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GSC 729.01321: A NEWLY DISCOVERED VARIABLE STAR

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Name of the object:
GSC 729.01321

Equatorial coordinates:	**Equinox:**
R.A.$= 06^{h}05^{m}35\overset{s}{.}1$ **DEC.**$= +13°58'54''$	J2000.0

Observatory and telescope:
R. Szafraniec Observatory, Metzerlen, Switzerland; 35-cm RC telescope

Detector:	SBIG ST-6 CCD camera

Filter(s):	None

Comparison star(s):	GSC 729.00764

Check star(s):	GSC 729.00592

Transformed to a standard system:	No

Availability of the data:
Upon request

Type of variability:	Unknown

Remarks:

In the course of an ongoing study aimed at securing the light curve and the elements of variation for the eclipsing binary DW Ori, we found the nearby star GSC 729.01321 (GSC magnitude: 13.35) to be variable with an amplitude of at least 0.65 mag. While the observations secured during one night do not show variability above the accuracy of the photometry (0.02 mag), a brightening was found during the interval covering 66 days. This leads us to conclude, that GSC 729.01321 probably belongs to a class of slowly varying stars.

Acknowledgements:

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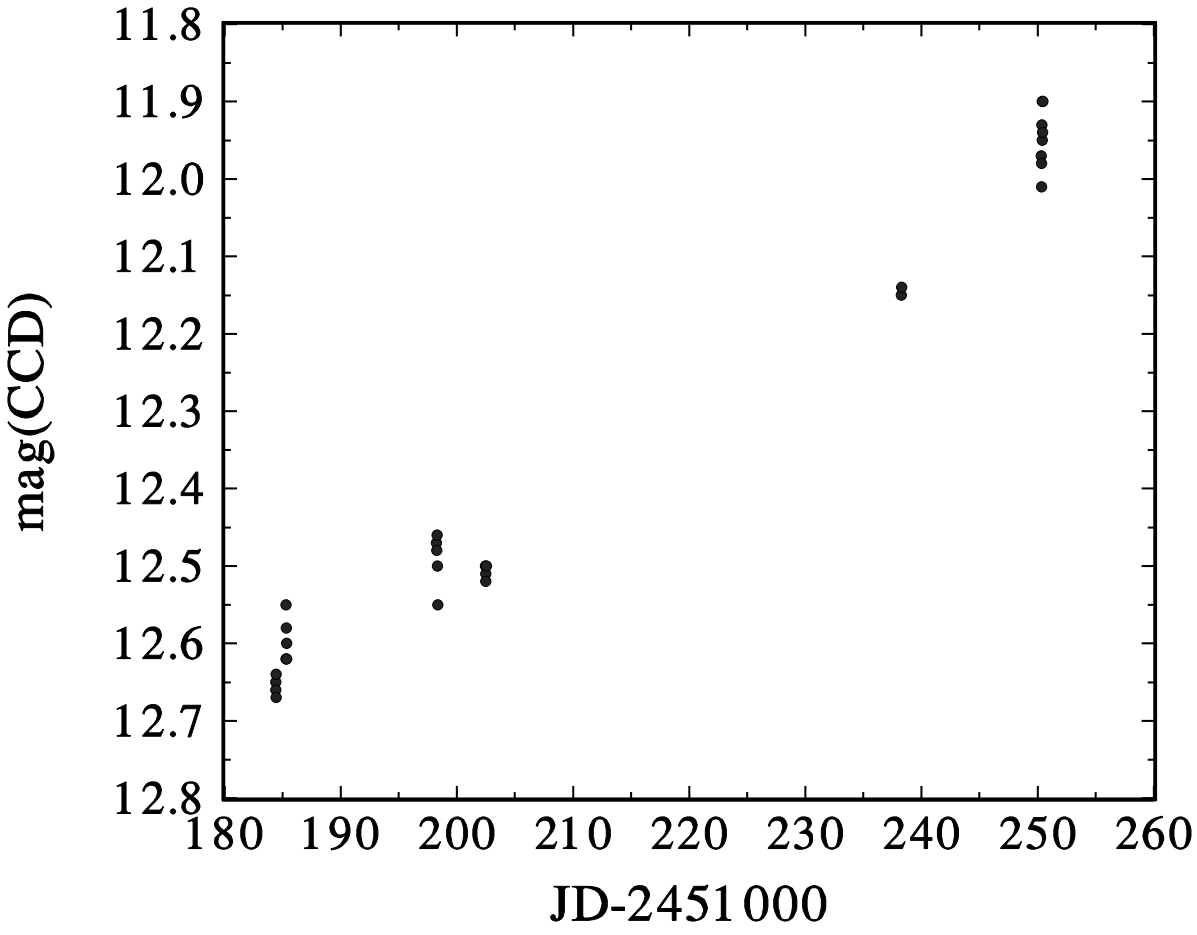

Figure 1. CCD light curve of GSC 729.01321