

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. No conflict of interest

The article has issues:

- [1] The two-body problem must be solved in the center-of-mass system, so there is a small off-set. That means the gravitational potential of the Sun must be expanded in spherical harmonics. The Sun has flattened poles, so the spherical harmonic expansion is critical and non-trivial. Even Earth satellites need a very good propagator that requires a weekly or earlier update.
- [2] The planets have non-zero eccentricities so the solution must have an initial position and velocity to give the correct orbit.
- [3] Correct orbits require numerical processing due to the spherical harmonics.