

Abstract Submitted
for the MAR11 Meeting of
The American Physical Society

DEFINITION of (so MIScaled) "Complexity" as **UTTER-SIMPLICITY!!! VERSUS DEVIATIONS From It As COMPLICATEDNESS-MEASURE(S)** F. YOUNG, EDWARD CARL-LUDWIG SIEGEL, FUZZYICS=CATEGORYICS(SON OF TRIZ)/CATEGORY-SEMANTICS — (so MIScaled) "complexity" with INHERENT BOTH SCALE-Invariance Symmetry-RESTORING, AND $1/w^{(1.000..)}$ "pink" Zipf-law Archimedes-HYPERBOLICITY INEVITABILITY power-spectrum power-law decay algebraicity. Their CONNECTION is via simple-calculus SCALE-Invariance Symmetry-RESTORING logarithm-function derivative: $(d/d\omega) \ln(\omega) = 1/\omega$, i.e. $(d/d\omega) [\text{SCALE-Invariance Symmetry-RESTORING}](\omega) = 1/\omega$. Via Noether-theorem continuous-symmetries relation to conservation-laws: $(d/d\omega) [\{\text{inter-scale 4-current 4-div-ergence}\} = 0](\omega) = 1/\omega$. Hence (so MIScaled) "complexity" is information inter-scale conservation, in agreement with Anderson-Mandell [Fractals of Brain/Mind, G. Stamov ed.(1994)] experimental-psychology!!!, i.e. (so MIScaled) "complexity" is **UTTER-SIMPLICITY!!!** Versus COMPLICATEDNESS either PLUS (Additive) VS. TIMES (Multiplicative) COMPLICATIONS of various system-specifics. COMPLICATEDNESS-MEASURE DEVIATIONS FROM complexity's **UTTER-SIMPLICITY!!!**: EITHER [SCALE-Invariance Symmetry-BREAKING] MINUS [SCALE-Invariance Symmetry-RESTORING] via power-spectrum power-law algebraicity decays DIFFERENCES: ["red"-Pareto] MINUS ["pink"-Zipf Archimedes-HYPERBOLICITY INEVITABILITY]!!!

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Date submitted: 21 Nov 2010

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