



Unification of cosmology and physical chemistry- An emerging horizon in physics

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Abstract

The entire world scientific community is well acquainted with the classical laws of physics, the thermo dynamical laws, the Planck hypothesis, and the relativity theories. Etc... and so on for many years but the main essence of the said theories have not reached to many people, and as a result of that, as on today even, some 'grey' areas are still left in the above said theories primarily due to the fact that the physical variables like 'time', 'mass', 'acceleration', 'gravitation' etc. had been left-out in their 'abstract' forms in the said theories. The principal underlying reason behind the same is the lack of the whereabouts of pictorial or geometrical representations of the above said physical variables. The recently discovered Theory of Quantum Gravity (TQG) has however, revealed the geometrical shapes of most of the principal physical variables of the universe and could become able to explain the many cosmic mysteries of the universe, the geometrical profile of the chemical reactions and the equilibrium constants of the chemical reactions, the black body radiation phenomena, the cosmos 'graviton cycle', the cold nuclear fusion phenomena, the dimensionality of the universe, the origin of the existences of the seven number of colors of VIBGYOR and apparent grey look of the universe, the dark energy/dark matter and many others.

In this article, first of all, it has been established that none of the above said theories remain to be 'abstract' when the TQG is imposed on them and also one can, as if visually encounter the said theories in front of their eyes, and can very clearly understand their limitations too.

The main essence of the following theories have been evaluated through TQG concepts and labelled with the relevant pictorial representations:

- The ideal gas equation and the 3 laws of thermodynamics.
- The Stefan – Boltzmann law
- The cosmological constant of general theory of relativity of Albert Einstein and the dark energy model of Friedman.
- The concept of 'zero-energy' universe
- The Newton's Laws of Motions.

The present level of understanding of the global physical science about the geo physics of our cosmos is promoted to the next higher level at this proposition.

Biography

Chinmoy Bhattacharya is a PhD in Polymer Physics from India in the year 1988. He then did his post-doctoral studies on Polymer physics of liquid crystals and is back to India in the year 1991; he joined paint Industry ICI INDIA LTD. He continued his research work on quantum gravity and theory of relativity and has recently come up with an altogether new unified quantum gravity theory. He has about 12 publications in Polymer national/international journals and his work on Cosmology, Theory Quantum gravity Dark Matter. He is a renowned person in India in the Field of Paints. He has having his own paint Industry in India and was the ex-chairman of IPA, the Indian Paint Association. He has invented a new initiator for free radical polymerization too and that work is published in UK journal (ROYAL SOCIETY OF CHEMISTRY, Polymer Chemistry, and DOI: 10.1039/COPY00180E). He is a guest faculty of the university of Calcutta and teaching Color Physics, Polymer and dispersion physics and rheology of coatings to the Master students.

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