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**THE FIRST COMPLETE BVRI LIGHT CURVES
OF THE NEAR-CONTACT BINARY V370 Cyg**

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Name of the object:	
V370 Cyg = GSC 02660-02075	
Equatorial coordinates:	Equinox:
R.A. = 19 ^h 43 ^m 38 ^s .1 DEC. = +32°47'35"	2000
Observatory and telescope:	
National Observatory of Athens Kryonerion Station, 1.22 m Cassegrain telescope	
Detector:	PMIS CCD camera, Peltier & water cooled at -40° C, 528 × 528 pixels binned to 264 × 264, 2.5' × 2.5' FOV.
Filter(s):	BVRI
Date(s) of the observation(s):	
2005.07.09, 2005.07.10, 2005.07.11, 2005.07.12, 2005.07.13	
Comparison star(s):	Uncatalogued fainter star 1.5' NNW of the variable
Check star(s):	Uncatalogued fainter star 22" ESE of the variable
Transformed to a standard system:	No
Availability of the data:	
Available upon request	
Type of variability:	EB
Remarks:	
The heights of the two maxima are equal in all bands, i.e. no O'Connell effect is present. The curves are symmetric within the limits of the observational error. The secondary minimum is very shallow and deepens considerably at longer wavelengths, indicating a large temperature difference between the components. V370 Cyg is known to have a spectral type of A0 and a period of 0.77454388 day.	

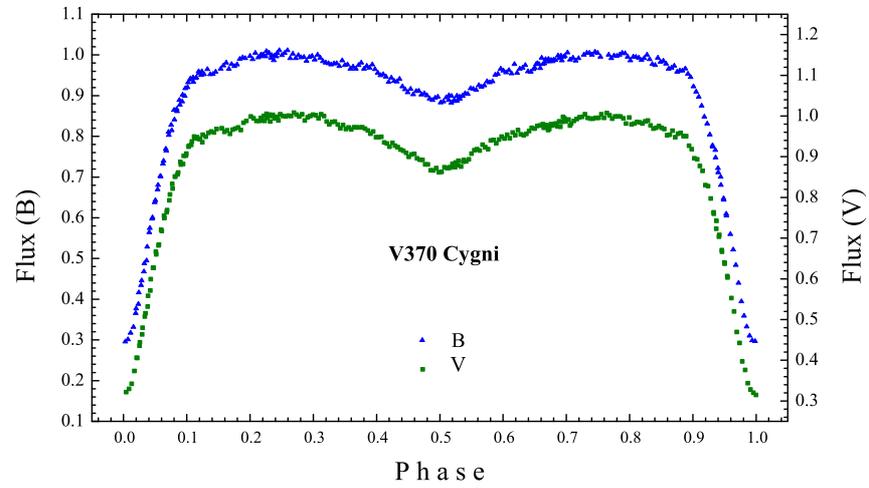


Figure 1. The complete *B* (upper) and *V* (lower) light curves of V370 Cyg. The flux is normalised to the maximum level.

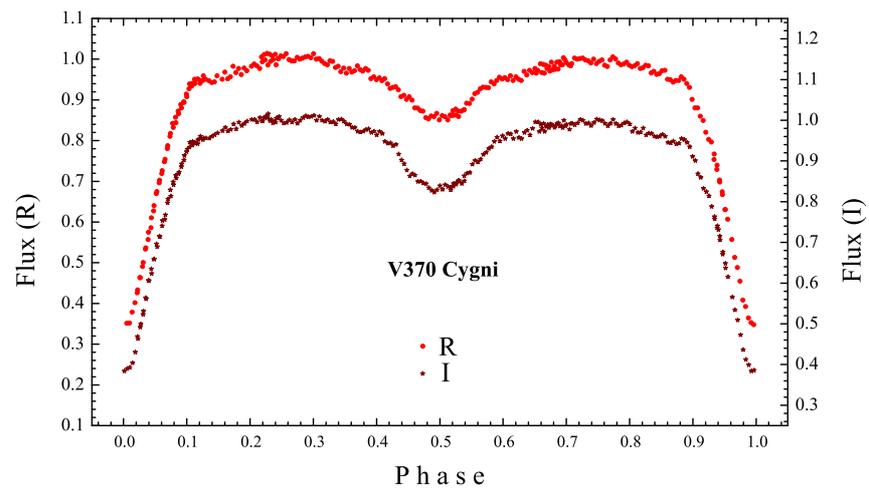


Figure 2. The complete *R* (upper) and *I* (lower) light curves of V370 Cyg. The flux is normalised to the maximum level.

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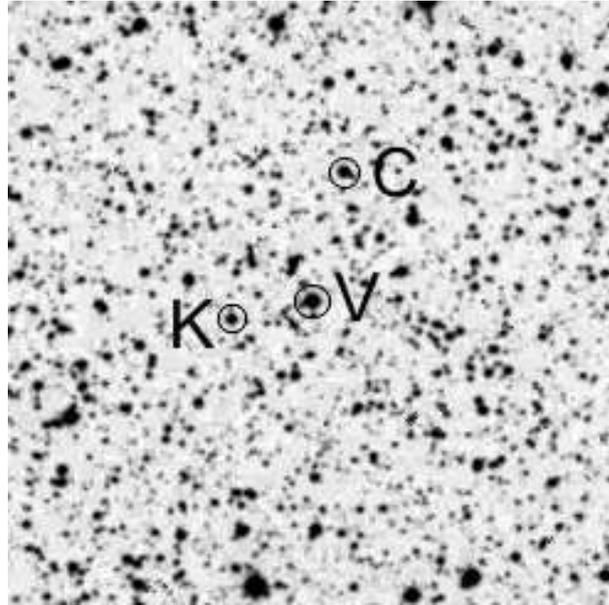


Figure 3. $7' \times 7'$ finding chart with the comparison (C) and check (K) stars marked; V370 Cyg is marked with a V.