

Abstract Submitted
for the MAR16 Meeting of
The American Physical Society

P \neq NP Millenium-Problem(MP) TRIVIAL Physics Proof Via NATURAL TRUMPS Artificial-“Intelligence” Via: Euclid Geometry, Plato Forms, Aristotle Square-of-Opposition, Menger Dimension-Theory Connections!!! NO Computational-Complexity(CC)/ANYthing!!!: Geometry!!! LONDON CLAY, KARL MENGER, GIAN-CARLO ROTA, ALEXANDRIA EUCLID, EDWARD SIEGEL, FUZZYICS — P \neq NP MP proof is by computer-”science”/SEANCE(!!!)(CS) computational-”intelligence” lingo jargonial-obfuscation(JO) NATURAL-Intelligence(NI) DISambiguation! CS P=(?)=NP MEANS (Deterministic)•(PC)= (?)=(Non-D)•(PC) i.e. D•(P)=(?)= N•(P). For inclusion(equality) vs. exclusion (inequality) irrelevant (P) simply cancels!!! (Equally any/all other CCs IF both sides identical). Crucial question left: (D)=(?)=(ND), i.e. D =(?)= N. Algorithmics[Sipser[Intro. Thy.Comp.(‘97)-p.49;Fig.1.15!!!]]: Deterministic (D) serial VS. Non-deterministic (N) NON-serial, branch fork forms triangles, its vertices a plane. Menger Dimension-Theory: Dimensionality: D serial is $\dim(D)=1$ (definition), VS. N non-serial is $\dim(N)=[2(\text{branching;fork;triangle;plane})+E(\text{probabilistic})]>2(>>>)\neq 1!$ Hence by (Euclid[~-300 BCE]) simple geometry, $\dim(D)=1 \neq \dim(N)>2$, Left-to-Right INclusion VS. Right-to-Left EXclusion. Thus TRIVIALY P \neq NP!!! QED FIN, i.e. D \neq N by ~-300 BCE GEOMETRY, just “a tad” before CS CC JO!!! Harder proofs, but still amenable to NI analysis, are any combinations with DISsimilar CCs, especially LHS combining D with low CC and/or RHS combining N with different CCs: EXP and/or LOG! MUCH HARDER but still amenable to CC NI are: CROSS-MIXTURES: P=(?)=N•LOG, EXP=(?)=N•P, EXP=(?)=N•LOG,...

Edward Siegel
FUZZYICS

Date submitted: 31 Oct 2015

Electronic form version 1.4