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How to be an orthodox quantum mechanic

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Quantum mechanics, like any scientific theory, has a prevailing orthodoxy for its interpretation. However, due to the abstract nature of the formalism, interpretation of quantum theories is especially contentious. In this work we attempt to quantify the quantum orthodoxy via a systematic survey of popular graduate and undergraduate textbooks on the subject. In so doing, we determine the fundamental epistemic and ontological commitments that form the bedrock of the modern orthodoxy. We then examine how these commitments are linked to several open problems in quantum foundations.

Apply to be considered for a student ; award (Yes / No)?

No

Level for award;(Hons, MSc, PhD, N/A)?

N/A

Primary author: BECK, Geoff (University of Witwatersrand)

Presenter: BECK, Geoff (University of Witwatersrand)

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