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PHOTOELECTRIC OBSERVATIONS OF CQ Cep

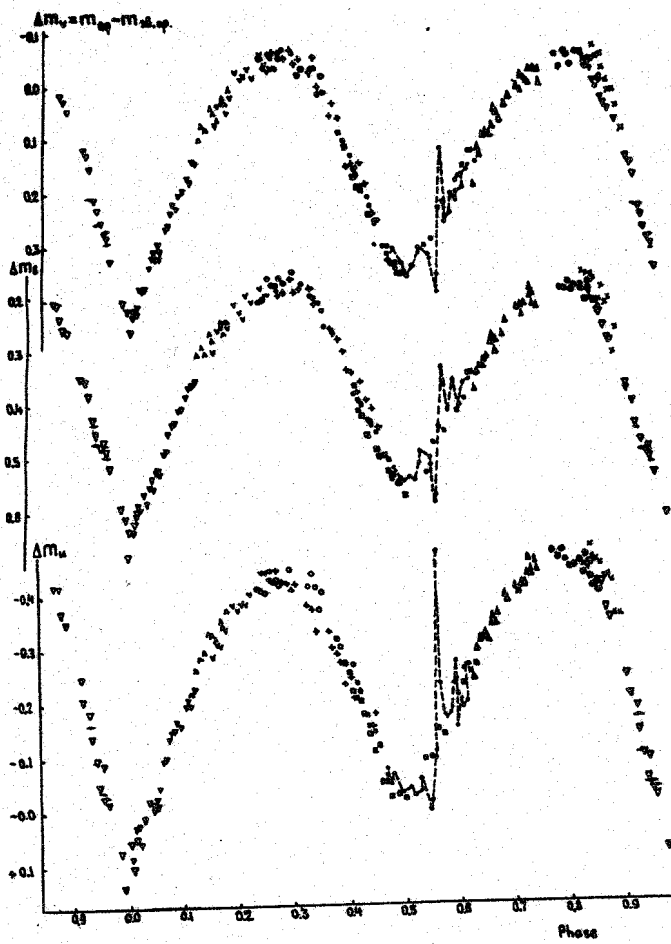
Three-colour photoelectric observations in a system close to U, B, V were obtained on the Wolf-Rayet eclipsing binary CQ Cep during 14 nights in February-May of 1969. The observations were made at the 45-cm reflector of the Ural University Observatory Kourovka, using HD 214259 and HD 214220 as comparison and check stars.

195, 194 and 204 observations were obtained in U, B, V, respectively. Each of these observations consists of two tracings for CQ Cep and two tracings for the comparison star.

The light-curves are plotted on the figure. Observations at different nights are denoted by different markings.

On 28-29th March we have observed some anomalous effect in the phase interval $0^{\text{P}}53-0^{\text{P}}60$ which lasted over 2 hours. A sharp decrease of the brightness of about $0^{\text{M}}1$ was followed by a flash which showed the amplitudes $0^{\text{M}}35$ in U, $0^{\text{M}}13$ in B and $0^{\text{M}}14$ in V.

A detailed account of the observations and their analysis will be given in a paper to be published in "Scientific Notices of the Ural University".



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