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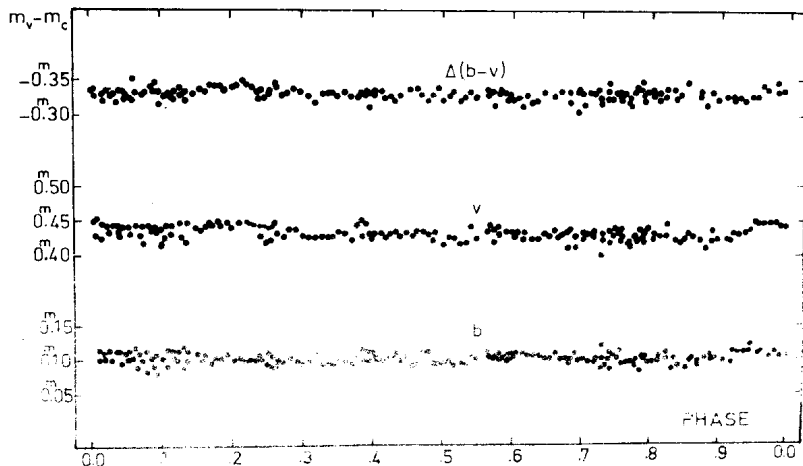
Konkoly Observatory  
Budapest  
1975 July 23

ABOUT THE VARIABILITY OF THE ECLIPSING VARIABLE STAR NQ HERCULIS

The eclipsing variable star NQ Her was observed photoelectrically from May to July in 1972, for 8 nights in blue and yellow light. The observations were made with the 48 cm Cassegrain telescope of Ege University Observatory. The telescope was equipped with an unrefrigerated 1P21 photomultiplier and with the b and v filters which are close to the standard UBV system.

BD+18°3580 (7<sup>m</sup>9, A0) was used as a comparison star. During the observational period the magnitude differences, between the variable and comparison star, did not show any variability either with the period of 0<sup>d</sup>870218 or with the period of 20<sup>d</sup>815. The individual observations are plotted against the phases in Figure 1. The phases were computed with the elements of General Catalogue of Variable Stars (1970):

$$\text{Min} = \text{JD } 24\ 26\ 894.433 + 0.870218 \cdot E$$



The individual blue and yellow observations and colour of NQ Her.

It is clearly seen that there is no any variability in the brightness of NQ Her and our observations confirm the results obtained by Popovici (1971) and Blanco (1971).

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**References:**

Popovici, C. 1971, I.B.V.S. No. 509  
Blanco, C. 1971, ibid No. 571