

Review of: "Consistent Interpretation of Quantum and Classical Mechanics"

Yan Gu1

1 University of Science and Technology of China

Potential competing interests: No potential competing interests to declare.

I agree with the comments issued by two previous reviewers (2,3). The author of this paper tries to build a consistent interpretation of quantum and classical mechanics by adding an extra limitation (r<dr) on the validity of the Heiisenberg uncertainty principle. Besides the ambiguity of the definition of the quantity r and dr as pointed out by previous reviewers, I should emphasize that the approach to improve the Copenhagen interpretation by revising its postulates in ad hoc way is itself not a good policy. Because such an approach is not of value for clarifying physically the problem of the emergence of the classical appearance of the macroscopic world around us from the underlying quantum substrate. I do not know whether the author has known the researches about the theory of decoherence in quantum physics. If not, I would like to suggest the author to read the book written by M. Schlosshauer, (2007) "Decoherence and the quantum-to-classical transition" (Berlin, Springer).

Qeios ID: I66KKB · https://doi.org/10.32388/I66KKB