

COMMISSION 27 OF THE I. A. U.  
INFORMATION BULLETIN ON VARIABLE STARS  
NUMBER 751

Konkoly Observatory  
Budapest  
1972 December 30

LIGHT VARIATIONS OF 59 PISCUM

The bright star 59 Psc (HR 214;  $m(V)=6.01^m$ ), reported as a suspected Delta Scuti variable by Michael A. Seeds and Gail A. Yanchak (The Delta Scuti Stars, the Franklin Institute 1972) has been observed in V filter on the nights of October 11 and November 28, 1972, employing 61 Psc (HR 217;  $m(V)=6.45$ ) as comparison star. The light curves are shown in the figure. The curves show a period of very nearly  $0^d.1040$  and light amplitude of  $0^m.04 \pm 0^m.01$ . The following maxima and minima have been observed:

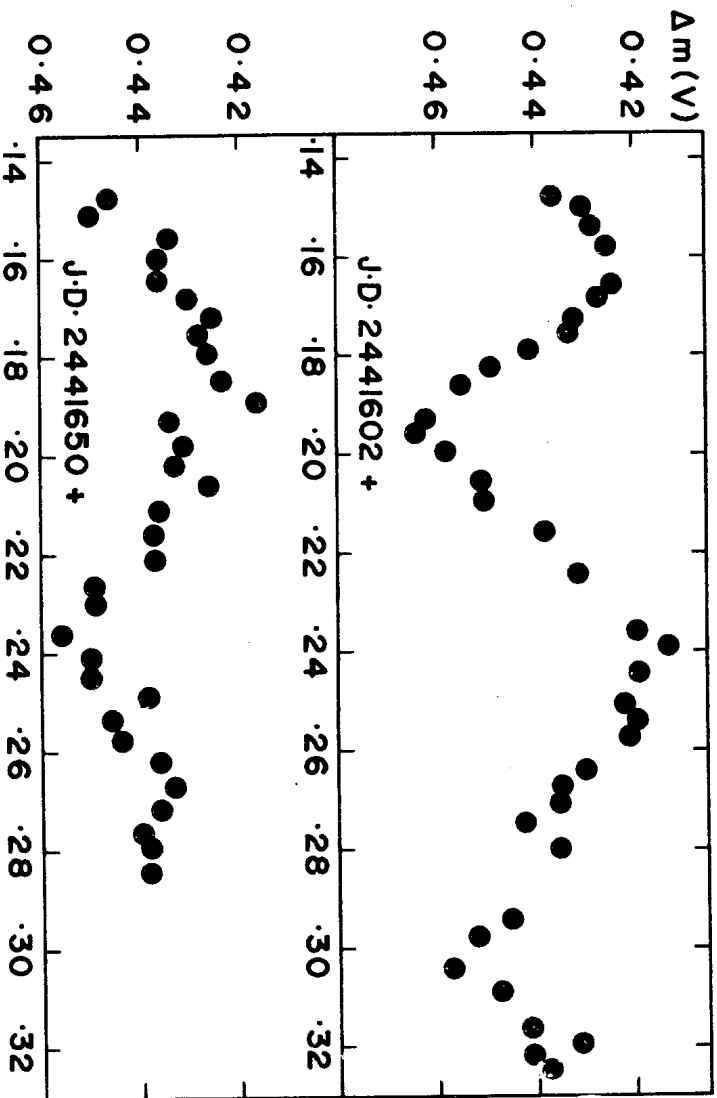
Maxima: J.D.2441602.241    Minima: J.D. 2441602.193  
          J.D.2441650.185                    J.D. 2441650.236

The varying amplitudes of the two light curves suggest the presence of beating. Further investigations are proceeding.

Thanks are due to Dr. S.D. Sinhal for helpful discussions.

Uttar Pradesh State Observatory  
Naini Tal, India

S.K. GUPTA  
A.K. BHATNAGAR



Light curves of 59 Psc through V filter. The ordinates  $m_V$  are the differential instrumental magnitudes in the sense comparison star minus variables.