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A New Derivation of Biquaternion Schrödinger Equation and Plausible Implications VIC CHRISTIANTO, Sciprint.org, FLORENTIN SMARANDACHE, University of New Mexico, Gallup Campus — In the preceding article we argue that biquaternionic extension of Klein-Gordon equation has solution containing imaginary part, which differs appreciably from known solution of KGE. In the present article we discuss some possible interpretation of this imaginary part of the solution of biquaternionic KGE (BQKGE); thereafter we offer a new derivation of biquaternion Schrödinger equation using this method. Further observation is of course recommended in order to refute or verify this proposition.

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