

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

Fernando Haas<sup>1</sup>

<sup>1</sup> Universidade Federal do Rio Grande do Sul

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

The article gives a direct proof (without Gauss theorem) about the fact that at any point outside a spherical massive body with spherically symmetric density function, both gravitational field and potential produced by the body are exactly the same as if all the mass were located at the center. This is an interesting piece of work, for an alternative derivation which can be useful for some students. As expressed in remark 4.2, there is the condition of a total positive definite mass, so that straightforward application to electrostatics can be questionable.