

# Time, Quantum Mechanics, and Probability

Saunders, Simon (1997) Time, Quantum Mechanics, and Probability.

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## Abstract

The Everett interpretation of quantum mechanics has repeatedly been criticized on the grounds that probability makes no sense on its terms. These criticisms are considered in detail, and found to be wanting. I conclude that on the contrary the Everett interpretation provides a clear account of probability, and that its most radical feature, that it abandons a 1:1 relationship of identity over time, already has to be dealt with in classical physics.

**Commentary on:** [Saunders, Simon \(1994\) Time, Quantum Mechanics, and Decoherence.](#)

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