

# Review of: "A direct calculation in the newtonian gravity framework"

Martin Suda<sup>1</sup>

<sup>1</sup> AIT Austrian Institute of Technology

**Potential competing interests:** No potential competing interests to declare.

The article is worth reading. The formulas are correct.

However, I would like to point out, that in electrostatics the multi-pole development of

the electric potential is completely analogue to the gravitational potential. The first term of this development reads  $Q/r$  ( $Q$  is the total charge analogue to  $M$ ) and is valid for spherically symmetric charge distribution (The second one is a dipole and the third one a quadrupole. ) . The negative gradient of the potential is the electric field.

It would be helpful to point out this similarity of the gravitational potential with the electric potential and the gravitational field with the electric field. Probably some literature can be specified in the paper.