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Particle physics as systems theory

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Tew method, systemic intuition, reveals: (1) there are two fundamental particles – virtual electron and positron; their interaction gives birth to virtual positronium characterized by energy; positroniums exchange photons and acquire states (composiums) with complex energy; (2) there exists ether consisting of composiums and described by correlation function; (3) ether generates spontaneously mesons and neutrons; cosmic rays are its proper radiation; their data enabled us to evaluate characteristics of ether and dimensions of particles; radius of real electron about 0.01 fm; (4) neutron is linear system with continuously distributed parameters; (5) H-atom is linear system with lumped parameters; it consists of three quarks described by real symmetric matrices; their agents correspond to gluons; (6) essence of nuclear interaction is conservation of energy by transformation of electric energy to magnetic one and vice versa in atoms of deuterium (D-atom); (7) all atoms can be modeled by electric RLC-circuits; (8) excited by photons, atoms and neutrons respond with neutrinos; (9) nuclear structure evolves by shells consisting of D-atoms; there are He-shell (2-shell), octahedral shell (8-shell), icosahedral shell (18-shell), double-icosahedral shell (36-shell) and three inverse shells of 18, 8 and 2 D-atoms; additional neutrons perform inter-shell interaction; (10) structure of U-atom is exposition of implicit structure of H-atom; (11) whole theory is actually General System Theory; its abstraction makes it possible to reform any fundamental science, including humanities, into true science, reform science; that is shown by reforming politics into true fundamental science, geopolitics: (12) theory paves way to settling present general ideological crisis, reforming modern society.

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