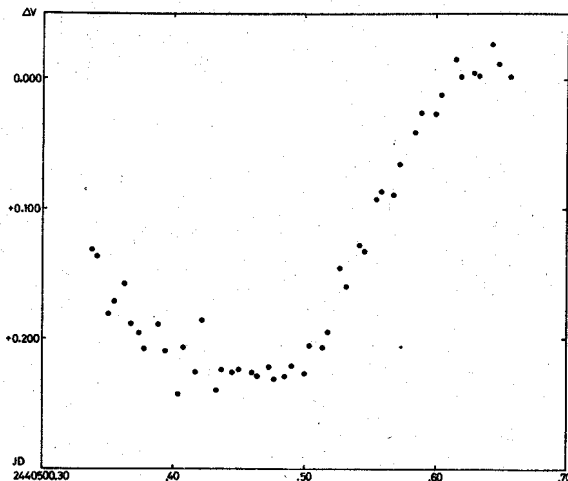


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HD 216711, PROBABLY AN ECLIPSING VARIABLE

Photoelectric measurements were made in a field in Cepheus during September and October 1969 with the 61 cm telescope of the Lund Observatory. HD 216711 was one of the standard stars used. In the night of 1969, October 5-6 (JD 2440500.3 - 2440500.7) the magnitude variation shown in the Figure was recorded. The variation in B-V and U-B is



less than 0.01. HD 216711 is of spectral type B1 V (Jaschek, Conde and de Sierra, 1964) and its magnitude and colours are given by Hiltner (1956) as  $V = 9.05$ ,  $B-V = +0.62$ ,  $U-B = -0.33$ .

The mean error of one measurement is less than 0.02. The star was also observed in the following intervals:

JD 2440478.306 - .628  
2440479.424 - .527  
2440481.292 - .354  
2440482.285 - .619  
2440504.343  
2440506.410 - .598

No variation was recorded in these intervals.

October 1969

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