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HD 173198, A  $\beta$  LYRAE TYPE STAR

Photoelectric observations have been made of the star HD 173198 (8.1 mag, B1V). As a comparison star was taken the star AGK -1<sup>o</sup>2247 (8.5 mag, B5). The star HD 173198 is mentioned in volume III of the third edition of Kukarkin's General Catalogue of Variable Stars, with the 1900 coordinates:  $\alpha=18^h39^m02^s$ ;  $\delta=-1^o38'5$ .

The observations were made with the Walraven simultaneous five-colour photometer (Walraven and Walraven, 1960 Bull.Astron. Inst.Netherl.15, 67; Rijn, Tinbergen and Walraven, 1969 Bull. Astron,Inst.Netherl.20, 279) attached to the 90 cm light-collector of the Leiden Southern Station at the SAAO annex in South Africa, from June 16, 1975 to August 10, 1975. The observations will be continued until the second week of September.

A preliminary reduction from the data of 21 nights showed that HD 173198 is a  $\beta$  Lyrae type star, with a period of  $1^d.363 \pm 0.001$  e.e.. The primary minimum is 0.318 mag. deep.

The figure shows the log intensity relative to the comparison star for the Walraven B band (4260 Å). The phases have been computed with the formula:

$$(JD - 2442610.070) \times 1.363^{-1}$$

It is a pleasure to thank Dr. A.M. van Genderen for his advices and for handing me over some observing time.

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