

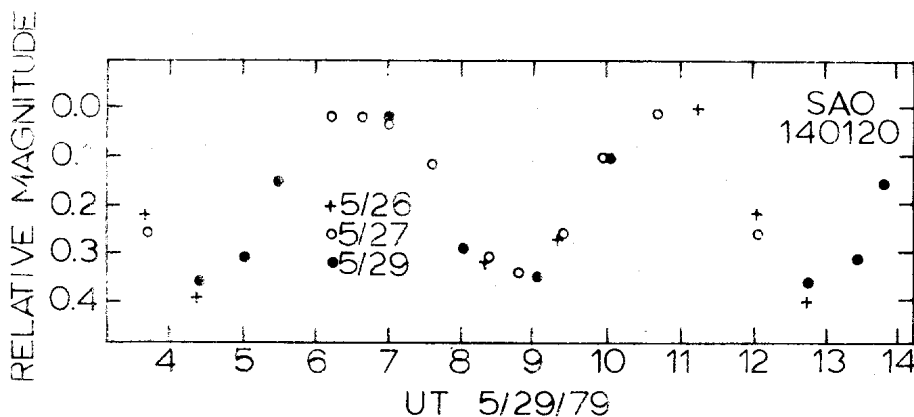
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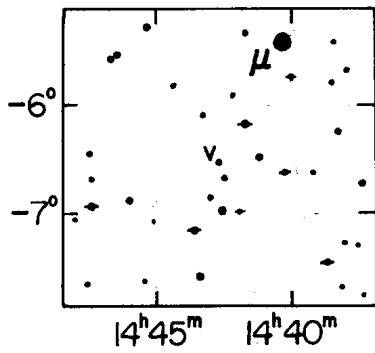
Konkoly Observatory  
Budapest  
1979 October 17

A PROBABLE ECLIPSING VARIABLE IN VIRGO

The star SAO 140120, not previously reported as variable, was observed photoelectrically on 26, 27 and 29 May, 1979 with the 61 cm reflector at the Table Mountain Observatory. A composite lightcurve from those observations is shown in Figure 1. The period derived from the observations is  $8^{\text{h}}20^{\text{m}}$  with an amplitude of  $\sim 0.4$  magnitude. The observations are not corrected for light time.



The star is listed as  $m_V = 7.8$  and spectral class G0 in the SAO catalog. The 1950 coordinates are  $\alpha = 14^{\text{h}}42^{\text{m}}42^{\text{s}}$  and  $\delta = -6^{\circ}31'30''$ . A finding chart including all stars to  $m_V \approx 9.5$  is given in Figure 2, with 1950 coordinates indicated. The 4th magnitude star  $\mu$  Vir. is about  $1^{\circ}$  away from the variable.



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