

Review of: "An alternative foundation of quantum theory"

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Potential competing interests: No potential competing interests to declare.

Dear Hinge,

I read your approach with much interest. The range of your concepts is broad and well explained. Since you base your new approach of quantum theory on group representations I wonder if there may be some overlap with $SL(2, \mathbb{C})$ representations, i.e. $SL(2, \mathbb{C})$ character varieties. I wrote a few papers on such a topic with the goal of understanding topological quantum computing. I drive a special issue of Quantum Reports that summarizes the idea. The link is below

https://www.mdpi.com/journal/quantumrep/special_issues/6YGGQI4308

You may be interested to submit the paper in this issue. I can get the withdrawal of the fees.

Otherwise, I do not have specific comments on your ambitious paper.

Michel