

Light Elements of V671 Ori

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Star Name:	V671 Ori, SON 9763, 2MASS 06183973+2102357		
Coordinates (J2000):	06 18 39.73, +21 02 35.8		
Variability type:	EA;	Limits, System:	13.7 - 14.0 (V);
Period:	0.66334 d;	Epoch(min):	JD 2452932.63

Remarks:

V671 Ori was discovered as an Algol-type variable by Hoffmeister (1967). Its orbital period has remained unknown until now. The Optical Monitoring Camera (Mas-Hesse et al., 2003) on board the INTEGRAL spacecraft obtained 620 V-band observations on JD 2452932 - 2453793. These observations are available via the OMC Data Server (Gutierrez et al., 2004; https://sdc.laeff.inta.es/omc/secure/form_busqueda.jsp). We used the Peranso software to determine the orbital period of the eclipsing system. $\text{Min II} = 13.8$.

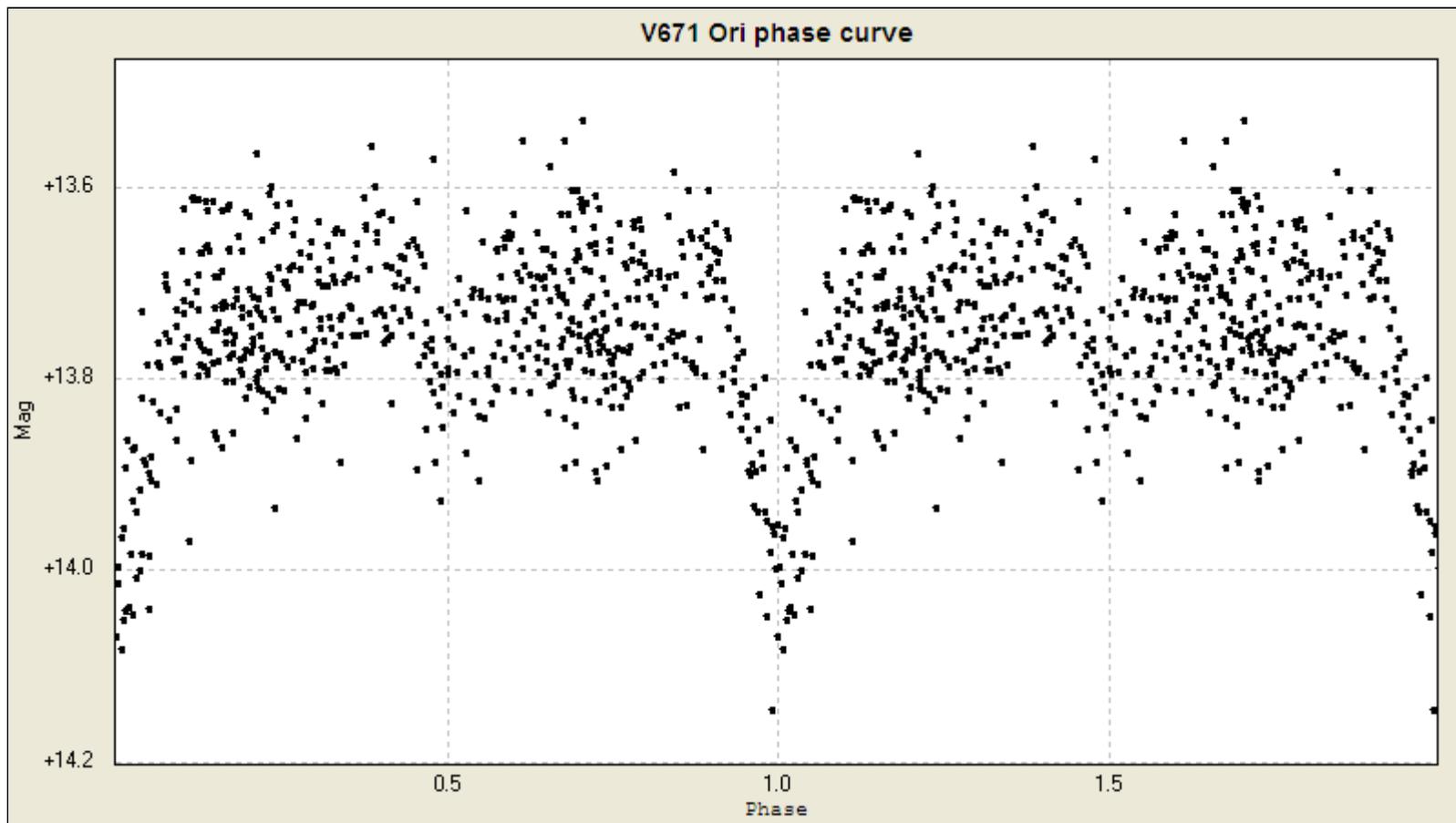
The light elements are: $\text{Min} = \text{HJD}2452932.63 + 0.66334d E$.

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References:

- Gutierrez, R., Solano, E., Domingo, A., Garcia, J., 2004, ASP Conference Series, 314, 153
Hoffmeister, C., 1967, AN, 290, 43
Mas-Hesse, J. M., Gimenez, A., Culhane, J.L., et al., 2003, A&A, 411, L261

Light Curve



Data Source

1. [v671_ori.txt](#)