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## Controversy of existence of dark matter and dark energy and the influence of gravity

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When Einstein proposed a cosmological constant to establish a static universe and described the effect of gravity as collapsing nature acting on our universe on the matter content, he assumed the gravity as pull as described by Newton in his famous apple fall investigation. But basically Einstein was clear in his gravity theory by not assuming gravity as a force but curvature of space-time. However to balance gravity collapsing he had to derive a fudge factor naming cosmology constant as antigravity for keeping the universe static. Then expansion of universe was seen by Hubble with red shift Doppler calculation and soon another group of scientists studied type 1A Supernova explosion as standard candle and found again by red shift calculation that universe is accelerating in expansion. Even if there is some stretching of space, which may be small compared to growth from injection. That is why red shift is indicating only a partial picture of expansion. As a result, our calculations are going wrong. Another point is that the light travelling from distance objects/candles may be travelling in a non-isotropic field density of space medium which is not cosmology constant. Therefore our distance calculations may be wrong giving us a misinterpreted picture of dark matter and dark energy. The author published his push graviton emergent gravity theory sometime back to establish from calculation that fermion gravitons responsible for Newtonian gravity is having a mass of 750 proton mass and as such dark matter in itself. The author proposed to recheck Cavendish experiment and study long distance effects of gravity. Why the universe will collapse because of gravitational attraction when gravity is a push phenomenon by fermion gravitons. Our whole understanding of gravity and cosmology constant and the equation of Einstein seems to be relooked in the light of various theories published in VIXRA.ORG. If the fermion gravitons have 750 proton mass as per his calculation and in the great superfluid, it has a directional flow then fluidic push will rotate the planet and stars in great cosmic swirl and whirl. But on the surface of earth, gravitons are flowing like arrows towards center of earth to force the apple fall. Our milky way and other galaxies rotate as a giant super fluidic disk, so that gravitons locate in an increased concentration away from center due to centrifugal force and they see that Dr. Rubin is getting a rotational curve defying Newton law. They may revise Newton's law as  $F=P.G.Mm/R.R$ . Recent studies defying existence of dark energy and dark matter is only the outcome of wrong understanding from wrong concepts of gravity which he has clarified in his various papers published earlier.

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## Photoconductivity of CH<sub>3</sub>NH<sub>3</sub>PbI<sub>3</sub> thin film perovskite stored in ambient atmosphere

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Time dependent conductivity loss in CH<sub>3</sub>NH<sub>3</sub>PbI<sub>3</sub> thin film perovskite stored in ambient atmosphere was studied based on electrical and optical measurements. Recent investigations on thin film perovskite solar cell suggest that in the steady state operation of the device, the Voc is unchanged by continuous illumination of light. Rather the reduction in the power conversion efficiency is caused by significant reduction of the short circuit current (Jsc). In this paper, the effect of light on the optical absorption and electrical conductivity of the CH<sub>3</sub>NH<sub>3</sub>PbI<sub>3</sub> thin film which is deposited on a glass substrate is investigated. The temperature dependent conductivity measurements indicated that the dominant conduction mechanism in the film perovskite is electronic rather than ionic.

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