



Chayut Universe Wave Function

Paper A-18 : Quantum Information Architecture (QIA)

Information = Wave-Pattern Encoding, Universe =
Lossless Entropic Network, Collapse = Information
Re-Routing

Title: Chayut Universe Wave Function (CUWF) Paper A-18 Quantum Information Architecture (QIA): Information = Wave-Pattern Encoding, Universe = Lossless Entropic Network, Collapse = Information Re-Routing

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Abstract

This paper introduces the CUWF Quantum Information Architecture (QIA), a framework that interprets quantum information as wave-pattern encoding and models the universe as a lossless entropic network. Within this architecture, wavefunction collapse is not treated as the destruction of a quantum state, but as an information re-routing process triggered by measurement constraints and environmental coupling. The approach provides an intuitive mechanism for understanding apparent randomness in quantum measurement and the emergence of stable outcomes as routing attractors under entropic cost minimization. The framework also offers a natural interpretation of entanglement as shared wave-code coupling across network nodes, explaining nonlocal correlations while preserving no-signaling. This paper presents the conceptual postulates, minimal mathematical operators for routing updates, and qualitative predictions that distinguish the QIA mechanism from standard collapse postulates and purely interpretive accounts of measurement.

Keywords

CUWF; Quantum Information Architecture; wave-pattern encoding; entropic network; routing dynamics; collapse mechanism; entanglement; decoherence; Born rule; no-signaling; quantum error correction; holography

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