

# VOID ENERGY-REGULATED SPACE (VERSF)

## FOUNDATION

1. Irreversible Facts — Commitment to distinguishable outcomes
2. Finite Distinguishability:  $\Delta x_{\min} > 0$
3. Finite Fact Density (Bounded Capacity): Maximum facts per volume
4. Relational, Locality-Restricted Rule: Constraints self-consistent and local

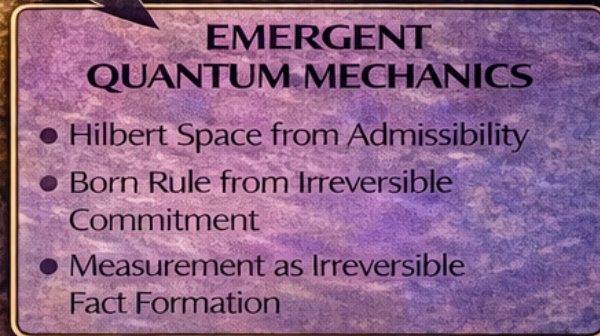
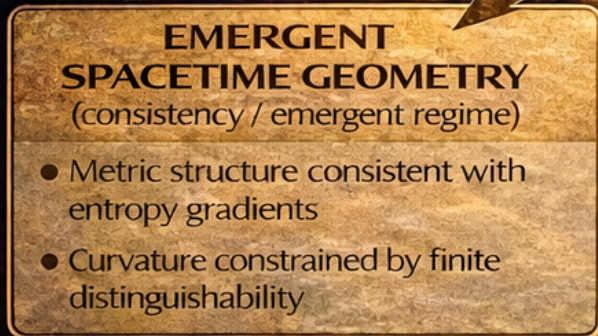
Finite Distinguishability  $\Rightarrow$  Binary Microstructure



Necessitates



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\*Consistency result: links spacetime curvature to entropy gradients

