Abstract

Unification of Gravity and Electromagnetism

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Gravity and electromagnetism are two sides of the same coin, which is the clue of this unification. Gravity and electromagnetism are represented by two mathematical structures, symmetric and antisymmetric respectively. Einstein gravitational field equation is the symmetric mathematical structure. Electrodynamics Lagrangian is three parts, for electromagnetic field, Dirac field and interaction term. The definition of canonical energy momentum tensor was used for each term in Electrodynamics Lagrangian to construct the antisymmetric mathematical structure. Symmetric and antisymmetric gravitational field equations are two sides of the same Lagrangian.

Biography:

Mohammed A. El-Lakany is a Researcher and have got B.Sc. on Special Physics 2004 with a good degree from Faculty of Science at Tanta University, Diploma on Radiation Physics 2006 with a very good degree from Faculty of science at Ain Shams University, Preliminary M.Sc. on Theoretical Physics 2009 from Faculty of Science at Cairo University. My Publications Are Unification of gravity and electromagnetism7 (3) (2017) 15-24 "journal of physical science and application, "Cosmological Constant and Universe" to be publish, and "Dark Matter and Dark Energy" to be publish also. I am a Reviewer for "Journal of Physical Science and Application" and also at publons website for many journals. Presenting author details:

Recent Publications:

- Mohammed A. El-Lakany, Eur J Pharmacol 2018
- Mohammed A. El-Lakany, Toxicol Appl Pharmacol 2020
- Mohammed A. El-Lakany ,Pan Afr Med J, 2018
- Mohammed A. El-Lakany ,J Neurosci Rural Pract, 2019
- Mohammed A. El-Lakany ,BMC Genomics,2016

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