Review of: "On Qubits and Quantum Information Technologies"

Mahmoud Abdelaty[1]

1 Sohag University

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In this paper, the authors critically challenge the assumption that qubits have physical counterparts in the real world, highlighting the distinction between quantum superpositions as mathematical entities in Hilbert spaces and physical objects. The author argues that the lack of experimental evidence for the physical realization of quantum superpositions implies that quantum information technologies, such as quantum computation and quantum communication, may not be physically realizable. The paper presents a comparison between Euclidean space and Hilbert spaces to support its arguments. Also, they raise provocative questions about the physical realization of qubits and its implications for quantum information technologies. While the topic is of significant interest, the paper would benefit from addressing the existing evidence and alternative perspectives, providing specific examples, expanding the implications section, and improving the clarity and organization of the writing. With these revisions, the paper has the potential to make a valuable contribution to the field of quantum information science.