



ERRATUM: “ANALYTIC ORBIT PROPAGATION FOR TRANSITING CIRCUMBINARY PLANETS” (2015, ApJ, 802, 94)

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The following changes need to be made to the published article.

- (1) In Equation (38), we need to have $|2K_2/(K_1 - K_3)|$ instead of $2K_2/(K_1 - K_3)$. The corrected equation is

$$e_2^{\max} = e_{2sm}^{\max} + e_{2l}^{\max} = \frac{m_0 m_1}{(m_0 + m_1)^3 M^{\frac{4}{3}} X^{\frac{2}{3}}} \frac{1}{X^{\frac{4}{3}}} \times \left[\frac{3}{2} + \frac{17}{2} e_1^2 + \frac{1}{X} \left(3 + 19e_1 + \frac{21}{8} e_1^2 - \frac{3}{2} e_1^3 \right) \right] + \left| \frac{2K_2}{K_1 - K_3} \right|.$$

- (2) The plots for Kepler-64 in Figure 9 were created using incorrect stellar masses. Here, we present the corrected plots.

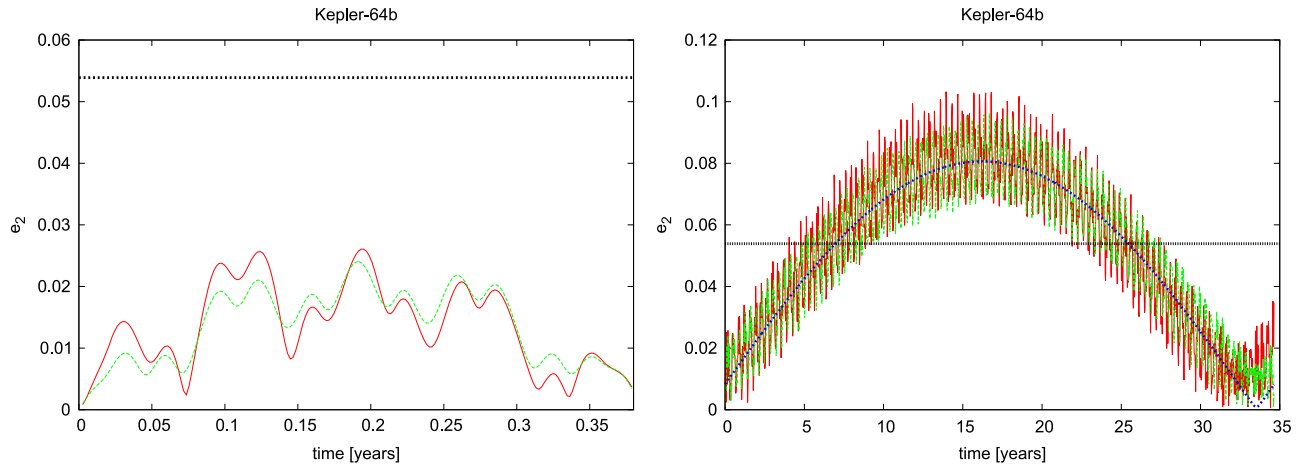


Figure 9. Kepler-64 system.