

Abstract Submitted
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Toward a kinetic theory of gravity FRED PIERCE, YARIV PIERCE

— We propose that gravity can be explained in terms of motion. The constant, uniform motion of mass through the universe creates the ubiquitous, isotropic force – gravity. The resulting isotropic structure is consistent with the results of the Michelson-Morley experiment. The expectation of an “ether wind” has been improper since the Earth is in a balanced state of motion and an unbalanced force is necessary to generate any reciprocal wind. Inertial mass and gravitational mass are always of the same magnitude because they are equal and opposite effects. Recognizing motion as the origin of gravitational energy is a natural conclusion to integrating gravitation with other forms of energy so that it, too, can be understandable in terms of other phenomena.

Fred Pierce

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