

A Deterministic Physicality Mechanism for Matter with Applications for Black Holes

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Recent work by S.W. Hawking has led us to review our work. We compare, and offer our deterministic mechanism to fulfil the requirements and conclusions outlined by Hawking, using simple classical principles to produce quantum effects, in a manner that is constitution invariant, preserves unitarity and information, and applies broadly to black holes and ordinary matter and energy, without the effective limits of mainstream representations and their transition problems. We propose processes and life cycles for bodies that are massive enough to present problems to contemporary physics; that there is no absolute event horizon; that bosons of different masses present respective effective probabilistic escape boundaries in a process of distillation that occurs as a part of an evaporation process driven by vacuum energy flux.