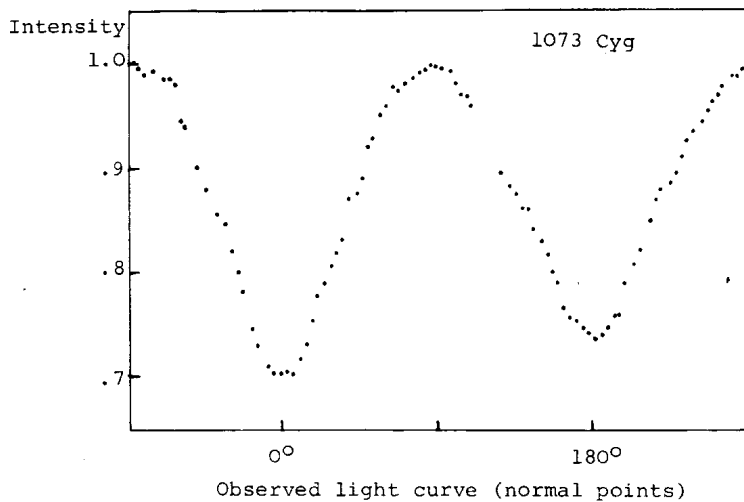
COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS
Number 1116

Konkoly Observatory
Budapest
1976 March 22

PHOTOMETRY OF ECLIPSING BINARY 1073 Cyg

The star 1073 Cyg (BV 342) was first reported as a variable, by W. Strohmeier in 1960. In this binary interaction effects make the light curve difficult to solve. Two independent sets of photoelectric observations were obtained by Y. Kondo (1966, A.J. 71, 54) and by O. Bindinelli, S. Catalano, S. Cristaldi and C. delli Ponti (1967, Publ. Catania, N.S., 113). The solutions adopted by the authors mentioned above are similar.

During September and October 1975, photoelectric observations of 1073 Cyg were made with the 50 cm Cassegrain reflector of the Astrophysical Section of the Bucharest Observatory. The telescope is equipped with an uncooled EMI 6502 B photomultiplier tube. 614 individual points in integral light were obtained. As comparison star, BD 32^o4160 was used.



The list below contains minima of 1073 Cyg with the timings reduced by the tracing paper method; the elements given in GCVS 3 (2nd suppl.) were used for O-C computations.

Min.Hel.	E	O-C	Observer
2442660.4276	5074.5	+0.0010	Al.Dumitrescu
662.3880	5077	-0.0033	Al.Dumitrescu
671.4289	5088.5	+0.0002	R.Dinescu

AL. DUMITRESCU, R. DINESCU
Bucharest Observatory
Astrophysical Section