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S 10804 Boo - RR LYRAE STAR NOW CONFIRMED

The variability of the star S 10804 Boo ($14^{\text{h}}03^{\text{m}}.6$, $+24^{\circ}48'$, 1950.0) was discovered by Gessner (1978). She suspected that the object was an RR Lyrae star of subtype c.

The star was observed photoelectrically in 9 nights during the years 1984 (4 nights) and 1985 (5 nights) with the Sonneberg 60 cm telescope II. Altogether 333 single measurements in the V region could be discussed. The light curve computed with the elements

$$\text{Max. J.D. hel.} = 244\,5820.400 + 0.553386 \cdot E$$

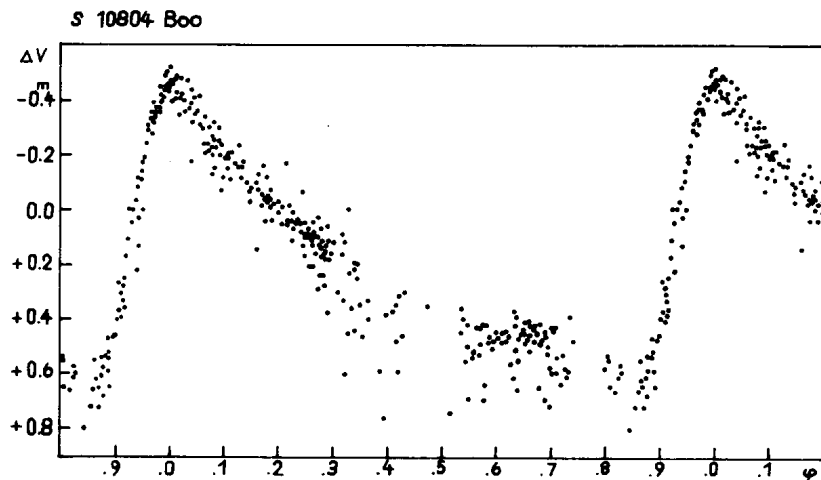


Figure 1

now clearly shows that the object is an RR Lyrae star of subtype ab with an amplitude of about 1.0 mag in V.

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Reference:

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