

Abstract Submitted  
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**NON-Shor Factorization Via BEQS BEC: Watkins Number-Theory "Pure"-Mathematics U With Statistical-Physics; Benford Log-Law Inversion to ONLY BEQS digit d=0 BEC!!!** M. LYONS, EDWARD CARL-LUDWIG SIEGEL, FUZZYICS=CATEGORYICS(SON OF TRIZ)

— Weiss-Page-Holthaus[Physica A,341,586(04); <http://arxiv.org/abs/cond-mat/0403295>] number-FACTORIZATION VIA BEQS BEC VS.(?) Shor-algorithm, strongly-supporting Watkins' [[www.secamlocal.ex.ac.uk/people/staff/mrwatkin/](http://www.secamlocal.ex.ac.uk/people/staff/mrwatkin/)] Intersection of number-theory "pure"-maths WITH (Statistical)-Physics, as Siegel[AMS Joint.Mtg.(02)-Abs.973-60-124] Benford logarithmic-law algebraic-INVERSION to ONLY BEQS with d=0 digit  $\langle P(d=0) \rangle = \infty$  gap-FUL BEC!!! Siegel Riemann-hypothesis proof via Rayleigh[Phil.Trans.CLXI(1870)]-Polya[Math.Ann.(21)]-[Random-Walks & Electric-Nets., MAA(81)]-"Anderson"[PRL(58)]-localization-Siegel[Symp.Fractals,MRS Fall Mtg.(89)-5-papers!!!] FUZZYICS=CATEGORYICS: [LOCALITY]-MORPHISM/CROSSOVER/ AUTMATHCAT/DIM-CAT/ ANTONYM->(GLOBALITY) FUNCTOR/SYNONYM/ concomitance to "noise" <=/Fluct.-Dissip. theorem/ FUNCTOR/SYNONYM/ equivalence/proportionality to => "generalized-susceptibility" power-spectrum [FLAT/FUNCTIONLESS/WHITE]-MORPHISM/ CROSSOVER/AUTMATHCAT/DIM-CAT/ANTONYM-> HYPERBOLICITY/ZIPF-law INEVITABILITY) intersection with ONLY BEQS BEC).

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FUZZYICS=CATEGORYICS(SON OF TRIZ)

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