

Review of: "The origin of dark energy and dark matter: the galactic antigravitation"

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The author proposes a mechanism to explain gravity based upon on corpuscles called keplerons. The existence of these particles have no physical basis at all and it seems to be based on Newtonian gravity which have been superseded by Einstein's theory of General Relativity a century ago. The attempt by this author is reminiscent of Le Sage's model of ultramundane gravity that nowadays is only of interest for philosophers of science.

You cannot make the jump from a classical model to dark matter and dark energy that are concepts that appear within the context of Relativistic Cosmology, Even if these simple models yield a superficial interpretation of these phenomena (which I seriously doubt) it would be not useful for modern cosmologists. In the first place, your theory should be able to replace General Relativity in all the tests we know, And this cannot be done with elementary models.

The author does not spell Schwarzschild correctly in the Introduction. This is very symptomatic. The paper is also too wordy concerning the unjustified author's hypotheses, which is also typical for authors who do not know the standard of physics publishing. What is important are the calculations and the comparisons with real data, all the philosophy is unnecessary.

Perhaps the author can rewrite the paper as a contribution to the philosophy of physics. As a paper concerning modern problems in physics and cosmology, it cannot be recommended.