

Abstract Submitted  
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**The Human Mind As General Problem Solver, Is Observed To Find “Best” Solutions, That Correspond To Highest Mental Coherence: Will Discuss “sing Glass Type Theory” of Princeton Physicist J J Hopfield, Points To How Best Use Our Own Human Mind!!** HENRY GURR, University of South Carolina Aiken, HENRY GURR TEAM — Princeton Physicist J. J. Hopfield’s Mathematical Model of the Mammalian Brain, (Similar To Ising Glass Model of a crystal of magnetic spin particles) says our Brain-Work for Memory, Perception, Language, Thinking, etc, (Even the AHA-EUREKA-Flash Of Insight Type Problem Solving), is achieved by our massively inter-connected CNS Neurons ... working together ... MINIMIZING an analog of physical energy ... thus yielding Optimal Solutions: These “best” answers, correspond to highest mental coherence, for most facets organism response, be it mental (eg: perception, memory, ideas, thinking, etc) or physical-muscular-actions (eg speaking, tool using, trail following, etc). Our brain is this way, because living creature, MUST be evolved, so they will find & use the best actions, for survival!!! Our human heritage, is to instantly compute near optimal future plans, (mental & physical-muscular), and be able to accomplish plans reliably & efficiently. If you know of book or articles in these topic areas, please email to HenryG—USCA.edu How to work well, with your own “self”, called mind-body, will follow!! Conjectures: Who is the “I” that appears to make decisions? Am “I” the master of my domain? Is there an “I” or am “I” merely an illusion of reality.

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