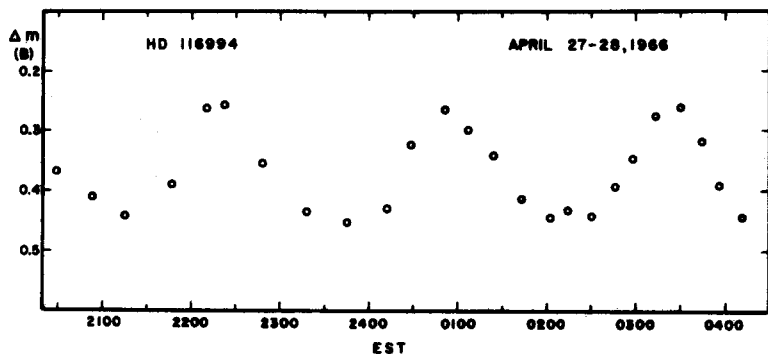


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PHOTOELECTRIC OBSERVATION  
OF HD 116994

On April 27-28, 1966, photoelectric observation (UBV) of HD 116994 (A5)=DM -50° 7794 was made at Cerro Tololo Inter-American Observatory, using the 16-inch reflecting telescope. From the estimates of recorded readings, it is shown to be a variable. Its variation of light in blue (B) is shown in the accompanied figure, where  $\Delta m = m_{\text{var}} - m_{\text{comp}}$ . The comparison star observed was HD 118014 (AO) = DM -52° 7601. No correction was made here for differential extinction. The period is estimated to be 0<sup>d</sup>104. This star is most likely belonging to the group of dwarf cepheids. Detailed reduction and analysis of the observed data are being carried out.



June 27, 1966

KWAN-YU CHEN  
University of Florida  
Gainesville, Florida  
U. S. A.

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