An Introduction to Biquaternion Number, Schrodinger Equation, and Fractal Graph VICTOR CHRISTIANTO, SciPrint.org, FLORENTIN SMARANDACHE, University of New Mexico, Gallup Campus — It is known that quaternion number has wide application in theoretical physics and engineering fields alike, in particular to describe Maxwell electrodynamics. In the meantime, recently this quaternion number has also been used to draw fractal graph. The present note is intended as an introduction to this very interesting study, i.e. to find linkage between quaternion/biquaternion number, quantum mechanical equation (Schrödinger equation), and fractal graph. Hopefully this note will be found useful for subsequent study.

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Date submitted: 03 Sep 2010   Electronic form version 1.4