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A Note of Extended Proca Equations and Superconductivity V.
CHRISTIANO, Sciprint.org, FLORENTIN SMARANDACHE, University of New Mexico, F. LICHTENBERG — It has been known for quite long time that the electrodynamics of Maxwell equations can be extended and generalized further into Proca equations. The implications of introducing Proca equations include an alternative description of superconductivity, via extending London equations. In the light of another paper suggesting that Maxwell equations can be written using quaternion numbers, then we discuss a plausible extension of Proca equation using biquaternion number. Further implications and experiments are recommended.

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