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A NEW BRIGHT ECLIPSING VARIABLE

BV 382 = BD + 70^o 1183 (7.^m2) = HD 205 372 (A0)
Min = JD 242 6497.425 + 0^d483 2075. E
Details in the Bamberg Publications.

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AT HERCULIS

According to GCVS (Moscow 1958) the star has been classified as a variable of RR Lyrae-type with a period of 0^d33. About 350 observations were obtained in blue and yellow colours with a photoelectric photometer attached to our 24-inch reflecting telescope between J.D. 2436999 and 2437148 on 9 nights. Two neighbouring stars were used for comparison. In spite of the fact that our longest continuous series of observations exceeded 40 per cent of the above mentioned period, no definitive light variation could be discovered.

At our request a spectrogram taken with the 48-inch telescope at Haute Provence (France) was kindly placed at our disposal by Mr. F. Spite. The dispersion employed was 80 Å/mm. Based on the relative strengths of spectral lines the star has been classified in the MK system as K0 V, consequently it cannot be referred to the pulsating variable stars. There is no trace of emission in the spectrum.

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