

Abstract Submitted  
for the MAR13 Meeting of  
The American Physical Society

**Majorana-Fermions, Their-Own Antiparticles, Following Non-Abelian Anyon/Semion Quantum-Statistics : Solid-State MEETS Particle Physics Neutrinos: Spin-Orbit–Coupled Superconductors and/or Superfluids to Neutrinos; Insulator-Heisenberg-Antiferromagnet MnF<sub>2</sub> Majorana-Siegel-Birgenau-Keimer - Effect** E.-L. MAJORANA-FERMI-SEGRE, MARVIN-ALBERT-ABDUS ANTONOFF-OVERHAUSER-SALAM, EDWARD CARL-LUDWIG SIEGEL, FUZZYICS = CATEGORYICS = PRAGMATYICS(“Son of ’TRIZ”) /CATEGORY-SEMANTICS COGNITION — Majorana-fermions, being their own antiparticles, following non-Abelian anyon/semion quantum-statistics: in Zhang et.al.-...-Detwiler et.al.-... “Worlds-in-Collision”: solid-state/condensed-matter – physics spin-orbit – coupled topological-excitations in superconductors and/or superfluids -to- particle-physics neutrinos: “When ‘Worlds’ Collide”, analysis via Siegel[Schrodinger Centenary Symp., Imperial College , London (1987); in The Copenhagen-Interpretation Fifty-Years After the Como-Lecture, Symp. Fdns. Mod.-Phys., Joensu(1987); Symp. on Fractals, MRS Fall-Mtg., Boston(1989)-5-papers!!!!] “complex quantum-statistics in fractal-dimensions”, which explains hidden-dark-matter(HDM) IN Siegel “Sephrot” scenario for The Creation, uses Takagi[Prog.Theo.Phys. Suppl.88,1(86)]-Ooguri[PR D33,357(85)] - Picard-Lefschetz-Arnol’d-Vassil’ev[“Principia Read After 300 Years”, Not.AMS(1989); quantum-theory caveats comment-letters(1990); Applied Picard-Lefschetz Theory, AMS(2006)] – theorem quantum-statistics , which via Euler- formula becomes which via de Moivre- -formula further becomes which on unit-circle is only real for only , i.e, for , versus complex with imaginary-damping denominator for , i.e, for , such that Fermi-Dirac quantum-statistics for

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Date submitted: 29 Nov 2012

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