

Figure 2. from

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Identifiers:

TIC ID: 167811790
 Gaia DR2 ID: 5286739329856117504
 Gaia DR3 ID: 5286739329856117504

Observation:

Sector: 67
 Camera: 4
 CCD: 3

Stellar Properties:

T_{eff} [K]: 5620
 RUWE: 1.2528
 NSS Flag: 0
 TIC Contam. Ratio: 0.0959

Photometry:

G : 13.3373
 G_{BP} : 13.7151
 G_{RP} : 12.7858
 T : 12.8586
 $(G_{\text{BP}} - G_{\text{RP}})_0$: 0.8559
 $M_{G,0}$: 4.8049

Periodogram Peaks:

Peak 1: $P=3.049\text{d}$, $\Phi=0.7968$
 Peak 2: $P=3.609\text{d}$, $\Phi=0.0443$
 Peak 3: $P=2.617\text{d}$, $\Phi=0.0427$
 Peak 4: $P=4.273\text{d}$, $\Phi=0.0330$
 Peak 5: $P=2.195\text{d}$, $\Phi=0.0153$

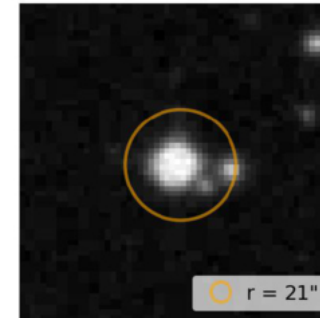
Position & Kinematics:

RA [deg]: 104.8253
 Dec [deg]: -62.8639
 l [deg]: 273.2316
 b [deg]: -23.0707
 μ_{α} [mas/yr]: -8.8698
 μ_{δ} [mas/yr]: 11.4215
 ϖ [mas]: 2.1072

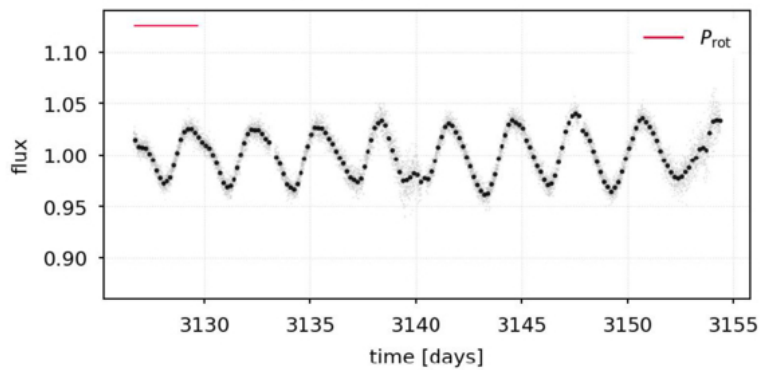
Classifier Scores:

S_{signal} : 1.00
 $S_{\text{systematic}}$: 0.00
 S_{match} : 1.00
 S_{harmonic} : 0.00

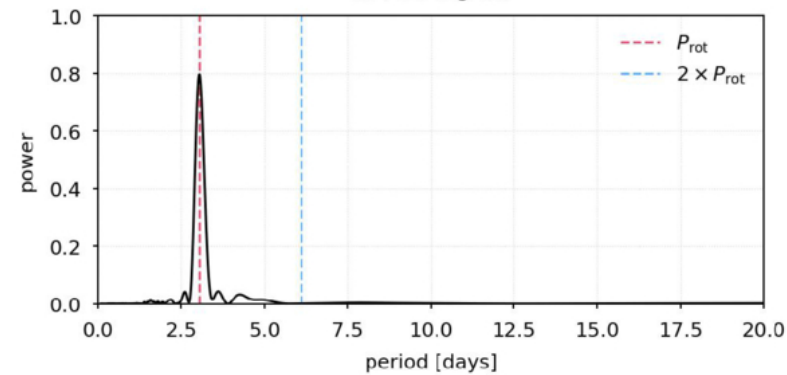
DSS2 Red (1' FoV)



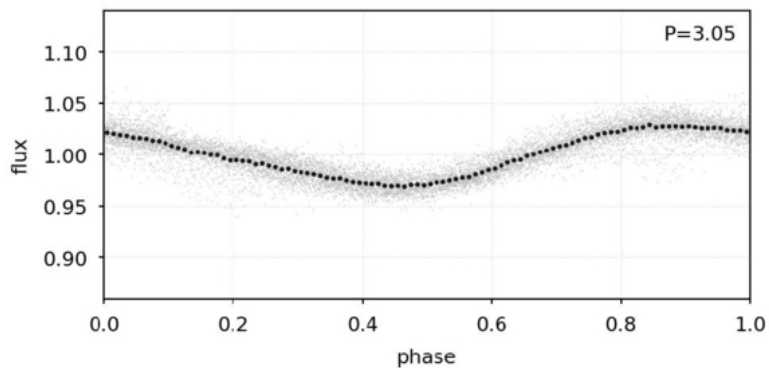
TIC 167811790 flux vs time



LS Periodogram



Phase fold: P_{rot}



Phase fold: $2 \times P_{\text{rot}}$

