

[New Physics]

Atomic and Nuclear Physics

Yibing Qiu
yibing.qiu@hotmail.com

Abstract: put a outline for the reconstruction of atomic and nuclear physics

Main Viewpoint:

Establish to a new physics beyond the Standard Model that explore particle physics, deep-seated structure of matter, the material world to find the most basic unit and the basic interactions of.

In the "atomic nuclear structure; frog eggs nuclear structure; and outer nuclear layer of the charge of ball-type hierarchical distribution" based on:

1. fusion classical *quantum theory* (including *quantum mechanics* tools and the like), *quantum field theory* to address the *volume charge density* (VDFT); established outside the core charge density, the energy levels of the field in the form (field theory) representation theory.

2. according to the *meson theory* [1], in the case of not accepting new particles: Protons and neutrinos are the most elementary particles; a π -meson by a combination of electron and a neutrino; a neutron consists of a proton combination and a π -meson, proton and a neutron by a combination of π mesons [2]. Nuclear power; nuclear energy; π -meson energy levels; we know that there is clear experimental evidence that nuclear π -meson in the collective memory mode, π -mesons (belt, body) of the collective energy level of characterization and formulation.

REFERENC

[1] <Meson > --- <http://en.wikipedia.org/wiki/Meson>

[2] <The Basic Structure and Properties of Hadrons> <http://vixra.org/abs/1407.0015>