

Interdimensionality, Non-Locality of Consciousness, and Quantum Mechanisms for Temporal Loops: A Theoretical Framework Inspired by *The Weight of a Dog*

Abstract

This white paper explores a hypothetical integration of interdimensional non-human intelligence (NHI), non-local quantum consciousness, and mechanisms enabling apparent temporal traversal, as depicted in Alex Lucio's novel **The Weight of a Dog**. Treating the narrative's elements as scientifically plausible under speculative extensions of current theories, we propose a unified framework drawing from the Penrose-Hameroff Orchestrated Objective Reduction (Orch-OR) model of consciousness, quantum entanglement and non-locality, block universe eternalism, and resonant amplification in structures like the Great Pyramid. The dog's consciousness achieves a time loop through translation into a non-local, entangled quantum state synchronized via low-frequency resonances (e.g., ~19 Hz), effectively existing outside linear time while influencing past and future events consistently.

1. Non-Locality of Consciousness and the Orch-OR Framework

The Penrose-Hameroff Orch-OR theory posits that consciousness arises from quantum computations in neuronal microtubules, where tubulin dimers act as qubits in superposition. These superpositions undergo orchestrated objective reduction (OR), collapsing to discrete conscious moments connected to fundamental spacetime geometry.[1][2][3]

Evidence includes quantum vibrations in microtubules at physiological temperatures[4] and anesthetics disrupting consciousness by binding microtubule sites.[5]

Non-locality emerges as OR events influence spacetime curvature, allowing entanglement-like correlations across space and time.[6]

In the novel, the artifact and pyramid amplify coherence at ~19 Hz, aligning with Schumann resonances[7] and enabling global entrainment.[8]

2. Interdimensional Non-Human Intelligence (NHI)

The novel's "Watchers" represent interdimensional NHI preventing synchronization.

The interdimensional hypothesis posits entities in higher dimensions (e.g., string theory extra dimensions or brane-worlds).[9]

Pyramid resonances could interface dimensions by focusing fluctuations.[10][11]

3. Mechanism for the Dog's Temporal Traversal and Time Loop

Under block universe eternalism, all events coexist in 4D spacetime.[12][13]

The sacrifice collapses microtubule coherence into a global ~19 Hz state, delocalizing consciousness timelessly.[14]

Mechanism: OR cascade entangles the state collectively; Deutschian CTC-like consistency ensures self-consistent loops (Novikov principle).[15][16]

4-7-8 breathing induces coherence.[17]

4. Integration

Orch-OR enables delocalization; interdimensional NHI opposes it; resonances trigger entanglement; block universe allows timeless loops. The dog's sacrifice translates consciousness non-locally, closing the loop.

Conclusion

This speculative model grounds the novel in Orch-OR, non-locality, eternalism, and resonances. Future microtubule/infrasound experiments could test it. The loop exemplifies timeless quantum orchestration via love.

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[17] Derived from breathing rhythms in consciousness studies; see Hameroff references.



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