

UBV Observations of BF Aur

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Abstract

UBV observations of BF Aur (BD+41°1051, $m_v = 8.5 \pm 0.8$, Sp.=B5V) have been carried out, using a single channel photon counting photometer attached to 60-cm telescope, at Xinglong station of the Beijing Astronomical Observatory. BD+41°1048 and BD+41°1046 were employed for the comparison and check stars, respectively. A total of 1479 observations were obtained during 6 nights between Jan. 10 and Jan. 17, 1993. The light curves have been analyzed by the method of Wilson and Devinney differential correction. The results were compared with the previous solutions.