Abstract Submitted
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Tquark-Higgs-Vacuum Energy Levels: 130; 173; 225 GeV FRANK SMITH, Cartersville — Truth Quark interacts with Higgs and Vacuum to get two excited energy levels above ground state at 130 GeV: 173 GeV excited state due to Planck energy vacuum above the 252 GeV Standard Model vacuum; and 225 GeV excited state at Vacuum Stability Critical Point. 130 GeV ground state was predicted by calculations in a theoretical model based on Cl(8) Clifford algebra using: geometry of D4 Lie Algebra and Symmetric Spaces D5/D4xU(1) and E6/D5xU(1) and related Shilov Boundaries; plus combinatorial relations. The model allows further calculations: Mnu1 0; Me 0.5110 MeV; Md and Mu 312.8 MeV; Mnu2 0.009 ev; Mmu 104.8 MeV; Ms 625 MeV; Mc 2.09 GeV; Mnu3 0.054 eV; Mb 5.63 GeV; W+ mass and W- mass 80.326 GeV; Z0 mass 91.862 GeV; Higgs mass 145.8 GeV; neutron-proton and UCC-DCC baryon mass differences; and of force strengths, neutrino mixing and K-M paramenters. See CERN CDS preprint EXT-2003-087 and http://www.valdostamuseum.org/hamsmith/snucalc.html#asno .

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