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S 10807 Boo - A NEW RR LYRAE STAR

The variability of the star S 10807 Boo ( $14^{\text{h}}51^{\text{m}}.8 + 15^{\circ}50'$ , 1950.0) has been found by H. Gessner (1978). She assumed that the light variation was probably irregular. After this, the star has been observed by the author photoelectrically in 11 nights during the years 1981 (2 nights) and 1983 (9 nights). Altogether 295 single measurements in the V region could be discussed.

The light curve computed with the elements

$$\text{JD hel Max.} = 2445444.724 + 0.^{\text{d}}.281879 \cdot E$$

shows that the object is an RR Lyrae star of subtype c with an amplitude of 0.6 mag in V.

Further information on the star will be published in "Mitt. Veränderl. Sterne, Sonneberg".

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Reference:

Gessner, H., 1978, Mitt. Veränderl. Sterne 8, 65