

Abstract Submitted
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**Numerical Result of Supersymmetric Klein-Gordon Equation.
Plausible Observation of Supersymmetric-Meson** VICTOR CHRISTIANTO,
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Campus — In the context of some recent papers suggesting CT-symmetric QM in
order to generalize PT-symmetric QM, in this paper we present an idea that there is
quite compelling reasoning to argue in favor of supersymmetric extension of Klein-
Gordon equation. Its numerical solutions in some simplest conditions are presented.
Since the potential corresponding to this supersymmetric KGE is neither Coulomb,
Yukawa, nor Hulthen potential [2a], then one can expect to observe a new type
of matter, which may be called “supersymmetric-meson.” Its presence may be ex-
pected in particular in the process of breaking of Coulomb barrier in low energy
schemes. Further observation is of course recommended in order to refute or verify
this proposition.

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