

Review of: "Holographic Quantum Theory of Consciousness"

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Potential competing interests: No potential competing interests to declare.

This article proposes a Holographic Quantum Theory of Consciousness (HQTOC) that attempts to connect human consciousness to the manifestation of observed natural laws and phenomena. Here's a critical review of the article:

Strengths:

Ambitious Approach: The article takes on a bold and ambitious task of linking consciousness to the fundamental laws of nature. This interdisciplinary approach can be inspiring and may open up new avenues for exploration.

Mathematical Formulation: The attempt to provide a mathematical foundation for consciousness and its role in shaping reality is commendable. The use of a holographic action to describe the information created by human consciousness adds a quantitative aspect to the theory.

Predictions and Testability: The article presents six predictions stemming from HQTOC. These predictions provide testable hypotheses, which is a positive aspect for scientific theories. However, conducting experiments to test these predictions might be challenging.

Integration of Previous Work: The article builds upon previous work (QTOC) and attempts to provide a more comprehensive framework, which shows a logical progression in the development of the theory.

Weaknesses:

Lack of Empirical Evidence: The main drawback is the lack of empirical evidence supporting the proposed theory. While it is acknowledged that scientific studies may be difficult to conduct, the absence of experimental verification weakens the credibility of the theory.

Subjectivity of Consciousness: The article assumes that consciousness is the driving force behind the observed natural laws, yet the nature of consciousness is a highly debated and subjective topic. Defining and measuring consciousness remains a significant challenge.

Vagueness in Concepts: Some concepts, such as "consciousness of change and unchanging" or "consciousness of inclusion or exclusion," are vaguely defined. A clearer articulation of these concepts would enhance the theory's explanatory power.

Overgeneralization: The theory tends to overgeneralize its predictions, claiming to explain everything from fundamental

particles to cosmology, DNA, and human potential. Such broad applicability raises skepticism about the theory's specificity and validity.

Unsubstantiated Claims: The article makes bold claims about the transcendence of natural laws by going beyond duality consciousness, but these claims lack empirical evidence or concrete examples.

Incomplete Explanations: The article introduces concepts such as holographic action and conscious space and time without fully explaining their origins or providing a comprehensive theoretical foundation.

Conclusion:

While the HQTOC presents an intriguing conceptual framework, it currently lacks the empirical evidence and specificity required for broader acceptance in the scientific community. Further development, refinement, and empirical testing are necessary to establish HQTOC as a credible and robust theory in the field of consciousness and physics.