Computational Hyperincursive Discrete Majorana Real 4-Spinors Equation and Dirac Real 8-Spinors Equation

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Abstract. This paper gives the hyperincursive second order discrete Klein-Gordon quantum relativist equation in three spatial dimensions. This hyperincursive equation bifurcates to 4 discrete incursive real equations for computing the Majorana real 4-spinors equation. This paper demonstrates that the Majorana real 4-spinors equation bifurcates to the Dirac real 8-spinors equation, with a very original method. So, the hyperincursive discrete Majorana equation bifurcates to 8 discrete incursive real equations for computing the Dirac real 8-spinors equation.

Keywords: Quantum relativist system, Hyperincursive discrete equation, Klein-Gordon, Dirac, Majorana, real spinors