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How Does a Quantum State Self Gravitate?

Wednesday 19 June 2024 10:00 (30 minutes)

Developing a Theory of Everything has been a long-standing, yet elusive goal. Even so, approaches exist that may be able to remedy this. In this presentation, we will explore one such approach: The Newton-Schrödinger System. Presented here will be numerical analysis on how such a system behaves in the domain of a circle with various Gaussian initial conditions, as well as the motion of test particles in this system.

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