

Review of: "On the existence of precession of planets' orbits in Newtonian gravity"

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Potential competing interests: No potential competing interests to declare.

The topic is an important one. The findings are also interesting. However, I can't entirely agree with the conclusions drawn by the author.

According to the author's analysis, the extra non-inertial radial force, which emerges in the frame of reference of the Sun for the non-zero mass of the planet, is the cause of the precision in Newtonian gravity. Usually, one works in the center-of-mass frame in a two-body problem. It is essential to check whether one gets the same conclusions in the center-of-mass frame or not. The large discrepancy between the observed values with the theoretical expectations in the Newtonian framework, as evaluated by the author, particularly for the outer planets of the solar system, demands further study of the problem.

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