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THE LIGHT CURVE OF HD 5303

Photometric data for the RS CVn system HD 5303 have been published by Collier et al. (1981), Rucinski (1983) and Coates et al. (1983). It is of interest to study any changes in the light curve over time, due for example to migration of the distortion wave. We have taken new data in 1982 October, and they are shown in the figure combined with the data of Coates et al. and of Rucinski, which cover the period 1979 October to 1981 October. All the data are plotted using a period of 2.79765 days and the epoch 2444160.52 days, which differ slightly from values published previously.

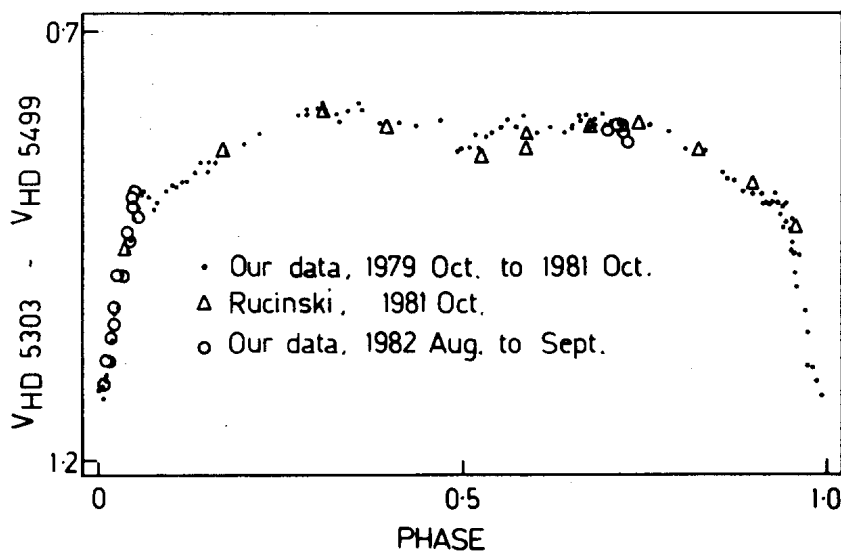


Figure 1

All the data in the figure appear to be reasonably concordant with this period and epoch, so we conclude that from 1979 October to 1982 September there has been no significant change in the light curve of HD 5303.

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