**Erratum: Quantum effects on Lagrangian points and
displaced periodic orbits in the Earth-Moon system
[Phys. Rev. D **91**, 084041 (2015)]**

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(Received 22 January 2016; published 4 February 2016)

DOI: [10.1103/PhysRevD.93.049902](https://doi.org/10.1103/PhysRevD.93.049902)

In Eq. (2.38), $|y_Q| - |y_C|$ is ≈ 5.2 mm. Thus, we actually confirm the findings in Ref. [24] of the original paper (Ref. [1] in this erratum). The value of y_Q in Eq. (2.36) should read

$$y_Q = \pm 3.329001652199221 \times 10^8 \text{ m.}$$

[1] E. Battista and G. Esposito, Full three-body problem in effective-field-theory models of gravity, *Phys. Rev. D* **90**, 084010 (2014).