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Marvin Antonoff, “FUZZYICS”, 1111 Hornblende, San Diego, CA 92109, and 6333 La Jolla Blvd., La Jolla, CA 92037, **Adolph Smith***, “FUZZYICS”, 1111 Hornblende, San Diego, CA 92109, and 6333 La Jolla Blvd., La Jolla, CA 92037, and **Edward Siegel**, “FUZZYICS”, 1111 Hornblende, San Diego, CA 92109, and 6333 La Jolla Blvd., La Jolla, CA 92037. *Digits Statistical-Correlations Logarithmic-Law: INVERSION to Bose-Einstein Quantum-Statistics, EXPANSION to Hyperbolicity “Noise” Power-Spectrum, Quantum-Chaos, Bose-Einstein Condensation: PHYSICS!* Preliminary report.

Digits ostensibly “pure-mathematics” Newcombe[Am. J. Math., 4, 39 (1881)]-Weyl[Goett. Nachr. (1914); Math. Ann., 77, 313 (1916)]-Benford[J. Am. Phil. Soc. 78, 115 (1938)]-Kac[*The Math. of Statistical-Reasoning*(1955)] empirical inter-digit (*on-average*) *statistical*-correlations “(NeWBeK)-Logarithmic-Law” $P(d) = \log_{(10)}(+1 + 1/d)$ (Hill[Proc. Am. Math. Soc., 123, 3, 887 (1995)]-Jech-Pietroniero rigorous proofs: root-cause: *scale-invariance* = base-invariance proof), with recent: Browne[N.Y.T.(8/4/98)]-Hill[Am. Sci. (7-8/98)]-Matthew’s [New Sci. (7/10/99)]-Nigrini[J. Am. Tax. Assn., 18, (1996)]-Burton-Greenspan *fraud* popularization’s, *Inversion to only Bose-Einstein* quantum-statistics (“Spin(e)less-BoZos”(S-P’s)) $1/[10^{(P)} - 1] = d(P)$ and *Expansion to* $1/[10^P - 1] \cong d(P) \cong “1”/[-1 + [1 + P + \dots]] \cong 1/P^{(1)} + \dots = “1”/(\omega \equiv P)^{(1.000\dots)}$ -*Hyperbolicity* “noise” power-spectrum power-law decay algebraicity critical-fluctuations, exhibits **PHYSICS**: phase-transition critical-phenomena, Gaussian-ORTHOGONAL-ensemble (GOE) Wigner-distribution “signature” of/concomitance to *quantum-chaos*, supersymmetry (SUSY)-breaking, *Bose-Einstein* ($[d = 0; P = 1 \text{ to } d = 1, P = 0.301]$ $GAP = 0.699 = 69.9\%$) CONDENSATION, phase-transition critical-phenomena: Digits are *BOSONS!* Many “surprise(S) in ‘theoretical’-*physics*”; Wigner converse: “On the Unreasonable Effectiveness of *PHYSICS* in Mathematics” (Received August 06, 2001)