

Gravity-Antigravity using new Axioms and Laws

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Abstract

The modeling is based on a new theoretical basis. The new theory is based on two new axioms, is built on eight new laws and many consequences. The mathematical basis is described in detail in many previous publications by the same author.

It is well known the Maxwell's Axiom of Field Theory. It claims that the movement of a closed-loop vector E is always even: $\text{div}(\text{rot } E) = 0$.

This model uses one (first) axiom and five laws only. The first axiom is fundamental and claims that the movement of vector E describing an open vortex is always uneven: $\text{div}(\text{rot } E) \neq 0$. When the vortex is in a plane (2D) is obtained a cross vortex. If $\text{div}(\text{rot } E) > 0$, the cross vortex accelerates and it generates as suck in energy and mass.

If $\text{div}(\text{rot } E) < 0$, the cross vortex decelerates and it emits energy and mass. When the vortex is in volume (3D), a longitudinal vortex is obtained. If $\text{div}(\text{rot } E) > 0$ the longitudinal vortex accelerates. If the $\text{div}(\text{rot } E) < 0$, the longitudinal vortex decelerates.

Moreover, the decelerating cross vortex from 2D is transformed into an accelerating longitudinal vortex into 3D. When the main cross vortex is decelerated in 2D, many decelerating cross vortices are emitted from the center of the main vortex in 2D. If sufficient quantity of cross vortices they are accumulated and transformed in center. A few longitudinal accelerating vortices in 3D, perpendicular to a 2D is occurred. This a few longitudinal accelerating vortices in 3D are attracted each other. The faster is inserted into the slower one because of that it is narrower and has less diameter. So they form so called a Gravity Funnel. This Gravity Funnel sucks on below and shoots to up and in the same time is attracts from outside to inside.

Obviously this Gravity Funnel is the basis of generating the antigravity thrust. The author demonstrates the principle with several animations.

Biography:

Valentina Markova is a mathematician, a specialist in algebraic encoding and decoding of the information. She has completed her Ph.D. from the Science Institute at the Ministry of Defense and postdoctoral studies from Bulgarian Academy of Science, Institute of Mathematics and Informatics. She has more than 25 reports in Science Journals and International Conferences.

Speaker Publications:

1. Valentina Markova, About the Phenomenon of Free Energy, Described by the New Axioms and Laws; Advances in Theoretical & Computational Physics/2019;2:3.
2. Valentina Markova. "Generator of "free energy" according to the explanation of the phenomenon based on new axioms and laws"; Journal of Physics Research and Application/ Physics Congress 2019; 3.
3. Valentina Markova. "Modeling of the superconductivity by using accelerating longitudinal vortices"; Research & Reviews: Journal of Material Sciences/ 2018;6.

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