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First horizon of unified physics - Quantum physics

The spacetime continuum of a complex manifold associated with the state conservation of energy and entropy are advanced as extensions beyond the virtual and physical dimensions and curvatures. The dynamics of manifold continuum, therefore, derives a whole picture of the principal equations, important assumptions, and essential laws, discovered and described by quantum physics, including the mathematical formulae of, but not limited to, Schrodinger equation, Dirac equation, and Klein–Gordon equation. As a result, it concisely derives and simplifies the theory of quantum mechanics, as the first horizon of unified fields.

Biography

Chong Wei Xu, a Chief Architect at Verizon Communications USA, focuses on dialectical nature of philosophy and sciences is to uncover topological framework of the universe, to develop a full intrinsic structure of the entire elementary particles, to derive the duality principles of spacetime manifolds, to present the unified physics under a horizon topology, and to heuristically demonstrate the origin of physical states. Since 2013, he has demonstrated the enlightenments of groundbreaking theories in Particle Physics and Unified Physics. He holds the BS and first MS degrees in Physics from Ocean University of China and Tongji University, and the second MS degree in Electrical and Computer Engineering from University of Massachusetts.

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