

Abstract Submitted  
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**RANDOMNESS of Numbers DEFINITION(QUERY:WHAT? V HOW?) ONLY Via MAXWELL-BOLTZMANN CLASSICAL-Statistics(MBCS) Hot-Plasma VS. Digits-Clumping Log-Law NON-Randomness Inversion ONLY BOSE-EINSTEIN QUANTUM-Statistics(BEQS) . Z. SIEGEL, EDWARD CARL-LUDWIG SIEGEL, FUZZY-ICS=CATEGORYICS(SON OF TRIZ) — RANDOMNESS of Numbers cognitive-semantics DEFINITION VIA Cognition QUERY: WHAT???, NOT HOW?) VS. computer-“science” mindLESS number-crunching (Harrel-Sipser-...) algorithmics Goldreich ”PSEUDO-randomness”[Not.AMS(02)] mea-culpa is ONLY via MAXWELL-BOLTZMANN CLASSICAL-STATISTICS(NOT FDQS!!!) ”hot-plasma” REPULSION VERSUS Newcomb(1881)-Weyl(1914;1916)-Benford(1938) ”NeWBe” logarithmic-law digit-CLUMPING/ CLUSTERING NON-Randomness simple Siegel[AMS Joint.Mtg.(02)-Abs. # 973-60-124] algebraic-inversion to THE QUANTUM and ONLY BEQS preferentially SEQUENTIALLY lower-DIGITS CLUMPING/CLUSTERING with  $d = 0$  BEC, is ONLY VIA Siegel-Baez FUZZY-ICS=CATEGORYICS (SON OF TRIZ)/”Category-Semantics”(C-S), latter intersection/union of Lawvere(1964)-Siegel(1964)] category-theory (matrix: MORPHISMS V FUNCTORS) ”+” cognitive-semantics” (matrix: ANTONYMS V SYNONYMS) yields Siegel-Baez FUZZYICS=CATEGORYICS/C-S tabular list-format matrix truth-table analytics: MBCS RANDOMNESS TRUTH/EMET!!!**

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FUZZYICS=CATEGORYICS(SON OF TRIZ)

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