XX Cyg ($\alpha=20\text{h}\ 02\text{m}\ 17\text{s}$, $\delta=58\ 48'\ 44''$ (1950), $V=12$ mag, A5) is well known as metal-poor, high-velocity SX Phe star (McNamara & Feltz, 1980). It shows a period of light variation of 0.13486507 d, and an amplitude up to 1 mag (from the General Catalog of Variable Stars). The photometric observation of XX Cyg in different years show the variation of amplitude and period during a long time (Zhou et al., 2002). New observations of XX Cyg were made in 7 nights of October 2001 and were continued in 2002 using the 48 cm reflector at the Astronomical Observatory of Odessa National University. One star ($\alpha=20\text{h}\ 02\text{m}\ 24\text{s}, \delta=58\ 51'\ 43''$) was used as a comparison star and monitored in the frame simultaneously. The CCD photometer was created using a chip ISD015 (520x580 pixels), vacuum housing and thermoelectric (Peltier) cooler. In the observations the $V$ filter of the UBV system was used.
A typical observed light curve of XX Cyg is shown in Figure 1. A preliminary analysis of the light curve shows a total light range of 0.8 mag in the filter V. Possibly, the light curve shows, besides the primary maximum, a small bump of an amplitude of approximately 0.1 mag. The light variation of XX Cyg can be fit with a single pulsation frequency, but an analysis on multiple mode pulsation is being carried out.

References