

Quantum Electromagnetics A Local Ether Wave Equation Unifying Quantum Mechanics Electromagnetics And Gravitation

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Quantum Electromagnetics A Local Ether The theory of Quantum Electromagnetics presents a wave equation which is constructed, in compliance with Galilean transformations, for electromagnetic and matter waves. A fundamental feature entirely different from the principle of relativity is that the wave equation is referred specifically to the proposed local-ether frame. Quantum Electromagnetics: A Local-Ether Wave Equation ... Quantum Electromagnetics - A Local-Ether Wave Equation Unifying Quantum Mechanics, Electromagnetics, and Gravitation Ching-Chuan Su Department of Electrical Engineering National Tsinghua University Hsinchu, Taiwan Abstract - The theory of Quantum Electromagnetics presents a wave equation which Quantum Electromagnetics - A Local-Ether Wave Equation ... For electromagnetic wave, the local-ether wave equation accounts for a wide variety of propagation phenomena, including those commonly ascribed to the general relativity. For matter wave, the wave equation leads to modifications of Schrödinger's equation which in turn leads to a unified quantum theory of electromagnetic and gravitational forces in conjunction with the identity of inertial and gravitational mass. Quantum Electromagnetics - A Local-Ether Wave Equation ... This local-ether wave equation in turn leads to a unified quantum theory of the gravitational and electromagnetic forces in conjunction with the origin and identity of the gravitational and ... A local-ether wave equation unifying quantum mechanics ... An electromagnetic wave propagates at a constant speed with respect to

the associated local ether, independent of the motions of source and receiver. Based on this local-ether model of wave... A local-ether model of propagation of electromagnetic wave forms a local ether which as well as the associated gravitational potential moves with the respective body. Within each local ether, it is proposed that as in the classical propagation model, electromagnetic wave propagates at the speed of light c with respect to the associated local ether, independent of the motions of source and receiver. arXiv:physics/0208084v1 [physics.gen-ph] 23 Aug 2002 The ether could be a continuum described by continuous mathematical models, with differential geometry extended to fractal geometry. Once the physics of chaos and nonlocality in the ether is better understood, quantum ether engineering might permit controlling fundamental chance and change. Life, mind and Mind in the ether and beyond Ether, quantum, chaos: Building blocks for transcendence ... The speed restriction that applies to the propagation of transverse electromagnetic wave quanta through the ether does not apply at the subquantum level. Bell's theorem tells us that no theory explaining quantum phenomena in terms of local hidden variables can account for distant entanglement. But subquantum kinetics does not have the problems ... The Cosmic Ether: Introduction to Subquantum Kinetics ... In physics, aether theories (also known as ether theories) propose the existence of a medium, a space-filling substance or field, thought to be necessary as a transmission medium for the propagation of electromagnetic or gravitational forces. Since the development of special relativity, theories using a substantial aether fell out of use in modern

physics, and are now joined by more abstract ... Aether theories - Wikipedia Quantum Energy Variation and Resonant-Absorption Condition Based on the local-ether wave equation, it has been found that the mass of a particle increases with its speed by the famous Lorentz mass-variation factor, except that the speed is referred specifically to an ECI frame for earthbound particles. Resonant Absorption between Moving Atoms due to Doppler ... Local-Ether Wave Equations of Potentials and Fields. Based on the local-ether model of wave propagation and the electromagnetic force in terms of the potentials, it is supposed here that each individual source particle continuously excites the electric scalar potential and hence other local-ether potentials. arXiv:physics/0208082v1 [physics.gen-ph] 23 Aug 2002 The quantization of the electromagnetic field, means that an electromagnetic field consists of discrete energy parcels, photons. Photons are massless particles of definite energy, definite momentum, and definite spin.. In order to explain the photoelectric effect, Albert Einstein assumed heuristically in 1905 that an electromagnetic field consists of particles of energy of amount $h\nu$, where h ... Quantization of the electromagnetic field - Wikipedia The huge electromagnetic (EM) field arising from the localized surface plasmon resonance (LSPR) of metal nanoparticles can dramatically influence the Raman and fluorescence activity of nearby molecules, which results in plasmon-enhanced phenomena commonly known as surface-enhanced Raman scattering (SERS) and fluorescence (SEF) [-8 ... PAPER ... of low particle speed, the local-ether wave equation has been shown to lead to a unified quantum theory of gravitational and

electromagnetic forces [5, 6]. Furthermore, it is found that the gravitational mass associated with the gravitational force and the inertial mass Reinterpretation of Matter-Wave Interference Experiments ... All posts tagged Quantum The Empty Rigpa of Body-Speech-Mind: Releasing the 'Burden of the Heart Sutra' by Apperceiving Reality As It Is The primal Buddha Samantabhadra, 1700-1800. Quantum | Joy Roy Choudhury's Web Log Virtual Photon Coupling & Propagation: Chiral Noncommutative Non-local Quantum Ether discovered New research into light particles challenges understanding of quantum theory Researchers at the University of East Anglia (UEA) have shown that when photons - the fundamental particles of light - are created in pairs, they can emerge from different ... Eco Echo Invasives Extraction: Virtual Photon Coupling ... As a typical rapid-development seaport area in coastal cities, such as Caofeidian, the study on the spatiotemporal changes of urban land use and its surrounding rural areas is valuable and significant in reference to the future urban planning and land policies in similar coastal areas of China or other countries. Based on satellite images, this research processes images in different years for ... Sustainability | Free Full-Text | Satellite Image-Based ... The day dawned sunny and brisk. There were two filming venues today, one at the street market in Jinzhou, and the other far out of town. Staying at the hotel was an option for me, but in a quantum event I materialized out of the ether and was filmed in the marketplace before blinking out of existence again. Phil and Hailu did their market tour ... Our goal: to create the standard against which all other

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