

Abstract Submitted
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Is There Iso-PT Symmetric Potential in Nature? VIC CHRISTIANTO, SciPrint.org, FLORENTIN SMARANDACHE, University of New Mexico, Gallup Campus — In recent years there are new interests on special symmetry in physical systems, called PT-symmetry with various ramifications. Along with the isodual symmetry popularized by RM Santilli, these ideas form one of cornerstone in hadron physics. In the present article, we argue that it is plausible to generalize both ideas to become iso-PT symmetry which indicate there should be new potential obeying this symmetry. We also discuss some possible interpretation of the imaginary solution of the solution of biquaternionic KGE (BQKGE); which indicate the plausible existence of the propose iso-PT symmetry. Further observation is of course recommended in order to refute or verify this proposition.

Florentin Smarandache
University of New Mexico, Gallup Campus

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