

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

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This article presents the standard rigorous way to derive the potential and force on any point outside a confined mass distribution. The calculations are performed using spherical symmetry and the author re-derives the result generally obtained using Gauss' law. While the exposition is mathematical in nature, and clearly points out the assumptions required on the density function, more insights/generalization would be welcome. For example, how do the results change if the law is not $1/r^2$ but $1/r^n$. In the conclusion, the author observes that Newton's law is very "efficient because it has a strong geometric background". It would help if this "insight" was elaborated upon.