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OBSERVATIONS OF THE SYMBIOTIC STAR CI Cyg IN 1975

Activity of the symbiotic star CI Cyg in 1971-74 increased considerably as compared with 1900-70 years. (Belyakina, 1974; Tempesti, 1976). In 1975 this star also continued to be active. It was demonstrated by photoelectric observations carried out with 64-cm meniskus telescope of the Crimean Astrophysical Observatory, having an instrumental system close to the UBV system. The star +35°3821 ( $V=10^m.49$ ,  $B-V=+0^m.31$ ,  $U-B=+0^m.13$ ) was used as comparison star.

Our observations in the instrumental system are plotted in Fig.1 (filled circles). Open circles and open triangles correspond to the visual observations of AAVSO (Mattei, 1975 and J. Bortle (1975)). One can see from Fig.1 that the amplitude of CI Cyg in yellow light exceeds  $2^m.5$ , but those of the blue and ultraviolet lights exceed  $3^m.0$ .

In Fig. 2 our observations of 1973-75 carried out in blue light are compared with two photographic composite light curves of CI Cyg having a  $855^d$  period. Open triangles, open circles and the solid line correspond to our observations in 1966, 1973-74 and 1975 (Belyakina 1966, 1974). Filled circles and crosses show two photographic composite light curves according to the estimates of N.K. Greenstein (1937) and D. Hoffleit (1968) (Pucinskas, 1972).

It follows from Fig.2 that the deep minimum of 1975 coincides with that of the composite light curves, being more narrow than the last. It can be supposed this minimum is a display of an eclipse in the binary system.

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