

Peer Review

Review of: "Dynamic Equations of the Discrete Particle and Incompressible Continuous Medium (Field) for Generalized Coordinates System"

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This article may be useful for learning the basics of General Relativity for an undergraduate student, but it has nothing new that is not available in the literature. I do not see any reason for this article to be published online unless Qeios does not care about the standard of its publications.

It applies the principle of general coordinate transformations to discrete particles and a continuous medium. This work has been done in great detail in many elementary books on GR and in the literature. At best, this article should be viewed as a learning tool for new students in GR.

It has to be improved significantly by applying its dynamical equations to real problems like viscous fluid around black holes or others. Just deriving the dynamical equations is not sufficient (although these equations have been derived elsewhere in much more useful forms). Therefore, I recommend applying the dynamical equations to a real physics problem as mentioned above and extracting physics out of the solutions.

Declarations

Potential competing interests: No potential competing interests to declare.