

Theory for Intelligence and Complex Self Organization in Physics, Biophysics, Astrophysics and Astrobiology

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Abstract

In gedanken-experiment, from a given perturbation in QVS/VEV, a given probability amplitude in a real tetradic-space timeline. This can be defined as a quantum cellular automata series and holographic enfoldment of exterior, as evolutionary development in a Quantum Biological algebraic manifold. Per Schrodinger's equation each particle is a wave function and geometric aggregates of given wave functions in phase spaces of movement and frequency. Each phase space has theoretical fundament in Four Causes [1] teleology.

As such the Annotated diagram of a prismatic opposition of each Physically-Computational being finding points of similarity and difference simultaneously across the DGW [2], for variegated frequencies of Computation of given external and internal perceptions, contiguously and in perpetuity of unique CNS thermodynamic signature of Self-organization, in such timelines demonstrating qualia of cosmological Manifold or dimensionality; Time/entropy; probability fields of subatomic-gauge electronic/protonic/neutronic valence exchange and decay rate; Magnetic moment and strength; biochemical molecular chains; photonic wave function as modular and categorical Dynamic system.

Keywords: Neutronic; Ontological; Epistemes; Contiguation; Dynamical theory; Fermions; Cosmological constant; Luisi's automata

Introduction

Empirical Truth likeness [Popper] in DGWE [2] of the Ontological category, is therefore relative, and a matter of system two state process by which Object-interaction relies on legacies of sociocultural and biophysical complexes and contiguous processes for purposes of Ontology and Epistemology in Semiotical reference this idea complexifies into the Manifold and M-theory. This ontology has been referred to in Pythagorean and Platonist ontology previous to granular discoveries of projective geometrical constants in quantum mechanics of field theory and vacuum fluctuations.

Therefore it is proposed in gedanken-experiment, a greater underlying order in M-theory regarding the potential existence of Meta-Teleology of Epistemes in an M-Ontology which generates all sets of Manifold dynamics and mechanics. In demonstration of gedanken-experiment e.g. RNA/DNA of Biophysics, Enfoldment of DGW-ICSO.

It is conjectured in MGDS-CEMGD [3] and subsequent capacity and morphosis of Computation, or Astrobiology of Solar life-cycle and galactic groupings in interstellar plasma physics, every material and anti-material object in DBBHSHP [4] demonstrates action chain or string of computational code on QVS/VEV which is indicative of the hypothesized M-theory as imprintation of Braneworld even at the scale of BCS Theory.

These dynamic Macro-objects are the catalyst for all material development in Manifold in perpetuity and contiguation in Dynamical Theory, in metaphor the Main programmes are the Number theory

which generates given moduli and Anti-R [4], per Charge Parity asymmetry re. Many Worlds of probability in given Manifold.

Time is defined by the Author [Jonah Lissner] as demonstrating "accretive and entropic qualities in stochastic and dynamic measure of a given Manifold topology, where the measure is of rate of decay of energy or matter, e.g. rate of solar aging. Therefore it can be said without rate of decay there is no classical definition for Time. However a relativistic definition of Time still holds across Universal inflation given Cosmological constant."

Therefore it can be stated decay occurs through inertia which is caused by momentum and gravitational pull by spin and torsion of wave functions and particle accumulations of interchange from fermions, bosons and leptons like photons, which punctuate sequence of inertia of baryons and mass into discrete time or Chrononic wave functions in a given discrete or massive phase space volume, in modes of accumulation and dissipation, and subsequent syntropic magnetic momentum across energetic thresholds.

The human being as a Biophysical entity is composed of many subsystems operating in an asymmetrically-unified effort directed by the central and peripheral nervous systems, e.g. the brain and peripheral or auxiliary, nervous units across the body to best delegate energy and responsa to internal and external events and perceived or planned events.

Just as there are many subsystems in the body outside of the CNS there are many subsystems within the CNS to operate most efficiently for the same reason to conserve energy expenditure and plan for current and future events. Generally speaking the CNS is divided into frontal, parietal, occipital, and temporal and lobes or s dealing respectively with vision, planning, coordination and delegation activities which are synthesized throughout the CNS in real-time.

Intelligence, emotions, ideas and Computational Physics are defined in particular ways and expressly as a complex, entropic system. However it can be supposed the CNS utilizing emotions as evolutionary safety-valves have the general definition of ability to plan and think abstractly, experience non-intellectual impressions and remember them to apply to certain experiences and situations, synthesize external and internal data to form new impressions, feelings and abstractions, and utilize a general method in which to understand past, present and new or future events. These activities are virtual, and have a place within CNS which when replayed in DGW to generate Mindspace and Mindscape [5].

Biological protocol for communication and computational coordination over billions of years of evolution, per species specialties; have developed their own computational arrays of social action, and in higher animals, languages and cultures; in humans, technology and civilization. As the B/CNS are integrated fully within the Physical Universe and not of a fundamental separation, it is proposed to better utilize theorems inherent in Biology, Physics, Mathematics, Logic and Brane Physics to understand better how human biophysics model the Universe within the enfoldment patterns of the CNS.

Whether the Inflationary Universe as a dynamic, Dynamic System began by Braided Manifold/M-theory or Big bang, the methods in which inertial and gravitational properties of fermions and bosons has generated increasingly Dynamic Systems is what ICSO is to address. Per Manifold Dynamic Systems theory chaos and novelty generation, and chaos theory are intertwined in that recursive processes are attracted to repetition in patterns. Dimensional categories of entropic system conditions have opposite values which the parameters for further complexities in are given category systems.

Luisi's Automata: A review and a reappraisal [6] is relevant to this argument as it explains away any tautology potentially inherent in

automata and demonstrates the systems theory for automata and makes room for variability of system hierarchy particularly in Biophysics and Information theory. Therefore, it can be asked, what is the status of life and living, in terms of Computational Physics? Ontology can be answered in several ways and demonstrated in biophysical energy mechanics and landscape.

Summary

A true automatical category-ontology is difficult but possible as such regarding ICSO. It is a way of learning how individuals can develop as separately to true form in the best methods of ontology and leave epistemology to their own methods in the computational identification and selection process. This is a useful application; Bohm's work in ontology is relevant, per his authorship of *The Implicate, Explicate and Superimplicate Order* [7,8].

References

1. http://en.wikipedia.org/wiki/Four_causes
2. DGW Dynamic Global Workspace of Intelligence and Complex Systems. DGWE Dynamic Global Workspace Effect.
3. MGDS-CEMGD Manifold Gauge Dynamism Schema-Chronelectromagnetic-Gravidynamics.
4. DBBHSHP De Broglie-Bohm-Hiley-Susskind Holographic Principle.
5. Jonah Lissner, *ibid*.
6. "Automata: A review and a reappraisal", Luisi, *Naturwissenschaften*.
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