



FROM THE OLD "MATERIAL-CAUSAL" PARADIGM'S "DARK-MATTER" & "DARK-ENERGY" TO "G-D'S PHYSICS" NEW PARADIGM'S "UNIVERSAL CONSCIOUSNESS REALITY" (UCR)!

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***Note:** Dr. Bentovish is currently seeking the most appropriate leading Academic Institute to assist him in carrying-out further necessary empirical validation and Theoretical elaboration of his New Twenty-first Century New 'G-d's Physics' Paradigm.

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ABSTRACT

Twenty-first Century Theoretical Physics is undergoing a profound "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm underlying both Relativity Theory (RT) and Quantum Mechanics (QM) to the New "G-d's Physics" ("Computational Unified Field Theory", CUFT), which stems from the apparent "theoretical-inconsistency" that seems to exist between RT & QM and the principle inability of the Old "Material-Causal" Model to account for up to 95% of all the mass and energy in the universe – i.e., termed: "Dark-Matter" and "Dark-Energy", but which represent purely hypothetical concepts which cannot be verified experimentally! In contrast, the New "G-d's Physics" Paradigm was shown capable resolving this apparent RT-QM inconsistency and discarded "Dark-Matter" and "Dark-Energy" as "superfluous" (i.e., non-existent!) based on its discovery of an alternative singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes every exhaustive spatial pixel in the universe at the incredible rate of " $c^2/h = 1.36^{-50}(\text{sec})!$ " This New "G-d's Physics" Paradigm is considered as the New 21st Century Paradigm in Physics and allows for the complete integration of the four basic physical features of "space" and "energy", "mass" and "time" as well as of the Four basic Forces (Weak, Strong, Electromagnetic and Gravitational) based on its discovery of a novel "Universal Computational Formula" computed by this singular UCP. Additionally, based on two of its newly discovered "Theoretical Postulates", namely: the "Computational-Invariance Principle" and the "Universal Consciousness Reality" (UCR), the New "G-d's Physics" Paradigm indicates that there exists only one singular higher-ordered UCR which exists both "during" its computation of each consecutive "Universal Frame" (UF) comprising the entire physical universe at every minimal time-point, and also "in-between" any two consecutive UF's frames in which the entire physical universe "dissolves" back into the singularity of this UCR! An urgent call is made to all Cosmologists, Astronomers and Experimental Physicists to validate two unique "Critical Predictions" of this New "G-d's Physics" Paradigm including the "Non-Continuous Accelerated Expansion of the Universe at the Jewish "Rosh-Hashana" (New Year) (NCAEU-JRH), and the greater number of "Fine Temporal Measurements" (FTM) of relatively "more-massive" particles such as the Muon than for relatively "less-massive" particles such as the electron – verification of which would substantiate this New "G-d's Physics" Paradigm as the New Paradigm for 21st Century Theoretical Physics!

INTRODUCTION

The New "G-d's Physics" Paradigmatic Shift

Twenty-first Century Theoretical Physics has reached a "Paradigmatic-Crisis" as clearly defined by Thomas Kuhn (1962) due to the fulfillment of a few troubling indications regarding: a) the apparent "theoretical inconsistency" between the two "pillars" of the Old "Material-Causal" Paradigm underlying both Relativity Theory and Quantum Mechanics; b) an inability to adequately explain a series of empirically validated phenomenon such as the accelerated expansion of the universe – which is "explained" through the Old

Material-Causal Model's purely hypothetical concepts of "dark-matter" and "dark-energy" that could not be detected experimentally and are still assumed to account for up to 95% of all of the mass and energy in the universe?! c) the emergence of a New "G-d's Physics" (also previously termed: the "Computational Unified Field Theory", "CUFT") which was shown capable of resolving this apparent "theoretical inconsistency" between RT & QM, as well as offer an alternative (testable) explanation for the accelerated expansion of the physical universe, thereby negating the existence of the purely hypothetical "dark-matter" and "dark-energy" concepts; and d) identify unique new "Critical

Predictions" that differentiate this New "G-d's Physics" (CUFT) Paradigm from those of both RT & QM!

Indeed, the goal of the current article is to outline the gist of this New "G-d's Physics" Paradigm of 21st Century Theoretical Physics, including its key theoretical postulates, revision of the Old "Material-Causal" Model's explanation of the origin- dynamics- nature- and evolution- of the physical universe, design, quantify and test some of this unique "Critical Predictions" characterizing this New "G-d's Physics" Paradigm, thereby de facto beginning to validate this New Paradigm for Twenty-first Century Physics! Perhaps, the best starting point to delineate the gist of the New "G-d's Physics" 21st Century Paradigm is by highlighting one of the key principle "theoretical inconsistencies" that exist within the pillars of 20th Century's Old "Material-Causal" Paradigm underlying both RT & QM, which is the (apparent) "theoretical inconsistency" that exist between Relativity's insistence upon a strict "Speed of Light Barrier" constraint imposed upon the transmission of any signal (or information) across space and time – as opposed to Quantum Mechanics (QM) discovery of a "Quantum Entanglement" phenomenon which indicates that the measurement of one "entangled-particle" found at a distance greater than can be traversed by the Speed of Light (signal) "instantaneously" determines (or affects) the "complimentary" subatomic ("space/energy" or "time/mass") of another "entangled particle" – thereby negating Relativity's strict "Speed of Light Barrier" for the transmission of any signal or effect across space and time!? In addition (as stated above), the fact that the empirically observed accelerated expansion of the physical universe – cannot be accounted for by either Relativity Theory or Quantum Mechanics both underlie by the Old "Material-Causal" 20th Century Paradigm, e.g., "explained" by a "purely hypothetical" "dark-matter" and "dark-energy" concepts which cannot be directly verified experimentally (despite numerous attempts to do so); forces 21st Century Theoretical Physics to seek an alternative "G-d's Physics" (CUFT) New Paradigm that can resolve these apparent "theoretical inconsistencies" that seem to exist between RT & QM, explain the accelerated expansion of the universe and also open new (exciting) frontiers for our deeper understanding of the physical universe!

In order to understand this basic "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" "A-Causal Computation" Paradigm, let us analyze the "common denominator" underlying Old "Material-Causal" Paradigm underlying both RT & QM: Succinctly stated, the Old "Material-Causal" Paradigm assumes that any relativistic or quantum subatomic phenomenon (or entity, process etc.) can be explained merely based on the direct (or indirect) physical interaction/s between a given set of material factors: In the case of General Relativity, the whole dynamics of the entire physical universe is explained based on Einstein's Equations indicating that it is the direct physical

interactions between certain given "massive objects" and "Space-Time" which "causes" the "curvature of Space-Time", and conversely that it is this "curved Space-Time" which determines (or "causes") the "travelling pathways" of those "massive" and other less massive objects. In Quantum Mechanics, it is assumed that the physical properties of any subatomic target particle's "probability wave function" can only be determined based on its direct physical interaction with a corresponding subatomic "probe" element which "causes" the "collapse" of this "probability wave function" into a single complimentary "space/energy", "time/mass" value; In other words, according to the Old "Material-Causal" Paradigm, the behavior of any relativistic or quantum phenomenon (or entity) in the universe is dependent upon its direct physical interaction/s with another material entity (force or factor etc.).

In contrast, the New "G-d's Physics" Paradigm is based upon the discovery of a new "Universal Computational Principle" (UCP) which is hypothesized to simultaneously compute every exhaustive spatial pixel in the universe at the unfathomable rate of " $c^2/h = 1.36^{50}$ (sec)!" This exciting discovery (along with "G-d's Physics" other new "Theoretical Postulates") point at a fundamental "Paradigmatic-Shift" towards a New "A-Causal Computation" Paradigm of "G-d's Physics"! This is simply because if the singular higher-ordered UCP simultaneously computes all exhaustive spatial pixels in the universe (at the incredible rate of " $c^2/h = 1.36^{50}$ sec!"), then this negates the possibility of the existence of any "material-causal" physical interactions between any two (or more) exhaustive spatial pixels in the universe! Indeed, according to this New "G-d's Physics" A-Causal Computation Paradigm at every such "minimal time-point" at which the UCP simultaneously computes all exhaustive spatial pixels in the universe, this produces an extremely rapid series of "Universal Frames" (UF's) comprising the entire physical universe at every minimal time-point; Moreover, the New "G-d's Physics" Paradigm postulates that "in-between" any two such consecutive UF's frame/s, the whole entire physical universe "dissolves" back into the singularity of the UCP which computes all exhaustive spatial pixels comprising each UF's frame/s! Therefore, according to this New "G-d's Physics" Paradigm, there cannot exist any direct (or even indirect) physical interaction/s between any two (or more) exhaustive spatial pixels – existing either in the same- or different- UF's frames, and moreover that there cannot exist any "transference" of any material or physical effect/s or even any material or physical entities (e.g., relativistic or subatomic) across any two consecutive UF's frame/s (once again, because the entire physical universe "dissolves" "in-between" any two consecutive UF's frames! In fact, due to this complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's frame/s and the inability to "transfer" or "sustain" any of the exhaustive spatial pixel, then this led to several of the more advanced Theoretical

Postulates of this New "G-d's Physics" Paradigm, e.g., first and foremost, the "Universal Consciousness Principle/Reality"! The "Universal Consciousness Principle/Reality" postulates that since the whole universe "dissolves" back into the singularity of the "Universal Computational Principle" (UCP) "in-between" any two consecutive UF's frame/s (and no exhaustive spatial pixel, or any associated material entity, "force" etc. can be "transferred" across any two consecutive UF's frames, therefore the only means for "sustaining", "retaining", "re-computing", and indeed "evolving" any exhaustive spatial pixel in the universe across the series of UF's frames computed by the singular higher-ordered UCP – may only be attained based on our recognition of this UCP's "Universal Consciousness" capacities – i.e., to "remember", "retain", "re-compute" and "evolve" any of the multifarious exhaustive spatial pixels comprising the entire physical universe! Therefore, it was realized that this Universal Computational Principle is actually also a "Universal Consciousness Principle" (or as we'll see shortly also a "Universal Consciousness Reality"!).

It may be therefore helpful, at this point to list briefly the principle "Theoretical Postulates comprising this New "G-d's Physics" Paradigm:

a) The "Universal Computational/Consciousness Principle"

According to the New "G-d's Physics" Paradigm, there exists a singular higher-ordered Universal Computational/ Consciousness Principle (UCP) which *simultaneously* computes every exhaustive spatial pixel in the universe at the unfathomable rate of " $c^2/h = 1.36 \cdot 10^{50}$ sec(!) giving rise to an extremely rapid series of "Universal Frames" (UF's) comprising the entire physical universe at every such "minimal time-point", wherein "in-between" any two such consecutive UF's frames the entire physical universe "dissolves" back into the singularity of this UCP! This UCP possesses three "Computational Dimensions", e.g.,: "Framework" ("frame" vs. "object"), "Consistency" ("consistent" vs. "inconsistent") and "Locus" ("global" vs. "local") – two out of which "Framework" and "Consistency" produce the four basic physical features of "Framework" – "consistent" ("space") or "inconsistent" ("energy") and "Object" – "consistent" ("mass") or "inconsistent" ("time) physical features that continuously and simultaneously compute any exhaustive spatial pixel in the universe for each consecutive UF's frame/s! Another key new discovery made by the New "G-d's Physics" (CUFT) Paradigm is its insistence that this singular higher-ordered UCP *simultaneously computes* all of the exhaustive spatial pixels in the universe for each consecutive UF's frame/s at the incredible rate of " $c^2/h = 1.36 \cdot 10^{50}$ sec(!); and that "in-between" any two consecutive UF's frames the entire physical universe and all of its constituting exhaustive spatial pixels "dissolve" back into the singularity of this singular higher-ordered UCP!.

b) "G-d's Physics" New "A-Causal Computation" Paradigm

Based on "G-d's Physics" New Paradigm's discovery that the singular higher-ordered UCP *simultaneously computes* all exhaustive spatial pixels comprising the entire physical universe – for each consecutive UF's frame/s (and that "in-between" any two consecutive UF's frames the whole universe "dissolves" back into the singularity of the UCP), a new "A-Causal Computation" characterization of "G-d's Physics" New Paradigm is acknowledged: essentially, the simultaneity of the UCP's computation of all exhaustive spatial pixels (and their complete "dissolution" "in-between" any two consecutive UF's frame/s back into the UCP) means that there cannot exist any "material-causal" physical interaction between any two (or more) exhaustive spatial pixels existing either in the same- or different- UF's frames! Rather, the same singular UCP computes simultaneously all exhaustive spatial pixels comprising the entire physical universe – which implies that there cannot exist any Relativistic or Quantum "material-causal" physical relationships, interactions, or effects! This negated many of the Old "Material-Causal" (20th Century Physics) Paradigm's basic assumptions underlying both Relativity Theory and Quantum Mechanics, including: the "Big-Bang" Model, Einstein's Equations, discarding of the hypothetical "dark-matter" and "dark-energy" concepts etc.

c) The "Computational Invariance Principle" & "Universal Consciousness Reality"

Another key new theoretical postulate of the New "G-d's Physics" Paradigm is the "Computational Invariance Principle" which posits that since only the UCP exists – continuously and consistently both "during" each consecutive UF's frame/s – solely computing (simultaneously) all exhaustive spatial pixels' four basic physical features of "space" and "energy", "mass" and "time", and also singularly exists "in-between" any two consecutive UF's frame/s (without the presence of the physical universe), therefore the "Computational Invariance Principle" theoretical postulate asserts that only this singular UCP may be regarded as "computationally-invariant" existing uniformly and "consistently" – both "during" its computation of each consecutive UF's frame/s and also "in-between" any two consecutive UF's frame/s, whereas the four basic physical features being computed for all exhaustive spatial pixels in the universe may only be regarded as "computationally-variant", e.g., existing only "transiently" and "phenomenally" ("during" each consecutive UF's frame/s but "dissolving" "in-between" any two consecutive UF's frames)! This new (profound) realization of the "Computational Invariance Principle" of "G-d's Physics" New Paradigm is also associated with another new theoretical postulate termed: the "Universal Consciousness Reality" (UCR) which posits that since the whole physical universe (e.g., and all of its constituting exhaustive spatial pixels) is only regarded as "computationally-variant" – existing only "transiently"

"during" each consecutive UF's frame/s but "dissolving back into the singularity of the UCR, whereas the singular higher-ordered UCP is considered to be "computationally-invariant" (existing continuously and consistently both "during" each consecutive UF's frame/s as computing each exhaustive spatial pixel's four basic physical features of "space" and "energy", "mass" and "time", as well as solely existing "in-between" any two consecutive UF's frames without the presence of any physical universe); therefore there only exists one singular "Universal Consciousness Reality" which exists consistently and continuously – manifesting as the phenomenal physical universe "during" its computation of every exhaustive spatial pixel of each consecutive UF's frame/s and existing without the presence of the physical universe, in-between any two consecutive UF's frames! Indeed, this new "Universal Consciousness Reality" carries with it a profound alteration of our basic perception and understanding of the physical universe – which ceases to exist as an "objective-independent" reality, and it transformed into the new theoretical understanding that (in truth) the entire physical universe only represents a "phenomenal, transient manifestation" of this singular UCR!.

d) The "Universal Computational Formula"

Based on "G-d's Physics" (CUFT) New Paradigm's discovery of the Universal Computational/Consciousness Principle (UCP) and its simultaneous computation of all exhaustive spatial pixels comprising each consecutive UF's frame/s it also revealed the existence of an integrated simultaneous computation of all the four basic physical features of "space" and "energy", "mass" and "time" as computed based on two out of the three basic "Computational Dimensions" of the UCP (delineated further below and previously):

Universal Computational Formula (UCF)

$$\left. \begin{matrix} \text{׃} \\ c^2 \\ - \\ h \end{matrix} \right\} \text{UF's } \{\aleph \dots \aleph \dots \aleph\} = \frac{s * e}{t * m}$$

Wherein the singular higher-ordered UCP – represented by the Hebrew letter "Yud" ("׃") simultaneously computes all exhaustive spatial pixels in the universe comprising each consecutive Universal Frame/s (UF's) which already exist in a "potential-from" within the UCP's "Supra Spatial-Temporal Reservoir" of all "past", "present" and multiple possible "future/s" UF's (represented by the Hebrew letters from "א through "מ " to "ן") depending on the Moral Choice of each Individual Human Consciousness – as computing and integrating these four basic physical features of "space" and "energy", "mass" and "time", at the incredible rate of: "c²/h" = 1.36⁻⁵⁰ sec'!

e) The "Dynamic Equilibrium" Moral Principle & UCP's "Multi Spatial-Temporal Reservoir"

Another key theoretical postulate of this New "G-d's Physics" Paradigm is the discovery of the UCP's associated "Dynamic-Equilibrium" Moral Principle and its associated "Multi Spatial-Temporal Reservoir" bank of all "past", "present" and multiple possible "future/s" UF's frames based on the "Moral/Immoral Choices" of each Individual Human Being towards another human being; Essentially, due to the "inseparability" of all Individual Human Consciousness (human beings) from this singular higher-ordered "Universal Consciousness Principle" (UCP) the New "G-d's Physics" Paradigm asserts that there is a basic fundamental "Dynamic-Equilibrium" Moral Principle characterizing the operation of this UCP – such that any "immoral-imbalance" created by any "immoral choice" made by any Individual Human Consciousness towards another Individual Human Consciousness is "corrected" and "balanced" by the UCR in a manner in which that Individual Human Consciousness which chose to "inflict pain/suffering" upon another Individual Human Consciousness – the UCP is selecting one of multiple "possible future/s" UF's frame/s in which it will also have to experience the same (nature and degree) of pain/suffering that it inflicted upon the other Individual Human Consciousness in order that it learns and realizes the basic "unity" and "inseparability" of all Individual Human Consciousness from the singular higher-ordered UCP and honors and respects all other such Individual Human Consciousness (just as pointed out by the Alter-Rabbi, Rabbi Schneur-Zalman in his famous Tanya Book, chapter 32)! Additionally, according to this new "Dynamic-Equilibrium" Moral Principle, since the whole "purpose" of the UCP's associated "Dynamic-Equilibrium" Moral Principle is to "teach", "correct" or "balance" any "immoral-choice/s" of any Individual Human Consciousness so that that Individual Human Consciousness acknowledges and "realizes" its "unity" with the UCP and inseparability from all other Individual Human Consciousness – so that it could not and would not consider or execute any "immoral-choice/s" toward any other Individual Human Consciousness, therefore there is another possibility carved out by the singular higher-ordered UCP of "teshuva" – e.g., repentance, a sincere regret relating to the "immoral choice" and a conscious decision not to repeat it in the future – which "circumvents" and replaces the need of that Individual Human Consciousness to experience itself the abovementioned "negative future" that is equivalent to its own "wrongdoing"... Finally, this "Dynamic-Equilibrium" Moral Principle may be seen as part of the overall "Goal" of the UCP's constant and continuous origination- sustenance- "dissolution" and evolution- of the entire physical universe – which is to bring the World towards its "Perfected- Geula" State of Moral, Spiritual and even Physical Perfection, in which the oneness and integrity of all creation as part of the singularity of the UCP will be realized and acknowledged by Humanity,

see next "Reversed-Time Goal Hypothesis" theoretical postulate;

f) The UCR's "Expansive Consciousness Spectrum Hypothesis" & "Reversed-Time Goal Hypothesis"

Another two profound and key theoretical postulates of the New "G-d's Physics" Paradigm are: the UCR's – "Expansive Consciousness Spectrum Hypothesis" & "Reversed-Time Goal Hypothesis"; the "UCR's Expansive Consciousness Spectrum Hypothesis" stipulates that as part of the UCP/UCR's ultimate Goal of driving the world (and entire universe) towards a "Perfect State" – called "Geula" in Jewish Tradition in which the oneness and unity of all creation as integral parts of the singular higher-ordered UCP/UCR will be recognized by Humanity; the UCR computes-, "dissolves", "re-computes"- and evolves- the forms manifested by this singular UCP/UCR from "inanimate" matter (e.g., subatomic particles and the entire macroscopic universe) through "animate" forms of plants, then animals then human-beings – which represents the most "expansive" form of Consciousness; and ultimately leads this much "refined" and more "Expansive" form of Human Consciousness towards its ultimate "expanded" manifestations of this singular Universal Consciousness Reality which are expressed in the "expanded form of Individual Human Consciousness" (previously delineated) in which Individual Human Consciousness "expands" to a state in which it is "not separate" and functions in "unity" with the Universal Consciousness Reality (e.g., sometimes related to as states of "Prophecy" such as with Moses!); Another manifestation of this expansion of Individual Human Consciousness occurs also in "special times" and states of "Collective Human Consciousness Focus (Hypothesis)" (also delineated below and previously) – such as during the Jewish "Rosh-Hashana" (New Year) time-interval in which Millions of Jews (all over the world) collectively focus on- and pray to- this singular higher-ordered "Universal Consciousness Reality", i.e., "G-d"! As published and delineated previously, this New "G-d's Physics" profound expansive new perspective on the development and evolution of the entire cosmos – including its "inanimate" manifestations of all material compositions, e.g., including the relativistic accelerated expansion of the physical universe as well as all subatomic (quantum) particles, forces and phenomena, all "animate" forms of "plants", "animals" and "human-beings" brings about an entirely new and integrated view on the origination- and evolution- of the physical universe and all biological forms – not as "caused" by any "random" Big-Bang nuclear explosion but as driven and computed by the singular higher-ordered UCR whose sole Goal is to bring the entire physical universe and our own world towards the State of "Geula" Perfection (Morally, Spiritually and Physically); Indeed, the additional "Reversed-Time Goal Hypothesis" theoretical postulate posits that the entire origination of the entire physical universe continuous and constant computation by the UCP (simultaneously) of all

exhaustive spatial pixels in the universe for every consecutive UF's frame/s from its onset- in the "first" UF frame and until this date and onwards until the UCP/UCR brings the universe into its ultimate "Goal" of a Perfected: Morally, Spiritually and Physically State; This "Reversed-Time Goal Hypothesis" simply posits that the entire origination- sustenance and evolution of the entire physical universe – is driven by its drive to bring the world towards its ultimate Perfected "Geula" State of Moral, Spiritual and even Physical Perfection (e.g., in which there will not be any longer "death!"); a State in which all Human Being will recognize and realize the oneness of all creation with this singular higher-ordered Universal Consciousness Reality (UCR), and therefore there could not exist any longer any such "negative" phenomena of "violence", "aggression", "crimes" or "immoral behavior", and on the contrary Humanity's (and Science's) ultimate recognition of the singular higher-ordered UCR as the sole reality that drives and sustains the entire universe will lead to an attitude of "reverence", "gratitude" and "studying" of this "All-Goodness", "Divine" "Universal Consciousness Reality" ("G-d"!), as anticipated by the great Jewish Sage and Teacher, Maimonides (in his monumental "Mishna-Torah" masterpiece)...

1. G-d's Physics New "A-Causal Computation" Paradigm!

The Major "Paradigmatic-Shift" brought about by the New "G-d's Physics" Paradigm is associated with its discovery of the singular higher-ordered "Universal Computational Principle" (UCP), which simultaneously computes all exhaustive spatial pixels in the universe, e.g., for each minimal time-point, thereby producing an unfathomably rapid rate of " c^2/h " = 1.36^{50} (sec) of a series of "Universal Frames" (UF's) comprising the entire physical universe! The key point to be noted is that since this UCP simultaneously computes all exhaustive spatial pixels comprising the entire physical universe at each such minimal time-point, therefore there cannot exist any direct or even indirect physical interaction/s between any two (or more) exhaustive spatial pixels existing in any given single or multiple UF's frames! Moreover, due to the complete "dissolution" of all of these exhaustive spatial pixels comprising any single or multiple UF's frames back into the singularity of the UCP – "in-between" any two such consecutive UF's frames, therefore there cannot exist also any direct or indirect "material-causal physical relationship/s or effect/s between any two (or more) exhaustive spatial pixels existing in different UF's frame/s! Hence, the New "G-d's Physics" Paradigm represents a new "A-Causal Computation" Paradigm that negates the very possibility of the existence of any "material-causal" physical relationship/s, interaction/s effect/s or even "laws"! This is simply because once the simultaneity of the UCP's computation of every exhaustive spatial pixel in the universe (for each consecutive UF's frame/s) is realized there cannot exist any (direct or indirect) physical interaction/s between any two (or more) exhaustive

spatial pixels – existing either in the same or different UF's frames!.

Therefore, the New "G-d's Physics" Paradigm completely alters and revises our basic conception and understanding of the entire physical universe – its origin, sustenance, evolution and ultimate "Goal": The universe was not created or "caused" by an initial nuclear event – since there could not have been any direct (or even indirect) "material-causal" physical interactions between any two (or more) exhaustive spatial pixels (e.g., comprising the suns, galaxies, planets, space, energy and mass which are assumed to have been erupted and created by this initial "Big-Ban" nuclear event) – i.e., in the "first", "second", "third" etc. UF's frames, nor could there have been any "transference" of any "material-entity" or any "material-effect" across any two consecutive UF's frames! More significantly, the entire physical universe "dissolves" between any two such consecutive UF's frames – back into the singularity of the UCP, so that Science must acknowledge the basic fact that the entire physical universe is being created- "dissolved"- re-created- and evolved- so many Billions of times (e.g., $c^2/h = 1.36^{50}$ sec!) per second by this singular higher-ordered Universal Computational /Consciousness Principle! Likewise, Einstein's famous equations at the center of General Relativity Theory (GRT) which assume that the whole dynamics and evolution of the entire physical universe is based upon direct physical interactions between certain "massive-objects" which "cause" the curvature of Space-Time, and conversely that the "travelling-pathways" of these "massive-objects" and other "less-massive objects" is "caused" or determined by the curvature of "Space-Time" by these "massive-objects" – is once again challenged and (in fact) negated by this New "G-d's Physics" A-Causal Computation Paradigm! This is, once again, due to the *simultaneity* of the UCP's computation of all exhaustive spatial pixels in the universe, e.g., for each consecutive UF's frame/s – which negates the possibility of the existence of any such "material-causal" physical interactions between any such given "massive-objects" and their assumed "curvature of Space-Time" (or conversely the determination of the "travelling-pathways" of any of these "massive/less-massive objects" and "curved Space-Time"!).

In much the same manner, The New "G-d's Physics" Paradigm negates and cancels the existence of the purely hypothetical "Dark-Matter" and "Dark-Energy" concepts assumed by the Old "Material-Causal" Paradigm (underlying both RT & QM) to constitute the sole "cause" for the (empirically observed) accelerated expansion of the physical universe! The reason for this negation of the existence of "Dark-Matter" and "Dark-Energy" as "superfluous", i.e., "non-existent" (!) is twofold: a) alike the purely hypothetical "ether" concept of pre-Einstein's 1905's & 1915's Relativity Theory – which was also assumed to exist but could not be experimentally detected, those purely hypothetical

"Dark-Matter" and "Dark-Energy" concepts fail to be detected directly experimentally, despite numerous attempts to do so! b) from a theoretical standpoint, such a (purely "hypothetical") cannot, in fact, exist because it is based on a "material-causal" assumption (e.g., associated with the Old "Materia-Causal" Paradigm of RT & QM) wherein it is assumed that these "Dark-Matter" and "Dark-Energy" entities "cause" the accelerated expansion of the physical universe; But, as we've already seen, such a "cause-and-effect" "material-causal" physical relationship between these (purely hypothetical) "Dark-Matter" and "Dark-Energy" entities and the accelerated expansion of the universe, existing at any single- or multiple- UF's frames is negated by the simultaneity of the UCP's computation of all exhaustive spatial pixels, for each consecutive UF's frame/s! This is because at no single- or multiple- UF's frame/s can there exist any "material-causal" (direct or even indirect) physical interaction/s between any two (or more) exhaustive spatial pixels comprising any such single- or multiple-UF's frames! Moreover, as we've seen the entire physical universe "dissolves" back into the singularity of this higher-ordered UCP, which means that there cannot exist any "material-causal" relationships existing across any two consecutive UF's frames! So, these purely hypothetical "Dark-Matter" and "Dark-Energy" concepts cannot operate or exist – either within any given single or multiple UF's frame/s, or indeed "in-between" any two such consecutive UF's frames!?

Likewise, the Old "Material-Causal" basic assumption manifesting through QM's assumption wherein it is the direct physical interaction between a given subatomic "probe" element and a corresponding subatomic "target's" (assumed) probability wave-function" – which "causes" the "collapse" of this target's "probability wave function's" into a singular complimentary "space-energy", "mass-time" value – is strictly challenged and (in fact) negated! This is because (once again), any such "material-causal" (direct or indirect) physical interactions between any two (or more) exhaustive spatial pixels – existing either in the same- or different- UF's frame/s is negated based on the simultaneity of the UCP's computation of all exhaustive spatial pixels of the universe for each consecutive UF's frames, and the complete "dissolution" of the universe "in-between" any two consecutive UF's frame/s (back into the singularity of the UCP, which solely exists "in-between" any two such consecutive UF's frame/s)! So, we realize, that there cannot exist any direct physical interactions between any two assumed subatomic "probe" and "target's" probability wave-function" – existing either in the same- or different- UF's frame/s; simply because even if two such (hypothetical) subatomic elements existed, they could not interact physically (at any single or multiple) UF's frame/s due to their *simultaneous computation* for each consecutive UF's frame/s (and the complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's frame/s!).

Perhaps it is befitting to mention here, one of the elements of the "Cinematic-Film Metaphor" which has been presented previously as a (somewhat) "equivalent" metaphor for the New "G-d's Physics" Paradigm's depiction of the UCP's continuous computation-"dissolution"- re-computation and evolution of every exhaustive spatial pixel in the universe for each consecutive UF's frame, in order to better understand the UCP's underlying "dynamics" of the constant creation-"dissolution"- re-creation- and evolution- of the entire physical universe (so many Billions of times per second)! According to this "Cinematic Film Metaphor", imagine a film scenario depicting a given "Mercury Ball" impacting another "Glass-Jar" (filled with water), which seems to "cause" the "breakage" of this "Glass-Jar" and "spillage of the water" (contained in that jar); Even though it seems to our "naked eye" that it is the impact of the "Mercury-Ball" on the "Glass-Jar" that "caused" the "breakage of the Glass-Jar" (and the consequent "spillage of water") – if we were to "slow-down" the progression of the film-frames, we would undoubtedly find out that at no single- or multiple- UF's frame/s does can there exist any direct physical interaction between these two "Mercury-Ball" and "Glass-Jar" objects!?! This is because we would notice that throughout the progression of these consecutive film-frames depicting the apparent scenario of the "Mercury-Ball's" apparent "impact" on the "Glass-Jar" – in all film-frames both the "Glass-Jar" and the "Mercury-Ball" are being presented *simultaneously!* In truth, all that "happens" is the depiction of these two objects at ever close spatial proximity – until they seem to "conjoin" spatially, but in all of these consecutive film-frames, the "Glass-Jar" and "Mercury-Ball" are being presented simultaneously for each of these consecutive film-frames, thereby negating the very possibility of any "physical interaction" between them!?! So, we reach the inevitable theoretical conclusion wherein, in truth, there does not exist any direct (or indirect) physical interaction/s between these "Glass-Jar" and "Mercury-Ball" objects – but rather the "Producer" of the film has "arranged" the appearance of these two adjacent objects to be presented at such a sequence of film-frames at ever-closer spatial proximity; and the presentation of the "spillage of water" from the Glass-Jar – in a film-frame consecutive to the one depicting the "breakage" of the Glass-Jar; which gives us the perception (or impression) that in fact, it was the direct physical impact of the "Mercury-Ball" upon the "Glass-Jar" which "caused" the "spillage of water" (from that "Glass-Jar")... But, once we realize that throughout all of these consecutive film-frames, there cannot exist any direct (or indirect) physical interactions between the "Glass-Jar" and "Mercury-Ball", we must reach the inevitable conclusion that it is only our perception (or interpretation) of the sequence of film-frames – arranged by the "Producer" of the film depicting the ever-closer proximity of the Mercury-Ball to the Glass-Jar that seems to suggest that there exist any "cause-and-effect" physical relationship between these two objects, which we realize cannot truly exist! So, utilizing this

"Cinematic-Film Metaphor" for our discussion of the New "G-d's Physics" Paradigm's novel theoretical account for the "true dynamics" underlying the Old "Material-Causal" Paradigm's Quantum Mechanical assumption wherein it is the direct physical interaction between the subatomic "probe" and assumed "target's probability wave function" which "causes" the "collapse" of this assumed "target's probability wave function" – reveals for us that similarly the "appearance" of such "cause-and-effect" direct physical interaction between the subatomic "probe" and "target's (assumed) probability wave-function" does not represent the "true-nature" of the UCP's singular and simultaneous computation of any two (or more) exhaustive spatial pixels (including the assumed "probe" and "target's probability wave function")! Instead, what truly exists is the sole and singular UCP's computation of every "single spatial-temporal particle" or "multiple spatial-temporal wave" elements within its exhaustive (simultaneous) computation of all exhaustive spatial pixels comprising any consecutive UF's frames, which gives us the "impression" of the existence of "material-causal" physical relationships between the subatomic "probe" and "target's (assumed) probability wave-function" – which nevertheless does not exist, e.g., due to the simultaneity of the UCP's computation of all exhaustive spatial pixels comprising every consecutive UF's frames!.

Essentially, the New "G-d's Physics" Paradigm reveals an entirely "A-Causal Computation" basis for the origination- sustenance- and evolution of the physical universe – in which any kind of "material-causal" physical relationships, are negated (and prohibited)! This is because once we realize that it is solely the existence of the singular, higher-ordered "Universal Computational/Consciousness Principle" (UCP) which *simultaneously computes all exhaustive spatial pixels in the universe* (e.g., for each consecutive UF's frame/s); and that, in fact, all of the universe's exhaustive spatial pixels "dissolve" "in-between" any two consecutive UF's frames back into the singularity of this UCP; the inevitable theoretical conclusion derived from this New "A-Causal Computation" G-d's Physics' Paradigm is that there cannot exist any direct or indirect physical interactions (or relationships) between any two or more exhaustive spatial pixels found either within the same- or different- UF's frames! Instead, we are led to the (surprising) recognition (and realization) that the sole existence- origination- dynamics- and evolution- of the entire physical universe is solely attributed to the existence of the singular, higher-ordered Universal Computational/Consciousness Principle (UCP) – which exists both "during" its simultaneous computation of every exhaustive spatial pixel in the universe for each consecutive UF's frame/s it computes; as well as solely exists "in-between" any two consecutive UF's frames – in which the entire physical universe "dissolves" back into the singularity of this UCP! So, we see, that the universe was not created (or "caused") by an initial "Big-

Bang" nuclear event, nor is it based on- or governed by-Einstein's Equations' "material-causal" assumption; or expanded (at an accelerated rate) by any purely "hypothetical" "Dark-Matter" or "Dark-Energy" concepts; Nor does it comprise any direct physical interaction/s at the subatomic level between any given subatomic "probe" element and a corresponding (assumed) "target's probability wave-function" which is assumed to "collapse" into (or "cause") a singular (complimentary) "space-energy", "mass"-time" target value!?!; Instead, the physical universe is being continuously "created"- "dissolved"- re-created- and evolved so many Billions of times each second by the singular, higher-ordered "Universal Computational/Consciousness Principle" (UCP) which constitutes the sole reality behind the manifestation of the apparently physical universe!.

2. A New "Universal Consciousness Reality" (UCR) Based Universe!

This basic revision of Twenty-first century Theoretical Physics from the Old "Material-Causal" Paradigm to the New "G-d's Physics" "A-Causal Computation" Paradigm brings about a profound change in our conception of the true nature of the physical universe; First, in order to explain the manner in which this New "G-d's Physics" singular, higher-ordered "Universal Computational/Consciousness Principle" (UCP) simultaneously computes every exhaustive spatial pixel in the universe (for each consecutive UF's frame/s), a new "Universal Computational Formula" (UCF) was discovered which indicates that this singular UCP simultaneously computes the four basic physical features of "space" and "energy", "mass" and "time" based on two of the UCP's "Computational Dimensions", namely: "Framework" (frame/object) and "Consistency" – simultaneously for all exhaustive spatial pixels comprising the entire physical universe, for each consecutive UF's frame/s! Indeed, this newly discovered "Universal Computational Formula" (UCF) completely integrates – for the first time in Theoretical Physics history between these four basic physical features of "space" and "energy", "mass" and "time" as secondary integrated computational by-products of this singular higher-ordered UCP! Note that Einstein's General Relativity Theory (GRT) was only capable of unifying between "space" and "energy" – e.g., as a four-dimensional "Space-Time" continuum; between "energy" and "mass" – based on Einstein's famous "E=Mc²" "Energy-Mass Equivalence"; and somewhat associate between "mass" and "Space-Time" based on Einstein's Equations, e.g., indicating that "massive objects" "cause" a "curvature of Space-Time", and that this "curved Space-Time" "causes" (or determines) the "travelling-pathways" of these and "massive-objects" and other "less-massive objects"; In contrast, for the first time in Physics history, the New "G-d's Physics" Paradigm's newly discovered UCF portrays a "New Universe" – in which these four basic physical features are completely integrated based on the simultaneous computation of the

singular higher-ordered UCP of every exhaustive spatial pixels four basic physical features!

Universal Computational Formula (UCF)

$$\left. \begin{matrix} \text{c}^2 \\ - \\ \text{h} \end{matrix} \right\} = \frac{\text{s} * \text{e}}{\text{t} * \text{m}}$$

UF's {א...נ...ס}

wherein the singular higher-ordered UCP – represented by the Hebrew letter "Yud" ("י") simultaneously computes all exhaustive spatial pixels in the universe comprising each consecutive Universal Frame/s (UF's) which already exist in a "potential-from" within the UCP's "Supra Spatial-Temporal Reservoir" of all "past", "present" and multiple possible "future/s" UF's (represented by the Hebrew letters from "ס through א" to "י") depending on the Moral Choice of each Individual Human Consciousness – as computing and integrating these four basic physical features of "space" and "energy", "mass" and "time", at the incredible rate of: "c²/h" = 1.36⁻⁵⁰ sec⁻¹.

It is also worthwhile to note that this newly discovered UCF also completely integrates between the properties of Relativity Theory (RT) and Quantum Mechanics (QM) – as can be clearly seen from the two respective Formats of this singular UCF:

As a matter of fact, both RT and QM are seen (for the first time) as "special-cases" within the new (broader) theoretical framework of this "G-d's Physics" New UCF: Indeed, further theoretical and empirical scientific research is needed to validate and quantify these "special cases" of RT and QM, e.g., just as the great Einstein predicted (e.g., for the fate of his Relativity Theory): When asked: does he think that (his) Relativity Theory would hold "true" 100 years forward, he answered (humbly): that he does not believe that Relativity Theory would hold valid as the ultimate truth in 100 years, but rather he wishes for Relativity Theory to become a "special-case" in a broader theoretical understanding! Quite amazingly, the discovery of the UCF does open new, broader horizons for the future development of Theoretical & Experimental Physics – including through its complete integration of the Four basic Forces (as published in one of the articles of this Special Issue)! Specifically, it was predicted that all of the known elementary particles in the Standard Model would be shown to be derived from the computational relationships described in this UCF – and indeed new yet un-discovered "elementary particles" would be discovered and verified empirically based on the mathematical relationships described in this novel UCF!

But, perhaps even more significant than this profound complete integration between the four basic physical features of "space" and "energy", "mass" and "time" as secondary-integrated computational properties of the singular higher-ordered UCP simultaneous computation of every exhaustive spatial pixel in the universe (for each consecutive UF's frame/s); and its complete integration of the Four basic Forces (Strong, Weak, Electromagnetic and Gravitational) as solely derived from the UCP's UCF – including the "special-cases" of each known (and to be discovered) "elementary particle" described by the Standard Model; is "G-d's Physics" two new specific "theoretical postulates" – namely: the the "Computational Invariance Principle" and the "Universal Consciousness Reality", which completely alter our basic conception and understanding of the true nature, dynamics and "Ultimate Goal" of the physical universe! According to the "Computational Invariance Principle", since only this singular, higher-ordered UCP exists uniformly and continuously – both "during" its simultaneous computation of every exhaustive spatial comprising the entire physical universe computed for each consecutive UF's frame; and also solely exists – without the presence of any physical universe "in-between" any two consecutive UF's frame/s; whereas the entire physical universe (and all of its constituent exhaustive spatial pixels) only exists "transiently" and "phenomenally" – "during" each consecutive UF's frame/s as solely computed by this UCP, but "dissolves" back into the singularity of the UCP "in-between" any two consecutive UF's frames; therefore the "Computational Invariance Principle" posits that only this singular higher-ordered UCP may be considered as "computationally-invariant", e.g., existing uniformly and permanently, whereas the entire physical universe may only be regarded as "computationally-variant" – i.e., existing only "transiently" and "phenomenally" "during" each consecutive UF's frame/s but ceasing to exist and "dissolving" back into the singularity of the UCP "in-between" any two consecutive UF's frames!?

Consequently, the (second) "Universal Consciousness Reality" theoretical postulate of the New "G-d's Physics" Paradigm of 21st century Theoretical Physics postulates that since the only permanent and continuous reality behind the universe is this singular higher-ordered "Universal Consciousness Principle" (UCP) – which also solely exists (without the presence of any physical universe) "in-between" any two consecutive UF's frames, therefore what truly exists is only a singular unitary "Universal Consciousness Reality" – which exists both "during" its computation of each consecutive UF's frame/s (of every exhaustive spatial pixel in the universe), as well as "in-between" any two consecutive UF's frame/s; and that in fact, the entire physical universe only represents a "transient-phenomenal" manifestation of this singular higher-ordered "Universal Consciousness Reality"! The key note to be noted, here is that the physical universe ceases to exist as a "solid-objective" material entity – instead being transformed

into a mere manifestation of the singular higher-ordered UCR! Consequently, our whole understanding of the true nature- origin- dynamics- and evolution- of the physical universe is undergoing a profound metamorphosis from the Old "Material-Causal" Paradigm underlying both Relativity Theory and Quantum Mechanics towards the New "G-d's Physics" realization that the universe does not exist "independently" of this singular higher-ordered UCR, but in fact is totally dependent upon this singular UCR and therefore that our whole studying and understanding of the origin- nature- dynamics- and evolution- of the universe must rely upon the intrinsic characteristics of this singular higher-ordered UCR! Specifically, it was discovered that the UCR operates based on "Ten Laws of Hierarchical Manifestation", which are herein outlined:

a) The UCP's Three "Computational Dimensions": Framework, Consistency and Locus

The first ("lowest") Law of Manifestation is the UCP's three "Computational Dimensions" of "Framework" (frame/object), "Consistency" (consistent/inconsistent) and "Locus" (global/local), which were shown to produce the four basic physical features of "space" and "energy" (i.e., "frame-consistent" or "frame-inconsistent") or "mass" and "time" (e.g., "object-consistent" or "object-inconsistent") computational measures. This means that the UCP's basic computation of the four basic physical features of the physical universe of "space" and "energy", "mass" and "time" are seen to merely represent different computational combinations of the UCP's (UCR's) two Computational Dimensions (Framework and Consistency – with the third "Locus" Computational Dimension qualifying these four basic physical features depending on the particular point of view of the "observer", e.g., from within the measured phenomenon or from the perspective of the entire UCP's frame etc.).

b) The UCP's "Universal Computational Formula" (UCF): Complete Integration of Space, Energy, Time & Space

The "second" (ascending) UCP's Law of Manifestation is its "Universal Computational Formula" (UCF) which completely integrates those four basic physical features of "space" and "energy", "mass" and "time" – due to the UCP's simultaneous computation of each of those exhaustive spatial pixel's four basic physical features! We find that due to the fact that the UCP simultaneously computes all of those four basic physical features simultaneously for each exhaustive spatial pixel therefore the UCP's "Universal Computational Formula" (UCF) describes the manner in which these four basic physical features are computed simultaneously (for each exhaustive spatial pixel comprising every consecutive UF's frame/s)! As explained previously, we find that this integrated simultaneous computation of the UCP – of those four basic physical features implies that they are truly not "separate" or "independent" of each other, but rather represent integrated- and (in fact)

"complimentary" secondary computational "by-products" of the same singular UCP's computation of every exhaustive spatial pixel (in the universe), in terms of its "Object"/"Frame" – "Consistent"/"Inconsistent" computational measures; As explained previously, for instance, the well-known relativistic "laws" (and relationships), such as between an object's relativistic speed and its increase in "mass" or "dilation of time" – may be easily explained based on the UCP's simultaneous and integrated computation of any given object's (increased) "Object-consistent" ("mass") value and its (decreased) "Object-inconsistent" ("time") value, or between an object's (increased) "Frame-inconsistent" ("energy") value and its (increased) "Object-consistent" ("mass") value; this is due to the fact that the UCP's computational definitions of any give (exhaustive) spatial pixel's "Object-consistent" ("mass") is converse to its computational definition of that spatial pixel's "Object-inconsistent" ("time"), and likewise due to the UCP's computational definition of any given (exhaustive) spatial pixel's "Frame-inconsistent" ("energy") value is necessarily conversely related to its computational definition of that spatial pixel's "Object-consistent" ("time") value, due to certain UCP's computational constraints set on the "maximal degree of displacement" possible of any given object (e.g., in terms of the number of spatial pixels it may be displaced across any two given consecutive UF's frame/s!) Indeed, in this manner the discovery of "G-d's Physics" "Universal Computational Formula's" complete unification of the four basic physical features of "space" and "energy", "mass" and "time" (as "Frame"-consistent/"inconsistent" and "Object"-consistent/"inconsistent" computational measures) has led not only to the unification of key relativistic and quantum features as integral computational aspects of the UCF, but (perhaps more significantly) also led to a complete unification of space, energy, mass and time as secondary computational integrative aspects of the same unitary singular UCR, including its replication and explanation of key Relativistic and Quantum "law" and relationships such as the "Energy-Mass Equivalence", the "curvature of Space-Time by mass" the "dilation of time" for "relativistic observers" (or for "massive objects") etc. Indeed, one of the recent "striking" new discoveries made through this UCF is its potential accounting for all known (and to be discovered) elementary particles predicted by the Standard Model – as merely representing different computational values embedded within this UCP's "Universal Computational Formula"; as well as unifies between the four basic forces (Weak, Strong, Electromagnetic and Gravitational)! Nevertheless, as pointed out above (and previously), "G-d's Physics" realization of the "Computational Invariance Principle" and especially of the "Universal Consciousness Reality" (UCR) teaches us that none of these "transient-phenomenal" "particles", or "forces" or even four basic physical features (of "space" and "energy", "mass" and "time") may be regarded as "real" continuous "independent" material entities – but are now only seen

as transitory manifestations of the singular higher-ordered UCR!

Universal Computational Formula (UCF):

$$\left. \begin{matrix} \text{׳} \\ c^2 \\ - \\ h \end{matrix} \right\} \text{UF's } \{\aleph \dots \aleph \dots \aleph\} = \frac{s * e}{t * m}$$

(Note: herein the singular higher-ordered UCP – represented by the Hebrew letter "Yud" ("׳") simultaneously computes all exhaustive spatial pixels in the universe comprising each consecutive Universal Frame/s (UF's) which already exist in a "potential-from" within the UCP's "Supra Spatial-Temporal Reservoir" of all "past", "present" and multiple possible "future/s" UF's (represented by the Hebrew letters from "א through "ז" to "ת") depending on the Moral Choice of each Individual Human Consciousness – as computing and integrating these four basic physical features of "space" and "energy", "mass" and "time", at the incredible rate of: "c²/h" = 1.36⁻⁵⁰ sec!).

c) The UCP's Supra Spatial-Temporal Reservoir: Multiple Possible Future/s!

The next "rung" UCP's "Hierarchical-Law of Manifestation" relates to the UCP's computation of all possible "past", "present" and multiple possible "future/s" UF's frame/s which are contained within the UCP's "Multi Spatial-Temporal Reservoir"! Indeed, according to "G-d's Physics" New Paradigm, since there cannot exist any direct (or even indirect) physical interaction/s between any two (or more) exhaustive spatial pixels existing either in the same- or different-UF's frames – but rather the UCP simultaneously computes all of these exhaustive spatial pixels comprising each consecutive UF's frame/s; therefore there exists a "bank" of all "past", "present" and multiple possible "future/s" UF's frame/s which are computed by the UCP and stored within it – which in turn are dependent upon still higher "rung" "Hierarchical-Laws of Manifestation", i.e., such as the "Dynamic-Equilibrium Moral Principle"! It is nevertheless noteworthy to mention (at this point) that this UCP's "Supra Spatial-Temporal Reservoir" transcends "space" and "time" – as it includes all "past", "present" and multiple possible "future/s" UF's, and also that it exhibits a "unitary-integrative-singular" Reality which encompasses all past, present and multiple future/s UF's as a singular Reality which is associated and indeed being affected by yet higher "rungs" of the UCP's "Hierarchical Laws of Manifestation"!.

d) The UCP's "Dynamic-Equilibrium Moral Principle"

The next ("higher-up") "Hierarchical Law of Manifestation" is the "Dynamic-Equilibrium Moral Principle" which essentially describes one of the basic intrinsic propensities or characteristics of the "Universal Consciousness Reality" (UCR) which relates to its basic "Unitary-Harmonious" nature; i.e., since there exists only one singular higher-ordered UCP/UCR – which exists both "during" it's (simultaneous) computation of all exhaustive spatial pixels comprising each consecutive UF's frame/s and also solely exists (without the presence of any physical universe) "in-between" any two consecutive UF's frame/s, and since this unitary and singular UCR possesses an intrinsic propensity to encourage all "Individual Human Consciousness" (e.g., human beings) to realize their "inseparability" from this singular higher-ordered "Unitary-Harmonious" UCR; therefore the "Dynamic-Equilibrium Moral Principle" represents the UCP's intrinsic tendency towards "balancing" any "moral-injustice" or "immoral choice" made by any given Individual Human Consciousness towards another Individual Human Consciousness! Metaphorically speaking, in the same manner that a healthy human-being would never use their "right hand" to "inflict pain" upon their "left hand" (because they are part of the same human-being), so does this UCP's "Dynamic-Equilibrium Moral Principle" operate to "teach" and "correct" any given Individual Human Consciousness (e.g., person) who opts to inflict "pain" or "suffering" (G-d forbid) upon another Individual Human Consciousness to not repeat such "immoral-choice/s or action/s" based on its computation of an "equivalent negative (pain/suffering)" experienced by the same Individual Human Consciousness that decided to inflict pain upon another Individual Human Consciousness... This means that to the UCP's "Dynamic-Equilibrium Moral Principle" selects one of the multiple possible "future/s" for each Individual Human Consciousness based on its "moral/immoral" choice/s and action/s executed towards any other Individual Human Consciousness – in order to "balance" any "immoral choice/action" so that that Individual Human Consciousness that chose ('G-d forbid') to inflict pain upon another Individual Human Consciousness would have to "experience" (itself) such a "negative experience" (e.g., of the same degree of "pain"/"suffering" that it inflicted upon the other Individual Human Consciousness). Indeed, as mentioned above (and previously) the "Trampoline-Metaphor" was given wherein if a "metal-bar" was placed on the elastic sheath of a Trampoline such that it "connects" two points (equivalent to two Individual Human Consciousness), and to the extent that one of these two points "chose" to "push and press hard" the metal-bar against the other point – then this would inevitably lead to the other point automatically "pushing back" the metal bar against the "first-point" (which would be a representation of the Dynamic-Equilibrium Moral Principle's "balancing" of any "immoral-choice" made by one Individual Human

Consciousness against another Individual Human Consciousness that "automatically" sets in motion the UCR's "balancing" and "teaching" that "inflicting-pain" Individual Human Consciousness having to experience the same "degree" of "pain/suffering" that it inflicted upon the other Individual Human Consciousness)... We therefore see that the selection of one of multiple possible "future/s" UF's for each Individual Human Consciousness is carried out by the UCR – based on the "moral/immoral choice/s" executed by any Individual Human Consciousness at any given point in time towards any other Individual Human Consciousness! (Obviously, such "incomprehensible" , "infinite" Intelligence implied by this UCR's "infinite" capacity to compute and "balance" all of the almost either Billion Individual Human Consciousness towards any other Individual Human Consciousness at any past, present or indeed future/s time/s – may invoke a sense of "wonderment", "awe" and even "reverence" towards this UCR's "Infinite Intelligence" and also its basic "All-Goodness" propensity to "teach" and "harmonize" all Individual Human Consciousness to "respect" and regard any other Individual Human Consciousness as "inseparable" from the same singular higher-ordered "Universal Consciousness Reality"...).

e) The UCP's "Expansion of Consciousness" (Inanimate & Animate) Hypothesis

But, even beyond the UCP's "Dynamic-Equilibrium Moral Principle", which computes one of multiple possible "future/s" UF's frame/s for each Individual Human Consciousness based on each Individual Human Consciousness' "selection" of "moral/immoral choice/s" at each point in time, there exists a more general tendency of the UCP to express ever more "expansive" forms of Consciousness – i.e., from the inanimate forms of "matter" (e.g., including all relativistic and quantum subatomic "particle/s" or "wave", the Four Forces of Nature etc.) through animate: plants, animals and leading up to human-beings (which manifests the most "expansive" form of Consciousness! Even within this most advanced and "Expansive" form of Individual Human Consciousness (e.g., human-beings) there exists a further "Expanded form of Human Consciousness" – in which the Individual Human Consciousness is "inseparable" from the Universal Consciousness Principle (UCP or UCR), which was previously outlined; In this "expanded" form of Individual Human Consciousness the "expanded Human Consciousness" functions in a manner which is equivalent to the functioning of the UCR (e.g., in some respects, at least) – which implies that such "Expanded Individual Human Consciousness" can cognize- know- and even affect- any exhaustive spatial pixel/s in the universe (simultaneously and pertaining to any "past", "present" or multiple possible "future/s" UF's frames)! Indeed, as previously outlined this "Expansion of Consciousness" hypothesis implies that there does not exist any real "separation" between the UCP's "driving" of the evolution of Inanimate forms (e.g., relativistic or quantum – including

the accelerated expansion of the universe and all Four Forces, basic particles etc.) towards its more expansive expression of animate forms – including the whole presentation of ever more conscious forms of animate: plants, animals and human-beings and up to the most "expanded form of Individual Human Consciousness! Hence, for the first time, Science's New "G-d's Physics" 21st Century Paradigm "bridges the (apparent) gap" between its various sub-disciplines of Physics, Biology and Psychology etc., as comprising one fully integrated process allowing the UCP to express ever more "conscious" and "expansive" forms of manifestation!.

f) The UCP's "Collective Human Consciousness Focus Hypothesis" & Jewish "Rosh-Hashana" (New Year) Non-Continuous Accelerated Expansion Rate Prediction

The next higher-up "rung" of the Hierarchical Laws of Manifestation is the "Collective Human Consciousness Focus" (hypothesis) which essentially points out that there exists a close connection between a state in which a multitude group of Individual Human Consciousness all focus collectively upon the singular higher-ordered UCP/UCR – in prayer to be "connected" or receive "plentitude" from this singular higher-ordered UCP/UCR, which brings about a "Blessing" or "Plentitude", "Life", "Growth", "Goodness" from this singular higher-ordered UCP/UCR! This "Collective Human Consciousness Focus Hypothesis" explains in what manner this singular higher ordered UCR bestow "Growth", "Expansion", "Life" or "Goodness" upon all of Humanity, and even towards the accelerated expansion of the physical universe! In other words, beyond the previous "Dynamic-Equilibrium Moral Principle's" account of the UCP/UCR's selection of one of multiple possible "future/s" UF's frame/s for each Individual Human Consciousness – in order to "balance" and "teach" each such Individual Human Consciousness to recognize it's inherent "oneness" and "unitary-harmony" with all other Individual Human Consciousness based on their common "inseparability" from this singular higher-ordered UCR and its intrinsic basic "Moral Principle"; Beyond that there arises the question – what may "drive" the UCR's singular higher-ordered Reality to evolve the entire universe and particularly our own Human World and lives and continuously bestow "Life", Health", "Sustenance", "Goodness" to continue to sustain and evolve our physical existence and needs (material and spiritual etc.), as well as sustain and evolve the whole of Life, the various Suns, Galaxies and Universe at large?! Once again, we must remember that according to the New "G-d's Physics" Paradigm, we cannot (any longer) look towards any "material-causal" direct or indirect physical interactions between any two (or more) exhaustive spatial pixels, but rather must look at these higher-ordered "Hierarchical Laws of Manifestation" in order to be able to understand and "explain" the UCR's continuous computation- "dissolution" and evolution of every exhaustive spatial pixel comprising every

consecutive UF's frame/s! Indeed, according to this "Collective Human Consciousness Focus Hypothesis" and associated Jewish "Rosh-Hashana" (New Year) "Non-Continuous Accelerated Expansion of the Universe" one of the "reason/s" for the singular higher-ordered UCR's continuous computation- sustenance- and evolution- of the entire physical universe is anchored in- or related to- a State of "Collective Human Consciousness Focus" towards this singular higher-ordered UCR, in which many millions of Individual Human Consciousness direct their focus and Consciousness collectively towards this UCR and pray for the bestowal of "Goodness, "Life", Happiness" etc.!.

Indeed, according to one of the unique "Critical Predictions" differentiating the new "G-d's Physics" from the Old "Material-Causal" Paradigm is this particular prediction wherein there will be a "Non-Continuous Accelerated Expansion Rate" at the Jewish Rosh-Hashana (New Year) time-interval wherein the accelerated rate of the universe's expansion rate – observed in each Jewish Year prior to the "Rosh-Hashana" (New Year) will increase in a non-continuous rate ("leap") at the special "two-day" time interval of the New Rosh-Hashana time (and continue at this increased accelerated rate throughout the New Jewish Year) – due to the abovementioned "Collective Human Consciousness Focus Hypothesis", wherein Millions of Jews all over the world pray at this time to the singular higher-ordered UCR, "G-d" for providing them and the world with Life, Health, Growth etc.!.

g) The UCP's "Reversed-Time Goal Hypothesis" ("Geula")

Indeed, the discovery of the UCP's "Non-continuous Accelerated Expansion of the Universe at the Jewish Rosh-Hashana" special "time-interval" and the UCP's basic "Good-Will" propensity to bestow "Life", "Health", "Happiness", "Fulfilment" is closely related to the UCP's basic "Goal" in creating- sustaining- and evolving the entire physical universe, the "Expansion of Consciousness" (e.g., including the development of inanimate, animate" plants, animals, human-beings) – all "designed" and "planned" to culminate in the leading up to another "higher" "Hierarchical Law of Manifestation" of the UCP which is called: the UCP's "Reversed-Time Goal (Geula) Hypothesis"! According to this "Reversed-Time Goal Hypothesis (Geula), the UCP's entire series of UF's frames – from the beginning of the manifestation of the inanimate physical universe through its various expressions of ever more expansive forms of animate: plants, animals and human-beings etc. – is all planned and designed initially to lead to the universe's "Perfect Geula" State: Physically, Morally and Spiritually! Indeed, as outlined previously, this Perfected State of "Geula" (e.g., a term signifying complete "Redemption" and "Perfection" in the Jewish Tradition) represents a state of the world in which there exists complete "harmony", "peace", and a basic recognition and gratitude of human-beings towards the basic underlying

singular "All-Goodness" "UCR, i.e, "G-d" Reality which continuously sustains and evolves all of Life and the entire universe; Tis state is also typified by the lack of any "violence" or "aggression, the abolishment of "death" and complete peace, harmony and a deep sense of gratitude and appreciation, prayer and studying of this singular higher-ordered Universal Consciousness Reality, "G-d"!

h) The UCP's "Good-Will" Hypothesis

The next "higher-up" "Hierarchical-Law of Manifestation" is the basic intrinsic propensity of this singular higher-ordered UCP/UCR of "Good-Will" (hypothesis) which characterizes the UCP's basic "drive" to bestow "Goodness", "Life", "Growth" towards all of Life! This basic "Good-Will" propensity of the singular higher-ordered UCR manifests in its basic sustenance and Life-Giving force to create Life, sustain all of Life, fulfill the basic needs and beyond that create ever more "expansive" opportunities for Life in general and human-beings (in particular) to grow and evolve, to fulfil their full potential and to expand their Moral and Spiritual awareness towards appreciating the Oneness and Singularity of this Universal Consciousness Reality.

i) The UCP's "Free-Will" Hypothesis

Above and beyond all of these UCP's various "Hierarchical Laws of Manifestation" the New "G-d's Physics" Paradigm of 21st Century Theoretical Physics and Science postulates that there exists the most basic "Free-Will" of the UCP – unbound by any "limits" of its creation of the physical universe and all of its various inanimate and animate forms, unaffected by any of the multifarious manifestations of the universe and which transcends even its own "ultimate Goal of Geula"! This entirely "Free-Will" origin of the UCP, nevertheless "cares" about the "Goodness" of Human-beings and all of Life; this is also where the Jewish concept of an unlimited "Compassion and Forgiveness" (e.g., Thirteen Propensities of Mercy") of this UCP manifests and where the basic Jewish concept of "Teshuva" – the ability to ask for "forgiveness" from this singular UCR, "G-d" and to make a "sincere conscious decision" to "not repeat any immoral actions" is made possible (which was also shown to be capable of "altering" and indeed "avoiding" any of the negative possible "multiple future/s" instigated by any Individual Human Consciousness selection of any "immoral action/s", G-d forbid)!

So, we reach the inevitable conclusion that the physical universe does not exist as an "independent" "material-causal" entity; it was not created by an initial "Big-Bang" nuclear event; nor is it governed by mere "material-causal" physical interactions between certain "massive objects" and their (assumed "causal") "curvature of "Space-Time"; nor is it's accelerated rate of expansion "caused" by purely hypothetical "dark-matter" or "dark-energy" concepts; Nor its subatomic realm determined based on direct (or even indirect) physical interactions between any given subatomic "probe" and corresponding

"target's probability wave function" entities – which is assumed to "cause" the "collapse" of these "target's probability wave function" into single ("complimentary" space-energy or time-mass) single value!? Nor can we explain the behavior of the "Four (basically assumed) Forces" (e.g., Strong, Weak, Electromagnetic and Gravitational) based on any direct physical interaction/s between particular rudimentary subatomic particles (as the Standard Model assumes)!? Instead, the New "G-d's Physics" "A-Causal Computation" Paradigm discovered the existence of a singular higher-ordered "Universal Computational Principle" – later on revealed to constitute a "Universal Consciousness Reality" (UCR) which simultaneously computes all exhaustive spatial pixels in the universe for every consecutive UF's frame/s at the incredible rate of " c^2/h " = 1.36^{50} sec! Moreover, the New "G-d's Physics" Paradigm's discovery of the existence of the singular higher-ordered UCR which exists continuously and constantly – both "during" its (simultaneous) computation of every consecutive UF's frame/s and also solely exists (without the presence of any physical universe) "in-between" any two such consecutive UF's frames has led to a profound fundamental Paradigmatic-Shift in our basic understanding of the nature, origin, dynamics and evolution of the entire physical cosmos! This is because the basic realization that the physical universe does not exist (any longer) as an "independent material" entity – but only as a "transient-phenomenal" manifestation of the singular continuous and "real" and "permanent" underlying "Universal Consciousness Reality" – which is governed based on its own intrinsic "Ten Laws of Hierarchical Manifestation" transforms the whole of Science and our basic understanding of the physical universe!.

1. A "Reversed-Time Goal Hypothesis" "Geula-Directed" New Science & Universe!

So, it seems that both Physics (specifically and Science, more generally) is undergoing a Major "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm underlying Relativity Theory and Quantum Mechanics to the New "G-d's Physics" "A-Causal Computation" Paradigm which completely revises and transcends the Old "Material-Causal" basic assumption: That is, the universe was not created by an initial "Big-Bang" nuclear event because there could not have been any "cause and effect" physical interaction/s between any two (or more) exhaustive spatial pixels existing either in the first- second- third- etc. UF's frame/s! Rather, the entire physical universe is being computed- "dissolved"- and re-computed- for each consecutive UF's frame/s, so there cannot exist any (direct or even indirect) "material-physical" interaction/s in any single- or multiple- UF's frame/s between any relativistic or quantum entities, elements, or even forces!?! Instead, the whole universe is being created- "dissolved"- re-created an evolved- so many billions of times per second solely by this singular higher-ordered Universal Computational/Consciousness Principle! Indeed, as indicated above, Twenty-first

Century Theoretical Physics (and Science more generally) has to revise its basic understanding of the true nature- and dynamics- of the entire physical universe such that the origination, sustenance and evolution of the universe cannot be explained from "within", i.e., including the negation of the hypothetical existence of "dark-matter" and "dark-energy" as "superfluous" (non-existence!) as "causing" the accelerated expansion of the universe – but rather as being propelled, computed, "dissolved", re-created and evolved solely by the abovementioned "Ten Laws of Hierarchical Manifestation"! The universe is being created continuously based on the singular higher-ordered UCP's Ten-Laws of Hierarchical Manifestation, which means that it is not constrained by any direct (or indirect) "material-causal" physical interactions but is rather directed solely by the UCP's intrinsic characteristics such as its "Goodwill", "Free-will", etc.

Indeed, the New "G-d's Physics" Paradigm reveals to Science that contrary to the Old "Material-Causal" Paradigm's basic assumption wherein the whole origination, dynamics and evolution of the entire physical universe is based on direct, "chance"-driven physical interactions between certain "massive objects" which "cause" the "curvature of space-time", or between certain given subatomic "probe" and "target's probability wave-function" elements which "causes" the "collapse" of this target's "probability wave function"; according to the New "G-d's Physics" Paradigm the universe is being continuously computed- "dissolved"- re-computed and evolved- solely based on the UCP's "Ten Laws of Hierarchical Manifestation" – amongst which the UCP's "Reversed-Time Goal "Geula" Hypothesis" is central: According to this "Reversed-Time Goal "Geula" Hypothesis, the singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) or "Universal Consciousness Reality" (UCR) initially created- and is continuously (and constantly) creating the universe (so many Billions of times per second) solely based on its "intrinsic drive" to lead the universe towards its ultimate, e.g., "Moral", "Spiritual" and even "Physical" Perfected State! A State of complete recognition of the oneness and unity of all creation with this singular UCP (or UCR), a State of complete "harmony" and "peace", resulting from one of the other Ten Laws of Hierarchical Manifestation, i.e., the "Dynamic-Equilibrium Moral Principle", which essentially states that since all Human Consciousness truly comprise integral ("inseparable") elements of the singular higher-ordered Universal Consciousness Reality, then this singular UCR continuously "strives" towards "balancing" or "correcting" any "immoral-balance" created by any "immoral choice" made by any given Individual Human Consciousness towards another Individual Human Consciousness – which therefore "selects" one of multiple possible future/s by the UCP for any such Individual Human Consciousness in order to "correct" any "immoral-choice" that it has made (e.g., by "experiencing" an "equivalent situation" etc. which will

make it realize its intrinsic "oneness" with any other Individual Human Consciousness as constituent elements within the oneness of the Universal Consciousness Reality)!

Thus, according to this New "G-d's Physics" Paradigm, the singular higher-ordered UCR has created- and is continuously creating- the entire physical universe solely for the purpose of manifesting ever more expansive forms of this Universal Consciousness Reality: from "inanimate" matter through "animate": plants, animals, human-beings – and up to the ultimate "Geula-Goal" of the completely Perfected Moral, Spiritual and Physical State, in which the oneness and unity, peace and harmony of this singular UCR will be acknowledged and realized by Humanity and Science! Therefore, the universe was not created by an initial "random" nuclear "Big-Bang" event, nor is it driven towards a complete "dissolution" of all the suns, galaxies as predicted by the "Second Law of Thermodynamics", nor does the origination and evolution of the various Life-forms on our planet being directed by a random "Natural Selection Principle" (as predicted by Darwin): rather the universe is being continuously created- "dissolved" recreated and evolved (simultaneously) at each of its constituting exhaustive spatial pixels solely by the continuous operation of the singular higher-ordered UCR from the "beginning" only in order to manifest ever more expansive manifestations of this singular higher-ordered UCR towards its ultimate "Perfected Geula State", in which the sole presence and creation of all of the elements and beings in the universe will be realized to comprise integral parts of this singular higher-ordered Universal Consciousness Reality, and in which our "moral responsibility" of acting and making "moral-choices" towards our other fellow human-beings will become a key recognition by Twenty-first Century Science!.

3. From the Old "Material-Causal" Paradigm to the New "G-d's Physics" Universal Consciousness Reality's "Cosmic Dance" Towards the Perfected "Geula" State!

We therefore reach the conclusion of this Special Issue and consuming article (within it); with a "breathtaking"(exciting) complete new understating of the true nature- origin- dynamics- and evolution- of the entire physical universe! It signifies a profound new change and fundamental metamorphosis from the Old "Material-Causal" Paradigm of Relativity Theory and Quantum Mechanics to the New "G-d's Physics" Paradigm that portrays a universe that does not exist as any "material-objective" reality, but only exists as a "transient-phenomenal" manifestation of the singular higher-ordered "Universal Consciousness Reality" (UCR) that continuously creates- dissolves- recomputes and evolves every exhaustive spatial pixel in the universe at the unfathomable rate of " $c^2/h = 1.36^{-50}$ (sec)! It is an entirely New Universe – one that was not created by any initial "Big-Bang" nuclear event, is not driven by

Einstein's Equations' "material-causal" assumption (e.g., assuming that the dynamics of the universe is dictated by a "material-causal" direct physical interaction between certain "massive-objects" and their "curvature of Space-Time" or conversely in which the determination of the "travelling-pathways" of those massive or less-massive objects is "caused" or determined by the "curvature of Space-Time by those massive objects); is not operating at the subatomic scale based on direct "material-causal" physical interactions between subatomic "probe" and corresponding subatomic "target's (assumed) probability wave-function" entities – which is assumed to "cause" the "collapse" of this "target's probability wave-function" into a single (complimentary) "energy-space", "time-mass" value; The Universe's accelerated expansion rate cannot be attributed to any (purely hypothetical) "Dark-Matter" and "Dark-Energy" entities – which fail to be detected empirically (despite numerous attempts to do so), but is rather explained solely based on the existence and operation of the singular higher-ordered "Universal Consciousness Reality" (UCR) which continuously computes- dissolves- re-computes- and evolves every exhaustive spatial pixel in the universe at the incredible rate of " $c^2/h = 1.36^{-50}$ (sec)!".

Specifically, one of the unique "Critical-Predictions" of this New "G-d's Physics" Paradigm of 21st century Theoretical Physics – for which this Special Issue is explicitly calling all Cosmologists and Astronomers to test in this upcoming Jewish "Rosh-Hashana" New Year (on September 7th and 8th, 2021), is that during this special "two-days" time, due to the "Collective Human Consciousness Focus Hypothesis" postulate of "G-d's Physics" (CUFT) New Paradigm – there will be a "Non-Continuous Accelerated Expansion of the Universe" (NCAEU-JRH)! In other words, the accelerated expansion of the universe – is not "continuous", e.g., does not remain at a constant steady rate, as predicted by the Old "Material-Causal" Paradigm (of RT & QM) as "caused" by the purely hypothetical (and undetectable!) "Dark-Matter" and "Dark-Energy" entities; but is rather "Non-Continuous" and undergoes such Non-Continuous "leaps" – at each consecutive Jewish "Rosh-Hashana" (New Year) special time-intervals in which Millions of Jews focus on this singular higher-ordered "Universal Consciousness Reality", e.g., "G-d"! which brings about the UCR's "Non-Continuous Accelerated Expansion of the Universe! It is important to note that this unique "Critical Prediction" of the New "G-d's Physics" Paradigm signifies and consumes the new profound change in Science's new perspective of the physical universe; This is because instead of the universe being created by a "random" initial nuclear "Bog-Bang" event, being expanded by the arbitrary existence of (purely hypothetical – and indeed "non-existent"!)" "Dark-matter" and "Dark-Energy" concepts, or being governed by completely "random-statistical" direct physical interactions between subatomic "target's probability wave-function" and corresponding "probe" entities; or being (aimlessly) "dissipating" into ever-increasing

"entropy" (e.g., extinguishing all suns, galaxies, life etc.)... the New "G-d's Physics" portrays an entirely new (and highly promising) theoretical perspective and understanding of the origin- nature- true underlying dynamics and "Ultimate-Goal" of the Universe's evolution – and all of the Life-forms found on our special planet!.

The universe was not created "by chance" – through direct "material-causal" interactions between an initial "Big-Bang" nuclear event and the (random) formation of suns, galaxies, our own planet Earth, space, time etc. Likewise, the accelerated expansion of the universe, as well as the evolution of the various Life-Forms leading to Human-Beings possessing the most "expansive" form of Consciousness cannot be explained by any "random" "material-causal" interactions between (non-existent) "Dark-Matter" and "Dark-Energy" and their "expulsion" of the galaxies; or by Darwin's "random" "Natural-Selection Process" assuming "random" genetic mutations "caused" by direct physical interactions between certain "cosmic-rays" and given genetic material of a given organism, and consequent "survival-advantage" of those "genetically-mutated" organism/s and an exhaustive set of "Environmental-Factors"! These various Old "Material-Causal" assumptions – must be discarded and replaced by the New "G-d's Physics" Paradigm's insistence upon the simultaneity of the UCP's computation of every exhaustive spatial pixel in the universe for each consecutive UF's frame/s, and the complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's frames back into the singularity of the UCP (or UCR)! Rather, there exists only one singular higher-ordered Universal Consciousness Reality (UCR) which continuously creates (computes) simultaneously every exhaustive spatial pixel in the universe (at the incredible rate of " $c^2/h = 1.36^{-50}$ sec!"); "dissolves", then re-creates and evolves every such exhaustive spatial pixel and the entire universe – all based on its "Ten Laws of Hierarchical Manifestation" (listed above), all aimed towards manifesting ever more expansive forms of "inanimate", "animate": plants, animals, Human-Beings – and ultimately leading Humanity (and Science) towards the Perfected "Geula-State" of the World in which there will be a complete unification of the four physical features (of "space", "energy", "mass" and "time") the Four Forces of Nature, pointing at the singularity of this higher-ordered Universal Consciousness Reality and its intrinsic "Dynamic-Equilibrium Moral Principle"; leading Humanity and Science towards a recognition and studying of the Oneness of all creation, all forms of life all inanimate and animate forms, all of Humanity – as integral harmonious and unified aspects of the singular higher-ordered Universal Consciousness Reality, therefore also leading a Life of complete Harmony, Peace and Unity of all Human-Beings, and appreciation, gratitude and love towards that singular "All-Goodness" UCR, i.e., "G-d"!

It therefore may be fitting to quote the Great Maimonides Jewish Sage who prophesized that at this Ultimate-Geula Time "the whole of Humanity's occupation would be the studying, and realization of the Oneness of "G-d", and that the (scientific) knowledge would all point at this Magnanimous Singular G-d Reality!"

DEDICATION

This article is dedicated to the Great Lubavitcher Rabbi whom I'm his "Shaliach" (Messenger), whose Message to the World is the Perfection of the World and Humanity in the Perfected "Geula" State of the World, may this consuming article of this Special Issue constitute a cornerstone in this inevitable "Geula" of the World... It is dedicated to my dear beloved daughter Neomy, Tirzah Shulamit whose birthdate is today, 15th of Tamuz, may she grow to become a wonderful holy Jewish daughter, woman and mother (herself) in a Geula Perfected world that recognizes, studies and worships this singular Higher G-d Reality! It is indeed by "Hashgaha Pratit" (Personal Providence) that this consuming 15th article of this Special Issue is submitted for publication on this special date of Neomy Tirza Shulamit's birthdate which constitutes a special day in the Jewish Calender the 15th of Tamuz!

It is also dedicated to my dear beloved wife Shulamit (Shuli) Bentovish whose love and support have allowed me to bring this new Light of Scientific Understanding of "G-d's Physics" to the World!

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