

Abstract Submitted
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Cosmological quantum Partition PAUL SUH — One of the unexplained conundrums of modern science is the existence of the dark matter and energy that do not quantum interact with the ordinary matter and energy, while equally interacting gravitationally. The manifestation of this “quantum partition” is simulated by introducing a quantum potential barrier between the two universes of matter and energy. This simulation is shown to be equivalent to the “dual-time physics” that leads to the concept of “tangential freedom,” which indicates the literal existence of the quantum partition between the two universes. Here matter and energy autonomously turn around and reflect back into their own universe like boomerangs (rather than like the rebounding ball from a potential barrier wall). Thus, dark matter and energy do not quantum interact with ordinary matter and energy! The physics of dark matter and energy is developed in a manner commensurate with the known physics of ordinary matter and energy. With this development, in the formative approximations, practically all the physical and cosmological puzzles (which are unexplained by the standard theories in vogue) are explainable. (The paper is available from pkshuh@msn.com).

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