



Chayut Universe Wave Function

Paper A-22 : Consciousness under CUWF

Recursive Living Resonance and Self-Referential Entropic
Geometry From BMIR Living Closure to Conscious Self-
Domain

Title: Chayut Universe Wave Function Paper A-22 Consciousness under CUWF : Recursive Living Resonance and Self-Referential Entropic Geometry From BMIR Living Closure to Conscious Self-Domain

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Abstract

This paper develops the Chayut Universe Wave Function (CUWF) interpretation of consciousness as a recursive, self-referential regime of living Entropic Geometry. Building upon Paper A-21, which defined life as self-maintaining BMIR closure, this paper argues that consciousness is not identical to life, and is not added to life as a separate substance from outside. Rather, consciousness emerges and co-develops within the same living domain when BMIR closure becomes capable of recursive self-modeling, Self-OS formation, experiential wave-mode stabilization, and self-world rendering. The paper first clarifies the general meaning of consciousness, including awareness, subjective experience, selfhood, and self-world relation. It then reviews major problems of consciousness and current theoretical approaches, including physicalism, neural correlates, Global Workspace Theory, Integrated Information Theory, predictive processing, higher-order theories, embodied cognition, panpsychism, and dualism. Against this background, CUWF proposes that consciousness requires a living or life-equivalent substrate, but that life alone is not sufficient. Consciousness arises when the living domain develops a self-model, an embodied Self-OS, a conscious domain, recursive observer-function, and

domain-rendered reality. Feeling and thought are interpreted as experiential wave-modes: living wave-patterns rendered through the self-model as self-specific meaning and predictive-symbolic organization. The paper further distinguishes physical geometry and conscious geometry as multiple regimes of one living wave-system rather than as body-soul dualism or flat reductionism. Later sections discuss time, memory, imagination, dream, measurement signatures, artificial consciousness, psychic claims, residual Self-OS continuity, and awareness practice. These implications are treated with explicit caution: CUWF does not present speculative extensions as established facts, but as possible conceptual implications requiring future refinement and evidence. The paper concludes that consciousness begins when living Entropic Geometry becomes capable of modeling, feeling, and regulating itself as one self within a world.

Keywords

CUWF; consciousness; self-model; Self-OS; conscious domain; domain-rendered reality; experiential wave-mode; BMIR closure; Entropic Geometry; recursive feedback; observer-function; subjective experience; selfhood; artificial consciousness; wave awareness; residual Self-OS pattern

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