

Abstract Submitted
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Novel **Properties**
Of Quantum Materials Physics¹ WH- MAKSOED,SSI², Prodi of Physics UI,
Depok 16415, West-JAVA — Accompanying classical constitutive equations from
continuum mechanics, there sought novel properties of quantum materials physics
at least after A.Chipouline,et.al: “Analytical Model for Metamaterials with Quan-
tum Ingredients”. It become inspired in Depok, 2003 by Dr.rer.nat Martarizal of
his “Discrete Electronics” lecture but come from analog circuitries then enhanced
by “discrete mathematics”. “Interacting classical & quantum resonant” investigates
its correlation through multifractal for Itai Panas: Super-Atom Representation of
High-Tc Superconductivity” completes by Yu E Kuzovlev:”Quantum Brownian mo-
tion & a theorem of Fundamental 1/f Noise”.June 2012. A studies of laters of TIPSb
& fermionic motions, come from P. Dutta,et.al:Anomalous Thermal Expansion of
Sb2Te3 Topological insulators, June, 2012 and Andrea Capelli: Composite Fermion
Wavefunctions derived by Conformal Field Theory” June 2012, in his counterpart
of Commodity Future Tradings.

¹Heartfelt gratitudes to HE. Mr. Ir. Sarwono Kusumaatmadja/PT. Smartfren
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²Herewith completions of Quantum Materials Physics as broadening of the theory
of condensed matter physics through He-3 superfluidity

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