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

Number 2979

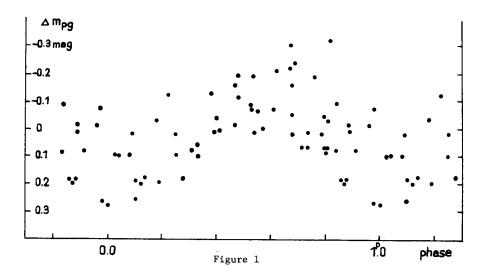
Konkoly Observatory Budapest 3 February 1987 HU ISSN 0374-0676

## POSSIBLE ORBITAL PERIOD OF NOVA VULPECULAE 1984 I (PW VULPECULAE)

In the course of a thorough investigation of the light-curve of PW Vul on 299 plates of Sonneberg Observatory and the Crimean Station of the Sternberg Institute of Moscow a dense series of 61 Sonneberg astrographic plates, taken between 1986 Sep. 30 and Oct. 10, were analysed with respect to periodic variations. After subtraction of the monotonous trend of the normal brightness decline the data were subjected to a period search programme, and the following elements were found:

min.(hel.) = 244 6704.263 + 
$$0.21372.E$$
  
 $\pm 3$  91

The light-curve resulting from folding the data by these elements is given in the figure.



The scatter is not larger than can be normally expected for this sort of photographic observations. Therefore we conclude that the period is probably real, especially since it is in the typical range of orbital periods of novae. Particulars concerning the system of comparison stars and the overall light-curve will be published in Mitt. Veränderl. Sterne,

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