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ON THE STAR N 98 IN NGC 2360

According to Baker's and Eggen's observations the star N 98 in NGC 2360 is a variable. Eggen (Ap.J., 152, 83) has suggested, that if a variable is regular, its period may be a multiple of about 1 day.

At the request of Dr. Iorgensen, 109 negatives have been obtained with exposure times of 4-5 minutes in V colour (GG14) by means of the Schmidt Camera (360-444 mm, F=630 mm) from December 13, 1968 through March 17, 1969. The cluster stars were used as standards. The mean square error does not exceed 0.05. The star shows small fluctuations of light (0.1-0.2) near 12.80 almost through the whole observational period.

One can hardly make any inference on periodic variations of the star from these data.

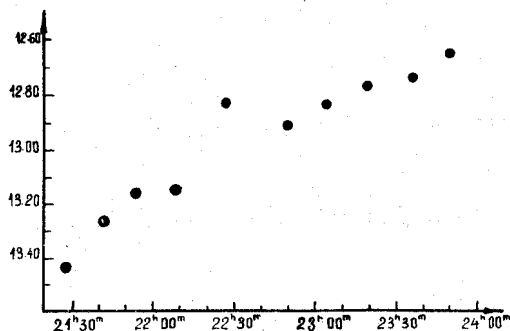


Fig. 1

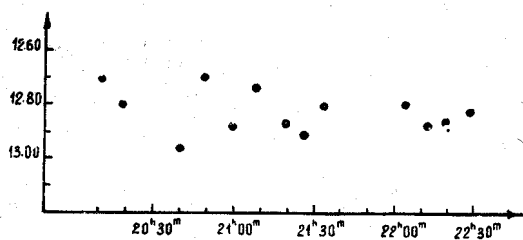


Fig. 2

The behaviour of the variable on December 20-21 and 21-22, 1968 attracts attention. The first night, nearly during 2 hours (U.T = 21^h29^m - 23^h50^m), the variable brightened by 0^m78, the second night (U.T = 22^h31^m - 23^h43^m) the increase of light amounted to 0^m45.

The observations of December 20-21 are given in Fig.1, those of January 17-18 in Fig.2, both covering more than 2 hours of slight fluctuations.

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