

Review of: "Dark Energy as an intrinsic property of Matter"

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Potential competing interests: No potential competing interests to declare.

Report

In the article, authors have introduced 'Space Production Model' (SPM), stating that both 'matter' and 'dark energy' are two manifestations of the same entity. They have tried to derive a matter model and have discussed the defining equations in the framework of homogeneous-isotropic universe models that are sourced, and influenced by this matter model. They have proposed an equation of state that originates from an equilibrium between the postulated inherent property of matter to emit space, and the gravitational attraction of matter. The notion they have presented is significant, and also appearing to be mathematically sound. This idea can provide a new dimension to the researchers working in the field of cosmology and can give a new definition to dark energy concept. Authors may further elaborate this concept for developing more realistic cosmological models in future. So, in my opinion the article "Dark Energy as an intrinsic property of Matter" may be accepted for publication in Qeios.