



"G-D'S PHYSICS" NEW 21ST CENTURY'S SCIENTIFIC PARADIGM: TRANSCENDING SPACE, TIME & CAUSALITY

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ABSTRACT

Twenty-first century Theoretical Physics is shifting from the Old "Material-Causal" Paradigm of 20th century Relativity Theory (RT) & Quantum Mechanics (QM) to the New "G-d's Physics" ("Computational Unified Field Theory", CUFT) Paradigm based on its discovery of a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes every exhaustive spatial pixel in the universe at the incredible rate of " $c^2/h = 1.36^{-50}$ (sec)!" thereby producing an extremely rapid series of "Universal Frames" (UF's) comprising the entire physical universe at every "minimal time-point"! Based on this New "G-d's Physics" (CUFT) discovery of the UCP extremely rapid (simultaneous) computation of every exhaustive spatial pixel in the universe for each consecutive UF's frame, and the complete "dissolution" of the entire physical universe back into the singularity of the UCP "in-between" any two such consecutive UF's frames, therefore the New "G-d's Physics" "A-Causal Computation" negates the very possibility of the existence of any "material-causal" (direct or even indirect) physical interactions between any two (or more) exhaustive spatial pixels existing wither in the same- or different- UF's frames! Likewise, the discovery of the New "G-d's Physics" Paradigm's singular higher-ordered UCP's simultaneous computation of the four basic physical features of "space" and "energy", "mass" and "time" for each exhaustive spatial pixel (at each consecutive UF's frame/s) based on two of its "Computational Dimension" of "Framework" and "Consistency" alters our basic conception of these four basic physical features as existing only "transiently" and "phenomenally" – as a mere "manifestation" of this singular "Universal Computational/Consciousness Principle" (UCP) which exists uniformly both "during" its computation of every consecutive UF's frame/s, and also solely exists "in-between" any two consecutive UF's frame/s without the presence of any physical universe "in-between" any two UF's frames! Hence, the new emerging "picture" of the universe is one in which the intrinsic "Ten Laws of Hierarchical Manifestation" characterizing this singular higher-ordered UCP become central in our understanding of the origin-nature and "Ultimate-Goal" of this UCP, inevitable leading to a "Perfected: Moral, Spiritual and Physical State" termed "Geula" (in Jewish Tradition) in which both Humanity and Science will recognize the singular presence of this "Universal Consciousness Reality" (UCR) and its intrinsic characteristics of "Unity", "Morality", "Peace" and "Harmony"!

1. INTRODUCTION: "G-d's Physics" New Twenty-First Paradigm

Twenty-first Century Theoretical Physics is undergoing a basic "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" (e.g., "Computational Unified Field Theory", CUFT) Paradigm! The characterization of such a "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" Paradigm was succinctly analyzed by the well-known Philosopher of Science, Thomas Kuhn (1962), which include:

a) The Existence of Apparent "theoretical inconsistencies" Between the "Pillars" of the "Old Paradigm": Indeed, Relativity Theory (RT) and Quantum Mechanics (QM) seem "theoretically

inconsistent" due to the RT's strict "Speed of Light Barrier" for the transmission of any signal- or information- across space and time, as opposed to QM's allowance for "instantaneous effects" such as the empirically validate "Quantum Entanglement" phenomenon (in which the subatomic measurement of one "entangled-particle" "instantaneously" determines or affects the complimentary subatomic measurement of another "entangled" subatomic particle); Another basic apparent "theoretical inconsistency" between RT and QM relates to RT's "positivistic" determination of any relativistic space-time, or energy-mass etc. phenomenon (or measurement), as opposed to QM's only "probabilistic" capacity to determine any

(complimentary) "space-energy", "mass-time" subatomic "target" measurement.

- b) The Old Paradigm's Inability to Explain Major Empirical Phenomena: One of the "glaring" examples of the Old "Material-Causal" Paradigm's inability to explain major empirical phenomena is the empirically observed phenomenon of the accelerated expansion of the physical universe: According to the Old "Material-Causal" Paradigm this accelerated expansion of the universe is hypothesized to be "caused" by the (purely hypothetical) "dark-matter" and "dark-energy" concepts- which could not be detected – despite numerous attempts to do so! This is indeed reminiscent of the pre-Relativity's Older Newtonian stipulation of the existence of a purely hypothetical "Ether" concept which was supposed to "perfuse" the entire physical universe but which yet could not be detected despite numerous empirical attempts to do so! And this is where Einstein's "genius" came into play when he simply "discarded" this purely hypothetical "Ether" concept as "superfluous" (i.e., non-existent!); Similarly, the New "G-d's Physics" Scientific Paradigm discards the existence of the purely hypothetical "dark-matter" and "dark-energy" concepts as "superfluous", that is non-existent!
- c) Identification of Unique "Critical-Predictions" Associated with the "New Paradigm" that Cannot be Accounted for by the "Old Paradigm": The New "G-d's Physics" Paradigm identified at least two unique "Critical Predictions" that differentiate it from the predictions of both Relativistic and Quantum predictions: 1) the greater number of times that a relatively "more massive" particle such as the "Muon" would be detected across a given number of "Fine-Temporal Measurements" (FTM) within a subatomic accelerator, than the number of corresponding times across this given FTM measurement of the detection of a relatively "less massive" particle such as the electron; due to the UCP's computation of the "mass" of any given object as the number of times in which that object or particle is computed "consistently" in terms of its "object-consistent" mass computational definition (delineated previously); 2) The New "G-d's Physics" Paradigm predicted that there will be measured a "Non-Continuous Acceleration of the Universe" at the "Jewish Rosh-Hashana" special two days' time interval due to the "Collective Human Consciousness Focus Hypothesis" which is hypothesized to bring about an increase in the UCP's computation of the accelerated number of additional exhaustive spatial pixels added to each consecutive UF's frame/s (beginning at each Jewish New Year)! Both of these unique critical predictions cannot be accounted for by either Relativistic or Quantum Models, and therefore their empirical validation would unequivocally point at the validation of the

New "G-d's Physics" (CUFT) Paradigm as the new valid Paradigm for 21st Century Physics!

The New "G-d's Physics" Paradigm may be described succinctly as based on several new Theoretical Postulates including:

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 " $c^2/h = 1.36^{50}$ 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 " $c^2/h = 1.36^{50}$ 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.

e) 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)

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

UF's {ד...ה...ו}

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 "ו through "ה" to "ד") 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: " $c^2/h = 1.36^{-50}$ 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-Rebbi, Rabbi Schneur-Zalman in his famous Tanyah 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 "teshuvah" – 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 "Perfected 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)...

In order to fully appreciate the significance of this New "G-d's Physics" Paradigm of 21st Century Theoretical Physics let us encapsulate the major conceptual differences between the Old "Material-Causal" Paradigm and the New "G-d's Physics" (CUFT) Paradigm: Succinctly stated, the Old "Material-Causal" Paradigm assumed that any relativistic or quantum phenomenon can be explained strictly through direct (or even indirect) physical interaction/s between a finite number of material or physical elements (or forces etc.); Based on this basic "Material-Causal" assumption, the Old "Material-Causal" Model explains the origination of the physical universe as "caused" by an initial "Big-Bang" nuclear event which is assumed to have created all the stars, galaxies, "energy" and "matter" in the universe; Likewise, Einstein's (famous) Equations underlying General Relativity Theory assume that it is the direct physical interaction between certain "massive objects" and "Space-Time" which "causes" the "curvature" of Space-Time, and conversely, that it is this "curved Space-Time" which "causes" or determines the "travelling-pathways" of those "massive objects" and other "less-massive" objects. In a similar manner, Quantum Mechanics explains the dynamics of the subatomic realm based on the same basic "Material-Causal" assumption wherein it is assumed that it is the direct physical interaction between a given subatomic "target's probability wave function" and a corresponding subatomic "probe" element – which "causes" the "collapse" of the target's "probability wave function" into a single (complimentary "energy-space"/"time-mass") value. However, contrary to this Old Material-Causal Paradigm (of RT & QM) basic assumption wherein it is the direct physical interaction between any given relativistic "massive-objects" and "Space-Time" which "causes" the curvature of Space-Time (or conversely that it is this "curved Space-Time" which "causes" the travelling-pathways of these massive/less-massive objects); or that it is the direct physical interaction/s between the subatomic target's "probability wave function" and a corresponding "probe" element – which "causes" the "collapse" of the probability wave function into singular complimentary value; the New "G-d's Physics" (CUFT) Paradigm negates the very possibility of the existence of any such direct physical interaction/s between any two (or more) exhaustive (relativistic or quantum) spatial pixels in the universe – based on the discovery of the existence of the singular higher-ordered UCP which *simultaneously computes* all exhaustive spatial pixels comprising the entire physical universe, e.g., at any minimal-time point "Universal-Frame/s" (UF's) being computed by this singular UCP at the unfathomably rapid rate of " $c^2/h = 1.36^{-50}$ (sec)!" Based upon this profound new discovery of "G-d's Physics"

(CUFT's) New Paradigm of the *UCP simultaneous computation* of all exhaustive spatial pixels comprising each consecutive UF's frame/s, this results in "G-d's Physics" New "A-Causal Computation" Paradigm which strictly negates the very possibility of the existence of any direct (or even indirect) physical (or material) interaction/s between any two (or more) exhaustive spatial pixels existing either in the same- of different-UF's frame/s! Moreover, due to "G-d's Physics" postulate that the entire physical universe (e.g., and all of its constituent exhaustive spatial pixels) completely "dissolve" "in-between" any two consecutive UF's frame/s back into the singularity of the UCP, therefore the New "G-d's Physics' A-Causal Computation Paradigm" principally negates the possibility of the existence of any direct (or indirect) physical interactions between any two (or more) exhaustive spatial pixels existing either in the same- or other- UF's and the impossibility of any "transference" of any physical interaction or effect/s (or any material entities) "in-between" any two consecutive UF's frame/s!

2. "G-d's Physics": An "A-Causal Computation" Paradigm!

One of the striking features of this New "G-d's Physics" Paradigm is its "A-Causal Computation" characterization: this stems from "G-d's Physics" discovery of the singular higher-ordered "Universal Computational Principle" (represented by the Hebrew letter "Yud": "י") which simultaneously computes all exhaustive spatial pixels in the universe for each consecutive Universal Frame/s (UF's), and the complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's frame/s! Indeed, it is due to the simultaneity of this UCP's computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s and the "dissolution" of the entire physical universe "in-between" any two consecutive UF's frames – that the New "G-d's Physics" "A-Causal Computation" Paradigm asserts that there cannot exist any direct (or even indirect) physical interactions between any two (or more) exhaustive spatial pixels existing either in the same- or different- UF's frames! Hence, some of the most fundamental "Material-Causal" assumptions of the Old "Material-Causal" Paradigm (underlying both Relativity Theory and Quantum Mechanics) are deeply questioned and in fact negated!

Thus, for instance, Einstein's (General) Relativity Theory's basic "Einstein's Equations" which essentially postulate that it is the presence of certain "massive objects" (such as suns, planets etc.) that "cause" the "curvature of Space-Time" and that it is this "curvature of Space-Time" which also "causes" (or determines) the travelling pathways of those "massive" and other "less massive" objects, etc. In fact, Einstein's Equations allow for the determination of the origin- and future evolution- of the entire physical universe: The universe is assumed to have been "caused" or "originated" by an initial "nuclear event" – which created all of the suns' galaxies,

matter, energy (space and time), but this is strictly negated by the New "G-d's Physics" "A-Causal Computation" Paradigm due to the simultaneity of the UCP's computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s and the complete "dissolution" of the entire physical universe "in-between" any two such consecutive UF's frames! This implies that there could not have been any (direct or indirect) physical interaction/s between any two (or more) exhaustive spatial pixels either in the first- second- or nth- UF's frame/s, so that there could not have been an initial "Big-Bang" nuclear event that "caused" the creation and formation of the stars, galaxies, matter and energy in the universe! Because for each of these multifarious UF's frame/s all of its constituent exhaustive spatial pixels are being computed simultaneously – so that there cannot exist any direct or indirect physical interactions between any two or more exhaustive spatial pixels comprising any of these single or multiple UF's frames! And moreover, since all of these exhaustive spatial pixels comprising the entire physical universe "dissolve" back into the singularity of the UCP "in-between" any two such consecutive UF's frame/s, therefore there cannot exist any direct or indirect physical interaction or effect/s, or any "transference" of any "material entity" or any "physical effect" across any two consecutive UF's frame/s, thereby negating the possibility of the existence of any "material-causal" physical interactions between any two or more exhaustive spatial pixels existing either in the same – or different- UF's frame/s! So, the very "material-causal" basis of "Einstein's Equations" standing as the foundation of General Relativity Theory is indeed questioned and negated! This means that the physical universe – was not "caused" or "created" by an initial "Big-Bang" nuclear explosion or event! Rather, the entire physical universe is being continuously "created" (e.g. computed) simultaneously for each of its multifarious exhaustive spatial pixels by the singular higher-ordered UCP, i.e., for each consecutive UF's frame/s (with the entire physical universe "dissolving" and "ceasing to exist" in-between any two consecutive UF's frame/s! Likewise, General Relativity's Einstein's Equations depicting the continuous evolution of the physical universe – as "caused" by the dynamic (physical) interaction between the given "massive objects" found in the universe and their "curvature of Space-Time", or conversely the determination of the "travelling-pathways" of these massive or other less massive objects as "caused" by this "curved Space-Time" is simply negated by the New "A-Causal Computation" Paradigm once again due to the simultaneous computation of the UCP of each exhaustive spatial pixel for each consecutive UF's frame/s and the complete "dissolution" of all exhaustive spatial pixels "in-between" any two consecutive UF's frame/s!

Similarly, the New "G-d's Physics" "A-Causal Computation" Paradigm negates and completely revises our basic understanding of the nature, dynamics and evolution of any exhaustive subatomic spatial pixel – so

far assumed to operate based on QM's strict "Material-Causal" premise! Succinctly stated, QM assumes that the existence, characterization and dynamics of any given subatomic "target's probability wave function" can only be determined based on its direct physical interaction with another corresponding subatomic "probe" element – which "causes" the "collapse" of this "target's probability wave function" into a singular (complimentary) "space-energy" or "mass-time" value/s; But, this is once again strictly negated by the New "G-d's Physics A-Causal Computation Paradigm" since it simply asserts that there cannot really exist any such direct (or even indirect) physical interaction/s between any two (or more) exhaustive spatial pixels occupying the same- or different- UF's frame/s, which include the impossibility of the existence of any direct (or indirect) physical interaction/s between any two such given "target" and "probe" subatomic entities! Hence, QM's "Material-Causal" assumption wherein it is the direct physical interaction between these subatomic "target's probability wave function" and the corresponding "probe" element – that "causes" the "collapse" of this "target's "probability wave function" into a single (complimentary) value is strictly negated by the New "G-d's Physics A-Causal Computation" Paradigm! Instead, the New "G-d's Physics" (CUFT) Paradigm postulates that the singular higher-ordered UCP simultaneously computes "single-spatial-temporal particle" elements which comprise integral parts of the "multiple spatial-temporal wave" element/s which in turn are embedded within the UCP's computation of all exhaustive spatial pixels comprising the entire UF's frame/s!/?

Indeed, one of the fascinating new deeper understanding that arises from the discovery of the New "G-d's Physics" Paradigm is that instead of the Old "Material-Causal" Paradigm of 20th Century's Relativity's & QM's Physics – which tried to explain any given relativistic or quantum phenomenon by "breaking it down" to more rudimentary element's physical interaction/s – i.e., such as attempting to explain the origin- and evolution- of the physical universe based on the analysis of the (direct or indirect) physical interactions between its constituent "massive objects" and their "curvature of Space-Time" etc., or wherein QM tried to explain the dynamics and behavior of any subatomic "target" based on its direct physical interaction with another corresponding subatomic "probe" element; Or the Standard Model's attempt to explain the existence of the Four (basic) Forces (e.g., Strong, Weak, Electromagnetic and Gravitational) based on the analysis of finer subatomic particles' interactions; the New "G-d's Physics A-Causal Computation" Paradigm negates the very possibility of the existence of any such direct physical "material-causal" interactions (e.g., due to the simultaneity of the UCP's computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s, and the complete "dissolution" of the whole universe "in-between" any two consecutive UF's frame/s) – instead pointing at the sole "A-Causal Computation" of the UCP of the entire physical universe

(at each consecutive UF's frame/s), which was shown to lead to a studying of this UCP's singular higher-ordered "Universal Consciousness Reality" and its "Ten Laws of Hierarchical Manifestation".

3. "G-d's Physics" Transcends Causality & the Four Physical Features

But, prior to ascending higher to describing the singular higher-ordered "Universal Consciousness Reality" and its "Ten Laws of Hierarchical Manifestation", let us first review the New "G-d's Physics" basic theoretical postulates regarding the UCP's singular simultaneous computation of the four basic physical features of "space" and "energy", "mass" and "time" – as computed by the UCP's Three Computational Dimensions: "Framework" (frame/object), "Consistency" (consistent/inconsistent) and "Locus" (global/local) – specifically "Framework" and "Consistency"; According to the New "G-d's Physics" (CUFT) Paradigm the UCP simultaneously computes for each exhaustive spatial pixel the four basic physical features of "space" and "energy", "mass" and "time" as the four possible combinations of these two (out of three) UCP's "Framework" and "Consistency" Computational Dimensions: "space" and "energy" are computed as the UCP's "Framework" – "consistent" or "inconsistent" computational measures (of any given exhaustive spatial pixel), whereas "mass" and "time" signify the UCP's "Object" – "consistent" or "inconsistent" computational measures! Moreover, a key discovery of this New "G-d's Physics" Paradigm is that the UCP's simultaneous computation of all of these four basic physical features for each exhaustive spatial pixel (for each consecutive UF's frame/s) - is completely integrated and represented by the "Universal Computational Formula" (UCF):

Universal Computational Formula (UCF)

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

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 "י" 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: " $c^2/h = 1.36^{-50}$ sec"!

This means that from the singular higher-ordered computational perspective of the UCP, its computation of each exhaustive spatial pixel's four basic physical features of "space" and "energy", or "mass" or "time" – are not computed "independently" but rather represent complimentary integral aspects of the same UCP's computation, thereby giving rise to some of the previously known Relativistic or Quantum "laws" or "relationship/s" such as the famous Relativistic "Energy-Mass Equivalence" or QM's well know Heisenberg's "Uncertainty Principle", as can be glanced from the two respective Relativistic and Quantum Formats of the same Universal Computational Formula (UCF), outlined previously.

Indeed, one of the previous (groundbreaking) articles published indicated that the New "G-d's Physics" (CUFT) Paradigm completely integrates (and unifies) between the four basic physical features of "space" and "energy", "mass" and "time" – for the first time in Theoretical Physics! Thus far, General Relativity was able to integrate "space" and "time", "energy" and "mass", to point at the (apparent) "curvature of Space-Time" by "massive objects" etc., but it was not able to completely integrate and unify between these four basic physical features; In contrast, the New "G-d's Physics" Paradigm was shown capable of completely integrating between these four basic physical features (of "space" and "energy", "mass" and "time") – simply because they all represent different complimentary UCP's computation of any given exhaustive spatial pixel's respective "Frame"- "consistent" ("space") or "inconsistent" ("energy"), or "Object" – "consistent" ("mass") or "inconsistent" ("time") computational combinations; therefore they are not truly "separate" or "independent" of each other and are in fact being simultaneously computed by this singular higher-ordered UCP for each exhaustive spatial pixel comprising every consecutive UF's frame/s! Even beyond that, as shown previously, the New "G-d's Physics" (more advanced) theoretical postulates of the "Computational Invariance Principle" and its closely related "Universal Consciousness Reality" indicated that to begin with – the UCP singular (higher-ordered) computation of those four basic physical features pertaining to each exhaustive spatial pixel comprising the entire physical universe represent only "transient-phenomenal" ("computationally-variant") manifestations of the only "consistent" and "permanent" ("computationally-invariant") singular UCP's reality which exists both "during" each consecutive UF's frame/s and also solely exists "in-between" any two consecutive UF's frame/s! Hence, the "Computational Invariance Principle" asserted that since only the UCP exists continuously and constantly – both "during" its simultaneous computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s, and also exists singularly (and solely) without the presence of any physical universe "in-between" any two such consecutive UF's frames, whereas these four basic physical features associated with each exhaustive spatial

pixel in the universe exist only "during" each UF's frame, but "dissolve" and "cease to exist" "in-between" any two consecutive UF's frames, therefore only this singular UCP may be regarded as "real" and "constant", whereas those four basic physical features associated with all exhaustive spatial pixels in the universe may only be regarded as "phenomenal" and "transient" and therefore should be regarded as only manifestations of this singular UCP; Indeed, the full embodiment of this New "G-d's Physics" Model was expressed in the "Universal Consciousness Reality" (UCR) theoretical postulate which postulated that since the only "computationally-invariant" entity that exists uniformly both "during" the UCP's computation of each consecutive UF's frame/s and also "in-between" any two consecutive UF's frame/s is this "Universal Computational Principle", and since there cannot exist any "transference" of any "material entity" or even any "exhaustive spatial pixel/s" across any two consecutive UF's frames; therefore this UCR (profound) theoretical postulate asserts that this Universal Computational Principle (UCP) must indeed "possess" certain basic "Universal Consciousness Principle" or in fact "Universal Consciousness" characteristics – which "retain", "sustain", and "evolve" every exhaustive spatial pixel in the universe across the series of UF's frames that sustain and evolve the entire physical universe! In other words this New "Universal Consciousness Reality" (UCR) asserts that there truly exists only one singular higher-ordered Universal Consciousness which "manifests" as the physical universe "during" each consecutive UF's frame/s, and exists solely without the presence of any physical universe "in-between" any two consecutive UF's frames!

Viewed in this new light, the New "G-d's discovered "Universal Consciousness Reality" (UCR) conceives of the four basic physical features of "space", "energy", "mass" and "time" as merely representing "transient" and "phenomenal" manifestations of the real underlying singular "Universal Consciousness" – but do not exist "independently" or indeed "separately" of this UCR! So, we reach the inevitable (profound) conclusion that not only are these four basic physical features completely unified as different complimentary computational combinations of the same singular UCP's/UCR's of Frame/Object – Consistent/Inconsistent levels; but also the very existence of "space" and "time", "energy" or "mass" of each exhaustive spatial pixel in the universe for each consecutive UF's frame/s, i.e., the existence of this entire physical universe – does not exist as an "independent-objective" reality (in and of itself); Rather, the existence of these four basic physical features represent a mere "transient-phenomenal" manifestation of the singular higher-ordered Universal Consciousness Reality, which exists "uniformly" both "during" its simultaneous computation of all exhaustive spatial pixels comprising the entire physical universe for each consecutive UF's frame/s, and also solely and singularly exist "in-between" any two consecutive UF's frame/s!

Therefore, we see that the New "G-d's Physics" Paradigm not only negates- and indeed transcends- the Old "Material-Causal" Paradigm's basic assumption, wherein any relativistic or quantum phenomenon can be explained strictly based on direct physical interactions between certain relativistic (massive objects and their curvature of "Space-Time") or Quantum "probe" and "target's probability wave function"); Rather, the New "G-d's Physics" Paradigm asserts that there cannot exist any such direct (or indirect) physical interactions between any two or more exhaustive spatial pixels existing either in the same- or different- UF's frames, but instead the singular, higher-ordered UCP/UCR simultaneously computes all exhaustive spatial pixels in the universe for each consecutive UF's frame/s (and the whole physical universe "dissolves" "in-between" any two consecutive UF's frames); so that the New "G-d's Physics A-Causal Computation" Paradigm advocates a "non-causal", indeed "A-Causal" computation carried out by this singular higher-ordered UCP/UCR that computes, "dissolves", re-computes and evolves the whole entire physical universe at each consecutive UF's frame/s! Likewise, this New "G-d's Physics" Paradigm was also shown (above and previously) to completely unify- and indeed transcend- the four basic physical features of "space" and "energy", "mass" and "time" – as four complimentary and integrative computational aspects of the singular higher-ordered UCP's continuous (simultaneous) computation of each exhaustive spatial pixel, based (primarily) on its two Computational Dimensions (of Framework and Consistency); even beyond that the New "G-d's Physics" Model has been shown to transcend the Old Material-Causal conception of these four basic physical features as existing "continuously" and "independently" (e.g., being determined based on direct physical interactions between particular relativistic massive objects and their assumed curvature of space-time or between subatomic target's probability wave function and a corresponding subatomic probe element which was assumed to "cause" the "collapse of the target's probability wave function"); Instead, being viewed as merely representing "transient-phenomenal" manifestations of the singular permanent and "real" Universal "Consciousness Reality", which exists continuously both "during" its computation of every consecutive UF's frame and also solely exists (without the presence of any physical universe "in-between" any two consecutive UF's frames).

4. The "Universal Consciousness Reality" (UCR) & Its "Ten Laws of Hierarchical Manifestation"

We thus reach a completely new "A-Causal Computation", "Universal Consciousness Reality" understanding of the origin and nature of the physical universe! The universe was not created or "caused" by an initial nuclear event, nor is it run based on the direct physical interactions between certain "massive objects" and their assumed "curvature of Space-Time"! Likewise the subatomic realm is likewise not governed or determined by the direct physical interactions between

given subatomic "probe" elements and their corresponding (assumed) "target's probability wave function" – which upon contact "cause" the "collapse of the probability wave function"! Nor is the universe's accelerated expansion rate explained based on purely hypothetical "dark-matter" or "dark-energy" purely hypothetical concepts – which are assumed to directly interact with the universe's constituent stars, galaxies, etc. and "cause" its expulsion, at higher and higher rates!? Instead, the entire physical universe is discovered to be continuously computed- "dissolved"- recomputed and evolved- simultaneously at each of its multifarious exhaustive spatial pixels by the singular higher-ordered "Universal Computational Principle" or indeed "Universal Consciousness Reality" (UCR) at the unfathomable rate of $c^2/h = 1.36^{-50}$ (sec') ! In fact, we found out that what truly exists is only this singular higher-ordered Universal Consciousness Reality (UCR) which exists uniformly both "during" its computation of each consecutive UF's frame/s and also solely exists "in-between" any two consecutive UF's frame/s (wherein the entire physical universe "dissolves" back into the singularity of this UCR)! Hence, our new "G-d's Physics" understanding of the origin- true nature- and evolution- of the physical universe is undergoing a very fundamental metamorphosis, i.e., from the Old "Material-Causal" Paradigm's assumption wherein the physical universe (and its four basic physical features of "space" and "energy", "mass" and "time") exists continuously and independently and that its origin-sustenance and developments are strictly determined by its constituent material entities' interactions; to the New "G-d's Physics" Paradigm's d(amazing) discovery that the physical universe only exists as a "transient-phenomenal" manifestation of the singular higher-ordered UCR "during" this UCR's simultaneous computation of all exhaustive spatial pixels comprising each consecutive UF's frame/s (at the incredible rate of $c^2/h = 1.36^{-50}$ (sec') !) but completely "dissolves" back into this singular UCR "in-between" any two consecutive UF's frame/s!

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)

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

(**Note:** herein the singular higher-ordered UCP – represented by the Hebrew letter "Yud" ("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 "א through "ח" 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: " $c^2/h = 1.36^{50} \text{ sec}^{-1}$ ")

e) 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 its 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 "Perfectured Geula" State: Physically, Morally and Spiritually! Indeed, as outlined previously, this Perfectured 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 its 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!

5. G-d's Physics: From "Law" to "Mercy" and Beyond to a Perfected "Geula" State!

Hence, we reach the inevitable theoretical conclusion that the "Paradigmatic-Shift" brought about by the New 21st Century Theoretical Physics' "G-d's Physics" Paradigm creates an extremely profound fundamental "metamorphosis" – not only in Physics but in all of Science! This is because we can no longer analyze any scientific phenomenon "independently" of the singular higher-ordered Universal Consciousness Reality (UCR) which constitutes the only continuous and constant reality that "manifests" as all of the exhaustive spatial pixels comprising the entire physical cosmos – "during" each consecutive UF's frame, and also exists independently of the existence of any physical universe "in-between" any two such consecutive UF's frames! We realize that this singular higher-ordered UCR not only constitutes- computes- "dissolves" and evolves- every exhaustive spatial pixel in the universe but that its continuous production, computation, sustenance and evolution of the entire physical universe is "driven" and indeed "governed" through its abovementioned "Ten Laws of Hierarchical Manifestation"! This was shown to completely integrate the four basic physical features of "space", "energy", "mass" and "time", the Four basic Forces (Strong, Weak, Electromagnetic and Gravitational), this singular higher-ordered UCR's "integrated evolution" of "inanimate", "animate": "plants, animals, human-beings – and leading up to the full manifestation of an "expanded" form of Individual Human Consciousness (which is hypothesized to be "inseparable" and may function in a manner which is "equivalent" to that of the UCR itself! And ultimately this UCR's evolution of the physical universe aims at the Ultimate Perfected (Morally, Spiritually and even Physically) State Goal of "Geula" (as described in the Jewish Tradition!) We come to the inevitable profound realization that through the UCR's "Ten Laws of Hierarchical Manifestation" this sole higher-ordered UCR reality singularly aims at reaching its Ultimate Perfected "Geula" State – a "perfected" condition of the world in which Humanity will recognize and be preoccupied with studying, appreciating, revering and praying to this singular higher-ordered "Universal Consciousness Reality" – "G-d"! As was already discovered (and delineated) in several previous articles one of the profound theoretical postulates of the New "G-d's Physics" named: the UCR's "Reversed-Time Goal Hypothesis" the entire planning, execution and continuous computation of this singular higher-ordered UCR has been from its "inception" planned from its Ultimate "Geula" Goal (Perfected State) – "backwards" (in "time") to its initial UF's frames, and throughout the whole "plethora" of all "past", "present" and multiple possible "future's" only to achieve this Perfected "Geula State"!

Indeed, as outlined in several previous articles, we realize that the entire physical universe is not bound by any material-causal physical laws, but is governed and "run" solely by the singular higher-ordered UCR's Ten "Laws of Hierarchical Manifestation" whose Goal (and "motivation") is bringing about this Ultimate "Geula" Perfected State of the World! We realize that from the onset of the physical universe – as well as throughout each of its ongoing "past", "present" and multiple possible "future/s" the sole "driving force" of the continuous manifestation and evolution of the universe (e.g., including each of its multifarious exhaustive spatial pixels) is only to reach this Perfected (Morally, Spiritually and Physically) State of "Geula" in which the oneness and singularity of this UCR: "G-d"(!) will be recognized, appreciated (and revered) – leading to an inevitable peace, harmony and a sense of deep gratitude, prayer and studying of this "All-Goodness" singular Divine Reality! We see that despite the appearance of "material-interactions" and "material (relativistic or quantum) laws" – in reality, there cannot exist any such direct physical or material interactions between any two or more exhaustive spatial pixels, due to the "simultaneity" of the UCR's computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s! we realize that instead what exists is the UCR's simultaneous computation of all exhaustive spatial pixels through its three associated "Computational Dimensions" (of "Framework, Consistency and Locus) which gives rise to the four basic physical features of "space" and "energy", "mass" and "time" (as the four possible combinations of "Frame"- "consistent" ("space") or "inconsistent" ("energy") UCR's computational measures; which are conjoined and computed as integrative-complimentary secondary computational by-products of the UCR's singular "Universal Computational Formula"! But, we also realize that that this fascinating, infinite ("awe-inspiring"! capacity of the UCR to simultaneously compute the four associated basic physical features of each exhaustive spatial pixel in the universe (for each consecutive UF's frame/s) is driven by a still higher-ordered "Hierarchical Laws of Manifestation" associated with "G-d's Physics" discovery of the existence of the UCR's "Supra Spatial-Temporal Reservoir", associated "Dynamic-Equilibrium Moral Principle" and UCR's selection of one of multiple possible "future/s" based on the "Moral Choice/s" of each Individual Human Consciousness" at each point in time! Yes, we realize that due to the "inseparability" of each Individual Human Consciousness from the oneness and unity of the singular "Universal Consciousness Reality" – and the UCR's basic drive towards the Perfected "Geula" State in which all human beings will realize their "inseparability" from this singular higher-ordered UCR and hence will inevitably regard and treat each other with complete harmony and respect; therefore the UCR's "Dynamic-Equilibrium Moral Principle" drives the UCR's computation and selection of one of multiple possible future/s UF's frame/s for each of the over seven Billion

Individual Human Consciousness (human-beings) selection of any given "moral/immoral choice") at each point in time (towards any other particular given Individual Human Consciousness(!) in order to "teach" and "balance" any "immoral balance" created by any "immoral choice" by any such Individual Human Consciousness! But, we realize that the UCR's "driving" of its computation of the series of "past", "present" or multiple possible "future/s" is governed by yet higher and more expansive "Hierarchical Laws of Manifestation" – having to do with the overall plan of the singular higher-ordered UCR to manifest ever more "expansive" forms of Consciousness: from "inanimate" through "animate": "plants, animals and human beings (including its "expanded" form of Individual Human Consciousness) – which solely can begin recognizing and appreciating the existence of this singular higher-ordered UCR: "G-d"! Indeed, amongst the higher UCR's "Hierarchical Laws of Manifestation" appears the "Collective Human Consciousness Focus Hypothesis" associated with the "Non-Continuous Accelerated Expansion of the Universe at the Jewish Rosh-Hashana (New Year)" special time interval! This simply denotes the fact that since the UCR's Ultimate Goal of the Perfected "Geula" State involves the recognition of the whole of Humanity of the "Oneness" and profound "Goodness" of this singular higher-ordered UCR: "G-d"! therefore one of the higher Laws of Hierarchical Manifestation points at the ongoing annual "renewal" and in fact "accelerated evolution" of the entire universe – as created by this "Collective Human Consciousness Focus" brought about by Millions of Jews prating single-mindedly to this singular higher-ordered UCR: "G-d"(!) for renewal of their lives and all other needs, which brings about the UCR's forth giving of an accelerated expansion of the whole universe and further development of all of life in our world in throughout the entire physical universe! All of these Ten Laws of Hierarchical Manifestation culminate in the inevitable reaching of the "Geula" Perfected State – with the realization of the "Reversed-Time Goal Hypothesis" which teaches us that this singular higher-ordered UCR: "G-d"! has planned and is executing and computing all the "past", "present" and multiple possible "future/s" for the sole purpose and Goal of reaching this Perfected "Geula" state in which all human-beings and by extension of all creation will recognize the oneness, infinitude magnanimity and profound "All-Goodness" nature and existence of this singular higher-ordered Universal Consciousness Reality (UCR): "G-d"!

We therefore stand at such a "pivotal" historic time in the development of Science and Physics – and in fact of the whole of Humanity, wherein Science discovers the New "G-d's Physics" Paradigm of 21st Century Theoretical Physics which invariably points at the singularity of the sole reality of the "Universal Consciousness Reality": "G-d"! which is the sole reality behind- and in fact transcending- the apparent "transient-phenomenal" physical universe, e.g., apparently governed by "space",

"time" ("energy" and "mass") and "causality" and which is seen to drive the whole entire universe through its progressively more expansive forms of Consciousness: from "inanimate", "animate" : plants, animals, and human-beings towards the inevitable culmination of the Perfected "Geula" State in which Science and Humanity will recognize and act in perfect harmony and peace out of a complete recognition, gratitude (and reverence) of this singular higher-ordered "All-Goodness", infinite UCR: "G-d"!

!"תם ונשלם השבחה לבורא עולם!"

Dedication: this article is dedicated to my dear beloved wife, Shulamit Bentovish without whose support and love I could not have completed this Special Issue and "G-d's Physics" Book; It is dedicated to uplifting of my Dear Beloved Mother's Soul (in Heaven), Dr. Tirza Bentwich (Bat Yitzchak) whose infinite love, compassion and giving has been a guiding light in my life, to my dear beloved father, Prof. Zvi Herbert Bentwich for his personal example of Excellence as a Doctor and Scientist, and to my dear beloved two sons: Shoham and Nethanel Yossef and my wonderful daughter Neomy Tirza Shulamit, may you all live to celebrate this new profound realization of "G-d's Physics" New Paradigm! And to the whole of Humanity and Science – may we all be open minded enough to realize and embrace this new most expansive way of realizing and understanding the true nature of the world and our important "mission" in life to lead and enhance this ultimate "Geula" State of Perfection of the World and ourselves!

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