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GSC 2038_1730: A NEW VARIABLE STAR

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Name of the object:	
GSC 2038_1730	
Equatorial coordinates:	Equinox:
R.A.= 16 ^h 07 ^m 30 ^s .99 DEC.= +27°13'31".2	J2000
Observatory and telescope:	
Beijing Astronomical Observatory, 85-cm Cassegrain telescope	
Detector:	TH7882 CCD, 576 × 384 pixels
Filter(s):	V
Date(s) of the observation(s):	
2000.04.28, 29, 30; 2000.05.06, 07, 10	
Comparison star(s):	GSC 2038_1381
Check star(s):	GSC 2038_1473
Transformed to a standard system:	No
Availability of the data:	
Upon request	
Type of variability:	Unknown
Remarks:	
We made a CCD photometry on the eclipsing binary TW CrB in 2000. For the observations, the star GSC 2038_1730 was employed as one of the reference stars. During the data reduction, we find that it is a variable star with peculiar light curve. The full amplitude of light variations is larger than 1.5 mag. The period and the type of variability remain unknown.	

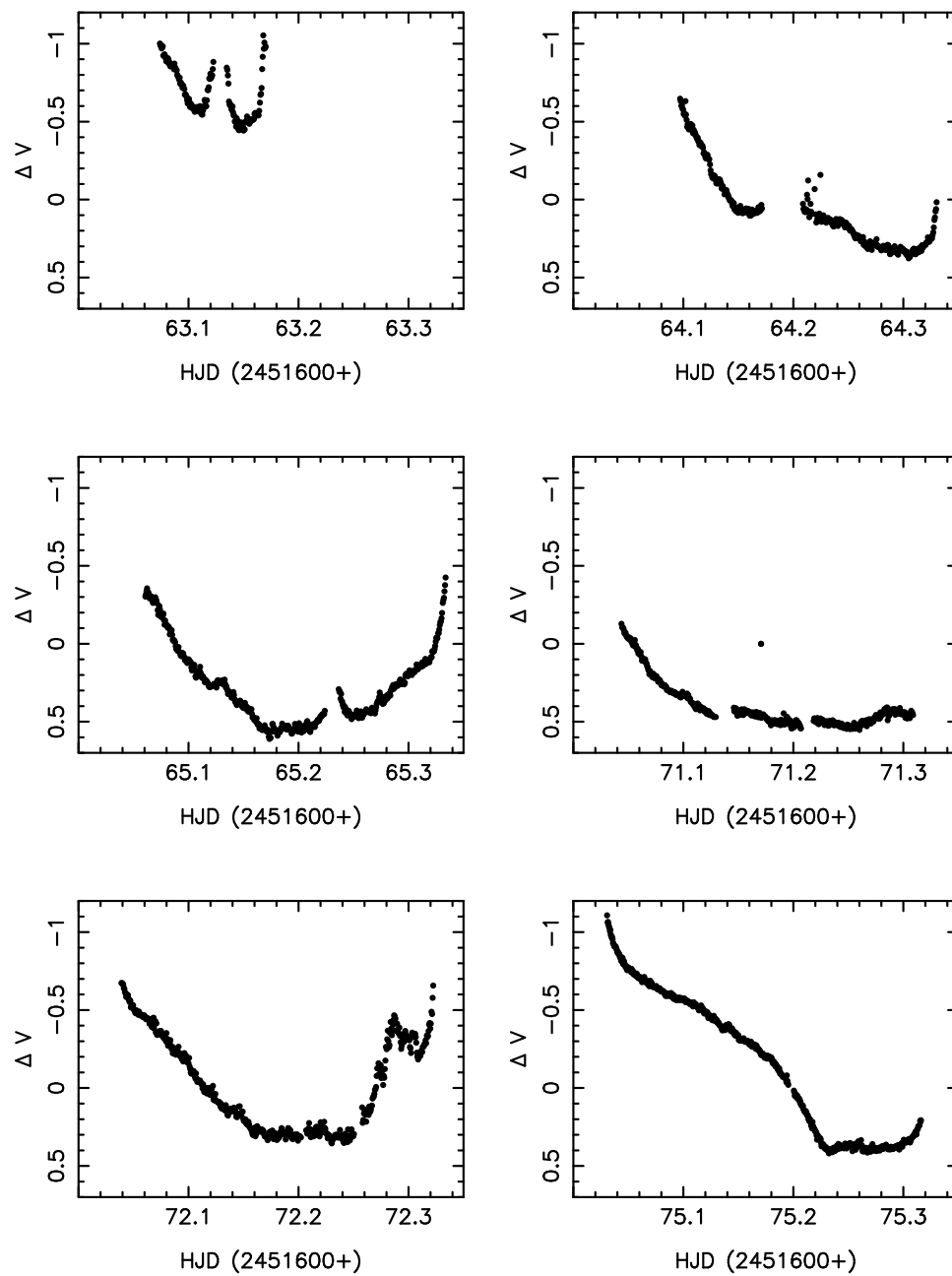


Figure 1. The real-time light curves of GSC 2038_1730