

Abstract Submitted
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Determinism, Muonium, Regge Beta Decay, Yang-Mills Unification, Anti-Matter Plasmas, and Endothermic Ordering Entropy Escape Quark Fusion STEPHEN SHARMA, University of Southern California — Predestination is a philosophy attributed to eras of the past, however, deterministic geodesics generate Hamilton-Jacobi equations. Laplace and Poincaré believed, a sufficient intelligence predicts the universe. As such, the production of exotic materials, like a muon orbiting a proton, anti-hydrogen, and the DT plasma seem like tangible classical problems. This means that the uncertainty principle is neglected in the MHD, relativity, and Fokker-Planck relations. Extrapolating this analytic dissonance to new Regge theory, the beta decay is explained by a spectrum of rotational energy, non-negligible in the production of a Fermi-Curie deconvolution. Yang-Mills frequencies further angular corrections of an old theory. Mathematical tools that describe rotation, symmetry, abstract amplitude functions, and strings in the space-time Riemann metric unify. Analysis leads to prime number distributions in Dirac's gamma matrix dimensions generating the simplified standard model as the surface of a quantum observable. Unification simplifies expressions, helpful for analyzing turbulent motion. Unified physics promises a utopia; fusion through endothermic quark ordering can be done in theory.

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