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Schrödinger Equation and the Quantization of the Celestial Systems FLORENTIN SMARANDACHE, The University of New Mexico, V. CHRISTIANTO, Sciprint.org — In the present article, we argue that it is possible to generalize Schrödinger equation to describe quantization of celestial systems. While this hypothesis has been described by some authors, including Nottale, here we argue that such a macroquantization was formed by topological superfluid vortice. We also provide derivation of Schrödinger equation from Gross-Pitaevskii-Ginzburg equation, which supports this superfluid dynamics interpretation.

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