Review of: "Quantum Mind-Induced Subjective Realism: a Quantum Consciousness-Based Management Model of Reality Perception"

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Potential competing interests: No potential competing interests to declare.

This review is similar to A. Mints' review. This well-written analysis is presented based upon a poor metaphor - comparing the Copenhagen interpretation of quantum mechanics (QM) to a " Quantum Mind-Induced Subjective Realism". Many different interpretations of quantum mechanics have been presented (https://en.wikipedia.org/wiki/Interpretations_of_quantum_mechanics).

The difficulty is, these interpretations are not fully accepted or even self-consistent. While it is true that quantum mechanics has been used with great success to better understand reality, it is also true that quantum mechanics is not yet fully understood. All this, the author appears to recognize, but does not recognize that this metaphor does not strengthen his arguments, but weakens them, at least to those who understand QM a little.

As a further example of the difficulty of the metaphor, superposition is the term borrowed from mathematics for a continuous distribution. Given everything in our reality (the universe) is quantized (i.e., not continuous), a superposition cannot exist in our reality, so relating a superposition to anything in our reality is, as currently understood, not possible. The breadth of mathematics does allow the exploration of concepts that cannot exist in our reality (e.g., imaginary numbers), but mathematics is not the logic of this paper.

A superposition is not some balance of multiple competing concepts as suggested by some weaker explanations of the Schrödinger's cat thought experiment. See https://www.qeios.com/read/F05D6Y.5 for another view of Schrödinger's cat.

Many other quantum terms are misused (as the references indicate). Everything physical, when observed, has multiple properties - duality. If a ruler is applied, a brick has dimension. If a weighing scale is applied, a brick has mass. If a brick is thrown, it has energy.

"Each state of a concept exists in an eigenstate, or a superposition state..." A state (in QM) does not exist, it is a mathematical abstraction like infinity. A superposition does not have states, it is continuous.

Entanglement is a well-defined physical interaction between atomic-scale elements. Remote entanglement (which may be what the author is referring to) is an illusion created by misunderstanding what a measurement process includes. See Queios https://www.qeios.com/read/AOXTC5.4

The field of quantum computing is attempting to see how/if a superposition could be employed in a quantized reality. But to do this requires some conversion from Hilbert space, the mathematical term for a continuous space where a superposition appears, to the quantized space of our reality. That conversion is still in the process of being understood.

This review ends at the section titled: "The inseparable, interdependence, and interconnectedness unified field with consciousness as an autonomous sub-totality" as there are no page numbers. This reviewer is not knowledgeable about the topics in the remainder of the paper.