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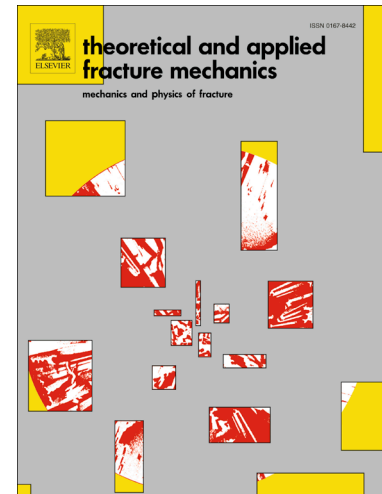
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A multi-atoms space-time modeled by exchange of mass and energy density

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Abstract

LIGO dedicated Feb. 11, 2016 to the discovery that atoms distanced billion of years away from the Earth have communicated with those on the Earth. No longer vaild is the myth that a single particle could be the originator of all others. Equally inapplicable is the mathematical abstraction of the singularity models that render more questions than answers. To answer the unanswerables could be problematic. The multi-atoms (MAs) model predicates communication of the connected atoms as the means of exchanging mass and energy density. Forgetting not the structure of the atoms as referred to have yet to be discovered. The process of naming and renaming will continue.

Keywords: *Multi-atoms, Energy and mass, Lite in, Black out, Source and sink. Earth and universe, Reincarnation.*

1. Introduction

The fact that LIGO [1] has detected the communication of atoms billions of years away from the Earth may have nothing to do with gravitational waves (GWs). By the same token, the atoms of classical physics may have no resemblance to those for space-time scale difference of billions of years. Bluntly put is the fact that *we do not know exactly what we are looking for*. In order to match the observables and the simulatables, a common language is required to scale the space-time data. The scale can stretch from the fractional quantum, where different forms of light prevail, to the cosmos, where the galaxies have been detected to expand faster than the speed of light. To this end, a commonalized energy unit was introduced [2] to standardize all units. The exchange of mass and energy density without imposing limitation on the velocities was thus invoked by mathematizing and operatilizing a conceptualized version of I-Ching, referred to as Ideomechanics [3]. The relation $E=mv^2$ was responsible for showing that *only* the Hookean force [2] is conducive to the exchange of energy E and mass m in contrast to the force of inertia of Newton. This is not inconsistent with the attempts to unify four or more forces hoping that the finalized *one* may bear additional information on the evolution of the universe.

The multi-atoms (MAs) model applies to the open and close universe. The reincarnation of the white dwarf [4] is one of the possible scenarios to model the close universe. Unavoidable is the mismatch of the observables and the simulatables as stated by Part 1. Version 2 of Tao Ching [5]. Simply paraphrased is that the names of the observables will not be long lasting as they will be renamed. The multi-atoms (MAs) model is to minimize the renaming process.

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