SHOCKS-“COMPLICATEDNESS” Impulse-Jerk (I-J): \([a(t)];[m(t)]\) DEVIATIONS FROM/VS. "(so MIScalled) ‘Complexity’ as UTTER-SIMPLICITY!!!(“SMCIUS!!!”): SHOCKS Burst Acoustic-Emission(BAE) “COMPLICATEDNESS”-MEASURE(S) FREDERICK YOUNG, EDWARD SIEGEL, failure-PREVENTION-associates(fPa)/THERMALLOY-TECHNOLOGY(TAT)/TATL — (so MIScalled) ”complexity” associated BOTH [SCALE-Invariance Symmetry-RESTORING] AND \(X(w) \sim (F-D-thm.) \sim P(\omega) \sim “1”/\omega \sim “1”/\omega^{1.000... “pink” Zipf-law Archimedes-HYPERBOLICITY INEVITABILITY BAE power-spectrum power-law decay algebraicity (or at least “red” Pareto-law \(X(\omega) \sim (F.-D.-thm.) \sim P(\omega) \sim 1/\omega^{(0<\# \neq 1.000...)}. Their INTERCONNECT-ION? Simple-calculus [SCALE-Invariance Symmetry-RESTORING(S-I S-R)] LOGARITHM-function derivative: \(d \ln(\omega)/d\omega = \text{ hence: } d[S-I S-R](\omega)/d\omega = ; \) via Noether-theorem continuous-symmetries relation to conservation-laws is: \([d\{\text{inter-scale 4-current } 4\text{-divergence}\}/d\omega = \sum_{\mu} \partial^\mu J_\mu = 0](\omega)=1/\). Hence (so MIScalled) ”complexity” is inter-scale information-conservation(nano to meso to macro)[in amazing exact agreement with Anderson-Mandell-Selz[PhD, FAU(91); Fractals of Brain/Mind, G. Stamov ed.(94)]; experimental-psychology!!!], i.e. “SMCIUS!!!” VS. SHOCKS-”COMPLICATEDNESS” NON: “1”/\omega Zipf/(Pareto?); power-law; algebraicity; universality power-spectrum inverse-transform of time-series of shock’s impulse-jerk(I-J)

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