

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

NUMBER 175

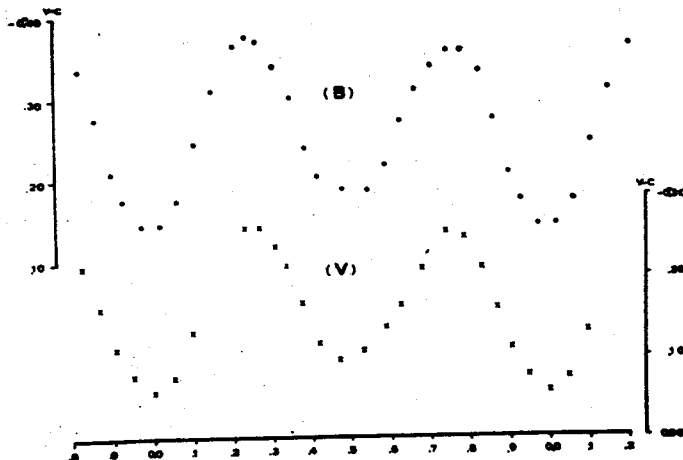
Konkoly Observatory  
Budapest  
3 January 1967

NEW VARIABLE STAR IN EQUULEUS

During photoelectric observations of S Equ, the nearby star BD +5° 4655 (= HD 199464, 9<sup>m</sup>.1, AO) appeared to be variable. Therefore, we began systematic photoelectric observations in two colors (B and V) of this star, using for comparison BD +5° 4656 (= HD 199501, 9<sup>m</sup>.1, AO).

We obtained the preliminary elements:

Primary Min. : JD 2439382.427 + 0.<sup>d</sup>881 E  
Depth of Prim. Min. : 0.<sup>m</sup>20 (V), 0.<sup>m</sup>30 (B)  
Depth of Sec. Min. : 0.<sup>m</sup>16 (V), 0.<sup>m</sup>18 (B)



According to the shape of the light curve (s. Figure) the variable is of the W Ursae Majoris type.

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December 20, 1966

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