COMMISSION 27 OF THE I. A. U. INFORMATION BULLETIN ON VARIABLE STARS NUMBER 49

Konkoly Observatory Budapest 24 March 1964

NEW BRIGHT EARLY TYPE ECLIPSING VARIABLE

During the photoelectric measurements of some OB stars in Auriga, the variability of HD 35 652 (BD +34°1051) was detected. The elements are:

Min I = J.D. 243 8448.406 + 1.81150.E,

type EB. The depth in primary minimum is $0^{\rm m}.48$, in secondary $0^{\rm m}.39$ (V magnitudes). In maximum we have V=8m19, B-V=+0m22 and U-B= $-0^{\rm m}.71$. HD Catalogue gives for this star only type B. The star is included in a list of radial velocities of B stars (Petrie and Pearce, Victoria Publ. 12, 1, 1962) as B5nn, with a note that the star may be a double spectrum binary. The colours obtained by us indicate that the type is earlier than B5; a private communication by Petrie supports this. Hence, HD 35 652 is a very interesting case of eclipsing variables.

PAVEL MAYER
Astronomical Institute
Charles University
Prague

RESULTS FROM THE BAMBERG SOUTH-AFRICAN STATION II.

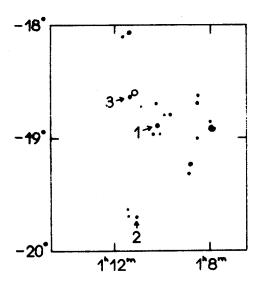
Eclipsing Stars

BV 419 = $CoD - 56^{\circ}$ 6944 (7.5) = HD 159 441 (A3) Min = JD 243 8224.375 + 0.629 66.E EB (with strong secondary minimum) Ampl. 0.6

BV 420 = CoD - 53° 7423 (6^m3) = HD 161 783 (B3) Min = JD 243 8227.333 + 1^d587.E EA (without secondary minimum) Ampl. 0.55

Details in the Bamberg Publications.

Chart for Nova communicated in Inf. Bull. on Var. Stars 47.



- 1. BD -18° 205 8^m3 HD 7717 G5 2. BD -19° 212 9.0 HD 7785 G0 3. BD -18° 206 9.3

Our classification of the star as a Nova was based on its invisibility on all our plates taken at Bamberg since 1932.

> W. STROHMEIER Remeis-Sternwarte Bamberg