

ERRATUM: “THE EFFECT OF CONJUNCTIONS ON THE TRANSIT TIMING
 VARIATIONS OF EXOPLANETS” (2014, ApJ, 790, 58)

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There are several typos in the published article. Equation (6) is missing an asterisk indicating that the derivative is taken with respect to the complex conjugate of z_i . The corrected Equation (6) is

$$\frac{dz_i}{dt} = -\frac{2i}{\mu_i n_i a_i^2} \frac{\partial \mathcal{H}_{\text{per}}}{\partial z_i^*} + \mathcal{O}(e). \quad (6)$$

Below, in Equation (10), the relation between the Laplace coefficients $b_{1/2}^{(0)}$ and $b_{1/2}^{(1)}$ and the complete elliptic integrals \mathbf{K} and \mathbf{E} should have a multiplication factor of four (and not two). The corrected relations are

$$b_{1/2}^{(0)}(\alpha) = (4/\pi) \mathbf{K}(\alpha), \quad b_{1/2}^{(1)}(\alpha) = 4 [\mathbf{K}(\alpha) - \mathbf{E}(\alpha)]/(\pi\alpha). \quad (10)$$

Equation (11) is missing α on the right-hand side. The corrected Equation (11) is

$$\delta a_1 = -2\alpha v_1 a_1 \frac{m_2}{M_*} Q(\alpha, \psi). \quad (11)$$

Below, in Equation (13), the total angular momentum conservation equation should have $n_1 a_1$ and $n_2 a_2$ in the numerator, and not in the denominator. The corrected equation is

$$m_1 n_1 a_1 \delta a_1 + m_2 n_2 a_2 \delta a_2 = 0. \quad (13)$$

Equation (27) should have $v_1(3v_1 - v_2)$ in the numerator of the first term on the right. The corrected Equation (27) is

$$D_1^j(\alpha) = 2 \delta_{j1} \alpha^2 \frac{v_1(3v_1 - v_2)}{v_2(2v_1 - v_2)} + 2j \alpha v_1 \frac{\partial_\alpha b_{1/2}^{(j)} + 2v_1 b_{1/2}^{(j)}}{j^2 - v_1^2}. \quad (27)$$

None of these typos had any effect on the results discussed in the paper.

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