

# "G-d's Physics" New Paradigm's "Apex": Complete Unification of Relativistic & Quantum Models, The Four Basic Physical Features & Forces, Inductive & Deductive Science!

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**Note:** Dr. Bentovish is affiliated Zefat Academic Center, but is now seeking one of the leading Physics Universities in the World to further assist him in validating the New "G-d's Physics" Paradigm of 21st Century Theoretical Physics

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## Abstract

"G-d's Physics" is considered the New Scientific Paradigm for 21st century Theoretical Physics – e.g., replacing, embedding and transcending the Old "Material-Causal" Paradigm of Twentieth century Relativity Theory (RT) and Quantum Mechanics (QM); Based on the recent initial empirical validation of this New "G-d's Physics" unique "Critical-Predictions" associated with the "Proton-Radius Puzzle" findings and the "Non-Continuous Accelerated Expansion Rate of the Universe" (NCAERU) this New "G-d's Physics" Paradigm is accepted as more valid than the corresponding predictions of the Old "Material-Causal" Paradigm of RT & QM! Indeed, as part of this initial empirical validation of "G-d's Physics" NCAERU "Critical Prediction" one of its important theoretical postulates, called: the "Computational Duality Principle" was shown to (principally) negate the Old "Material-Causal" fundamental "Self-Referential Computational Structure" (SRCS); This basic SRCS Computational Structure was shown to inevitably lead to both "logical-inconsistency" and "computational-indeterminacy" that were shown to be contradicted by empirical findings indicating the capacity of these Relativistic or Quantum System to compute a satisfactory output – which therefore pointed at the existence of a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) that simultaneously computes all exhaustive spatial pixels in the universe (e.g., 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!) Based on this generalized "Computational Duality Principle" (CDP) of the New "G-d's Physics" Paradigm another (key) manifestation of the Old "Material-Causal" Paradigm in Deductive Science, i.e., "Gödel's Incompleteness Theorem" is being shown to be negated- embedded- and transcended, thereby pointing at the complete unification of all Inductive and Deductive Science as originated by "G-d's Physics" singular higher-ordered "Universal Consciousness Reality" (UCR)!

## 1. Introduction: "G-d's Physics" New Twenty-First Century Scientific Paradigm!

Twenty-first century Theoretical Physics is undergoing a profound "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm (of 20th century) Relativity Theory (RT) and Quantum Mechanics (QM) to the New "G-d's Physics" ("Computational Unified Field Theory", CUFT)! This Paradigmatic Shift ensues from the "Paradigmatic-Crisis" exhibited by the Old "Material-Causal" Paradigm characterized by the apparent principle "theoretical-inconsistency" that seems to exist between RT and QM, as well as its inability to account for the accelerated expansion of the physical universe – e.g., assumed to occur due to the presence of purely hypothetical Dark-Matter" and "Dark-Energy" (DM/DE) comprising up to 95% of all of the mass and energy in the universe, but which nevertheless failed to be directly detected (even after two decades of intensive experimentation)?! In contrast, the New "G-d's Physics" (CUFT) Paradigm has been shown capable of resolving the apparent "theoretical-inconsistency"

that exists between RT & QM based on the discovery of a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes every exhaustive spatial pixel in the universe at the incredibly rapid rate of " $c^2/h$ " =  $1.36^{50}$  (sec'), comprising an extremely rapid series of "Universal Frames" (UF's) of the whole universe (at every minimal time-point)! This New "G-d's Physics" Paradigm for 21st century Theoretical Physics also offers an alternative theoretical explanation for the accelerated expansion of the physical universe associated with this discovery of the singular higher-ordered UCP – postulated to add an accelerated number of exhaustive spatial pixels to each consecutive UF's frame/s!

The major "Theoretical Postulates" of the New "G-d's Physics" Paradigm include:

**a). The "Universal Computational/Consciousness Principle" (UCP): "A-Causal Computation" Paradigm**

The fundamental discovery made by the New "G-d's Physics"

Paradigm is that there exists a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes all exhaustive spatial pixels in the universe at the incredible rate of " $c^2/h$ " =  $1.36^{50}$  (sec) thereby producing an extremely rapid series of "Universal Frames" comprising all exhaustive spatial pixels in the universe for each "minimal time-point"! According to this new UCP theoretical postulate, the entire universe "dissolves" "in-between" any two consecutive UF's frames back into the singularity of this UCP! Indeed, due to the simultaneity of the UCP's computation of all exhaustive spatial pixels in the universe comprising each consecutive UF/s frame/s, the New "G-d's Physics" Paradigm is considered as an "A-Causal Computation" Paradigm – i.e., it 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 either in the "same" or "different" UF's frames! This is simply due to the fact that based on the simultaneity of the UCP's computation of all exhaustive spatial pixels comprising any given UF's frame, there cannot exist any such "material-causal" direct/indirect physical interactions between any two (or more) exhaustive spatial pixels; and similarly, "in-between" any two consecutive UF's frames, there cannot exist any such direct/indirect "material-causal" physical interaction/s between any two (or more) exhaustive spatial pixels – since all of the exhaustive spatial pixels comprising the entire physical universe "dissolve" back into the singularity of the UCP "in-between" any two consecutive UF's frame/s!

In order to explain this fine (abstract) new "UCP/A-Causal Computation Paradigm" postulate the New "G-d's Physics" Paradigm utilized a "Cinematic Film Metaphor" depicting: the apparent "breakage of a 'Glass-Jar' by the impact of another 'Mercury-Ball' which seem to "cause" the "spillage of the water" originally contained within that 'Glass-Jar'... Imagine a series of film-frames depicting such a scenario in which such a 'Mercury-Ball' is presented as "approaching" the "Glass-Jar", then "hitting" it – which "causes" the spillage of the water contained in the 'Glass-Jar'; Surprisingly, even though it "seems" that the clear "cause" for the "breakage" of the 'Glass-Jar' and consequent "spillage" of it's water (on the table upon which it is placed) – is the impact of the 'Mercury-Ball'; if we are to closely examine the "true-dynamics" of this Cinematic Film scenario, we will undoubtedly find out that in reality there does not exist any "direct" physical interactions between these two 'Mercury-Ball' and 'Glass-Jar' objects at any single or multiple film-frames comprising this brief film-scenario! This is because at each of these consecutive film-frames both the 'Mercury-Ball' and 'Glass-Jar' are presented simultaneously, so that they cannot interact with each other, and moreover "in-between" each two such consecutive film-frames both of these objects (as well as all other objects contained in the film-scenario) "dissolve" back into the "pure-light" that is projected in-between any two film-frames... So, we must reach the inevitable conclusion wherein despite the "appearance" of a direct "material-causal" physical interaction between these two "Mercury-Ball" and "Glass-Jar" objects, in reality there cannot exist any such direct/indirect "material-causal" physical interactions between them; Instead, what truly exists is the "arrangement" of the given series of film-frames that depict an ever closer spatial proximity of these two objects, followed by

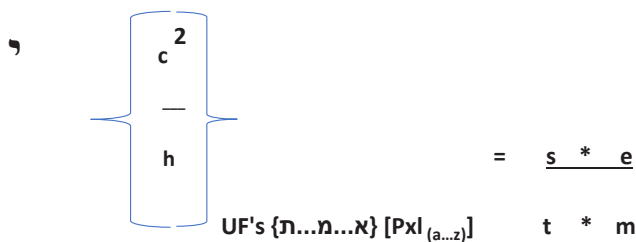
their "spatial-conjoining" followed by the apparent "breakage" of the 'Glass-Jar' and "spillage" of the water originally contained within it?! Hence, this "Cinematic Film Metaphor" assists us in beginning to comprehend the New "G-d's Physics" "A-Causal Computation" Paradigm which explains the origination- sustenance- "dissolution" (of the entire physical universe back into the singularity of the UCP "in-between" any two consecutive UF's frames)- and evolution- of the universe solely based on this singular, higher-ordered Universal Computational/Consciousness Principle's (UCP) continuous computation- "dissolution" (of the universe "in-between" any two consecutive UF's frames), re-computation, and evolution of the entire physical universe!

#### **b). The UCP's Three Computational Dimensions:**

Indeed, the New "G-d's Physics" Paradigm offers a new (and exciting) theoretical explanation for the manner in which this singular higher-ordered UCP simultaneously computes the four basic physical features of "space" and "energy", "mass" and "time" – based on two out of its three hypothesized "Computational Dimensions", e.g., "Framework" ("frame" vs. "object") and "Consistency" ("consistent" vs. "inconsistent"); According to "G-d's Physics" New Paradigm, the UCP simultaneously computes for every exhaustive spatial pixel comprising the entire physical universe these four basic physical features based on particular computational combinations, e.g., an "Object" – "consistent" or "inconsistent" computation derives the two (corresponding) physical features of "mass" and "time", whereas the UCP's computation of any given object's "Frame" – "consistent" or "inconsistent" values yields its "space" and "energy" characteristics!

#### **c). The "Universal Computational Formula" (UCF):**

Another key discovery made by the New "G-d's Physics" Paradigm is the complete unification of the four basic physical features of "space", "energy", "mass" and "time" as secondary computational by-products computed simultaneously for every exhaustive spatial pixel in the universe for each consecutive UF's frame/s! This arises directly from the abovementioned computational definitions of these four basic physical features as "Frame" – "consistent" ("space") or "inconsistent" ("energy"), or as "Object" – "consistent" ("mass") or "inconsistent" ("time"); Therefore, the newly discovered "Universal Computational Formula" completely integrates – for the first time in Physics, those four basic physical features as secondary computational by-products of the UCP's singular (higher-ordered) computation! This is because previously, Einstein's GRT was only capable of integrating between "space" and "time" – as the four-dimensional "Spacetime" continuum, or between "energy" and "mass" – based on his famous Energy-Mass Equivalence: " $E = Mc^2$ ", alongside the postulated curvature of "Spacetime" by massive objects). Indeed, this (original) "Universal Computational Formula" (UCF) was shown to completely integrate – not only those four basic physical features (as "secondary computational by-products" of the singular higher-ordered UCP's simultaneous computation of every exhaustive spatial pixel comprising the entire physical universe); but was also shown to embed key Relativistic (e.g., Energy-Mass Equivalence) or Quantum (Heisenberg's "Uncertainty Principle") as "special-cases" within the broader, more exhaustive UCF's theoretical framework.



**Figure 1: THE UNIVERSAL COMPUTATIONAL FORMULA (UCF):**

Note: which is accompanied by "G-d's Physics" (CUFT) computational (previous) definitions of these four basic physical features of "space" and "energy", "mass" and "time" as representing "Frame" – "consistent" ("space") or "inconsistent" ("energy"), or "Object" – "consistent" ("mass") or "inconsistent" ("time") computational properties of the UCP's simultaneous and integrated computation of all exhaustive spatial pixels:

$$S: (f_i\{x,y,z\}[UF(i)] + \dots + f_j\{x,y,z\}[UF(n)]) / h * n \{UF's\}$$

such that:

$$f_j\{x,y,z\}[UF(n)] \leq f_i\{x+(h*n), y+(h*n), z+(h*n)\} [UF's(i...n)]$$

where the "space" measure of a given object (or event) is computed based on a "Frame-consistent" computation that adds the specific UF's (x,y,z) localization across a series of UF's [i...n] which nevertheless do not exceed the threshold of Planck's constant per each number ("n") of frames (e.g., thereby providing "G-d's Physics" New Paradigm's computational definition of "space" as "Frame-consistent" UF's measure!

Conversely, the "energy" of any given "object" (e.g., whether it is the spatial dimensions of an object or event or whether it relates to the spatial location of an object) is computed based on the event or whether it relates to the spatial location of an object) is computed based on "Frame-inconsistent" differences of a given "object's" location or size across a series of UF's, divided by the speed of light ("c") multiplied by the number of UF's across which the "object's" energy value is computed by the UCP:

$$E: (f_i\{x,y,z\}[UF(i)] - \dots - f_j\{x,y,z\}[UF(n)]) / c * n \{UF's\}$$

such that:

$$f_j\{x,y,z\}[UF(n)] > f_i\{x+(h*n), y+(h*n), z+(h*n)\} [UF's(i...n)]$$

wherein the energetic value of a given object, event etc. is computed based on the subtraction of that object's UF's (universal pixels' Coordinate System's location) across a series of UF's, divided by the speed of light multiplied by the number of UF's.

In contrast, the computational definition of "mass" of any given "object" is computed by the UCP based on the number of times an "object" is presented "consistently" across a series of UF's, divided by Planck's constant (e.g., representing the minimal degree of inter-frame's changes):

$$M: \sum [O_i\{o-x,o-y,o-z\} [UF(n)]] \\ = O(i...n\{o-x,o-y,o-z\} \{UF(i...n)\} / h * n\{UF's(i...n)\})$$

where the UCP's computational measure of the "mass" value of any given object is computed based on the number of times in which the "Object-consistent" "internal" {o-x,o-y,o-z} values across a given series of UF's frames remains constant (e.g., identical):

such that:

$$M: [O_i\{x,y,z\}UF's(i)] - O_n\{x,y,z\}UF's(i...n)] \leq n * h [\{UF's(i...n)\}]$$

Wherein the UCP's computational measure of "mass" represents its computation of the number of UF's frame/s in which the "Object-consistent" internal values cannot exceed a minimal increase based on a multiplication of the number of UF's frames by Planck's constant value.

In contrast, the UCP's computational measure of the "time" value is based on the number of instances that a given object has "changed" – relative to the speed of light in terms of its "Object-inconsistent" "internal" {o-x,o-y,o-z} values, across a given series of UF's frames changes:

$$T: \sum [O_i\{o-x,o-y,o-z\} [UF(n)] \neq O(i...n\{o-x,o-y,o-z\} \{UF(i...n)\} / c * n\{UF's(i...n)\})$$

such that:

$$T: [O_i\{x,y,z\}UF's(i)] - O_n\{x,y,z\}UF's(i...n)] \leq c * h [\{UF's(i...n)\}]$$

Wherein the "temporal" value of any given UCP's computational measure of "time" represents its computation of the number of UF's frame/s in which the "Object-consistent" internal values cannot exceed a minimal increase based on a multiplication of the number of UF's frames by the speed of light.

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 "א through ם" 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: "c<sup>2</sup>/h" = 1.36<sup>-50</sup> sec'!

**d). The "Computational Invariance Principle" & "Universal Consciousness Reality":**

Another two new (profound) theoretical postulates proposed by the New "G-d's Physics" Paradigm are called: the "Computational Invariance Principle" and closely associated "Universal Consciousness Reality" (UCR): According to the UCR postulate, since only the "Universal Computational/Consciousness Principle" (UCP) remains constant and continuous – both "during" its computation of the four basic physical features (e.g., of "space", "energy", "mass" and "time") of every exhaustive spatial pixel comprising each consecutive Universal Frame/s, and also solely existing without the presence of any physical universe it may be considered as "computationally-invariant"; whereas the existence of every exhaustive spatial pixel's four



basic physical features may only be regarded as "computationally-variant", e.g., existing only "transiently" and "phenomenally" "during" the UCP's sole computation of every consecutive UF's frame/s but ceasing to exist (and "dissolving back into the singularity of the UCP) "in-between" any to consecutive UF's frames; therefore the "Computational Invariance Principle" theoretical postulate posits that only the "computationally-invariant" UCP may be regarded as "real", "continuous" and "permanent", whereas the "computationally-variant" exhaustive set of all spatial pixels' four basic physical features (of "space", "energy", "mass" and "time") comprising the entire physical universe must be seen as only "transient" and "phenomenal" manifestations of this singular UCP!/? Indeed, this surprising "Computational Invariance Principle" is closely associated with the novel and quite profound "Universal Consciousness Reality" (UCR) which states that since only the UCP is regarded as "computational-invariant", e.g., "real", "constant" and "continuous", whereas all exhaustive spatial pixels comprising the entire physical universe are deemed as "computationally-variant", e.g., existing only "transiently" and "phenomenally" as solely computed by this singular reality of the UCP; hence the "Universal Consciousness Reality" (UCR) theoretical postulate asserts that there exists only one singular "Universal Consciousness Reality" (UCR) – which exists uniformly and continuously both "during" its computation of every exhaustive spatial pixel's four basic physical features (of "space", "energy", "mass" and "time") and also exists solely (without any presence of any physical universe) "in-between" any two consecutive UF's frames; and therefore that the entire physical universe is realized to constitute only a "transient-phenomenal" manifestation of this singular higher-ordered UCR reality!

Indeed, the discovery of these two "Computational Invariance Principle" and "Universal Consciousness Reality" postulates inevitably lead Theoretical Physics into a profound new realization that the origin- sustenance- and evolution- of the entire physical universe may no longer be studied in terms of any direct "material-causal" physical interactions, e.g., either at the relativistic or quantum-subatomic levels, but rather must focus on the unique computational characteristics of this singular higher-ordered "Universal Computational Principle" (UCP)! Hence, what follows is a delineation of the UCP's newly discovered "Ten Hierarchical Computational Dimensions", which explicate the manner in which this singular higher-ordered UCP computes- "dissolves"- re-computes- and evolves every exhaustive spatial pixel in the universe for each successive Universal Frame/s (at the incredible rate of  $c^2/h = 1.36^{-50}$  (sec)!)

### e). The Universal Consciousness Reality's (UCR) "Ten-Hierarchical Computational Dimensions":

#### 1. The UCR's "Wisdom/Free-Will" Hierarchical Computational Dimension ("המכח"):

The UCP's first (initial highest) Hierarchical Computational Dimension is termed: the UCP's "Wisdom/Free-Will" which relates to the UCP's complete "Free-Will" in its computation and "laws" pertaining to the successive computation- "dissolution" re-computation- and evolution- of every exhaustive spatial pixel in the universe (e.g., since it is not bound by any "material-causal" physical interactions and it possesses Infinite Wisdom); Indeed, this initial UCR's "Free-Will/Wisdom" Hierarchical Com-

putational Dimension is characterized by a "Free-Will/Wisdom" of the UCR's initial conception of the creation of an apparently "separate" and "independent" physical universe – which seems to exist "independently" of the UCR's sole creation, sustenance and evolution of it(!/?), but which will nevertheless evolve into the ultimate "Goal" of creating Human-Beings possessing the most "expansive" form of Consciousness that will recognize and appreciate the sole existence and "All-Goodwill" characteristics of this singular higher-ordered UCR! It represents the UCP's initial impetus and Wisdom's conception of the possibility of creating an apparently "independent" physical universe (e.g., from its true sole "Universal Consciousness Reality's" sustenance of it) that will "evolve" the most "expansive" form of Human Consciousness leading to a recognition and appreciation of the singularity of this UCR's "Infinite Wisdom", "All-Goodness" characteristics!

#### 2. The UCP's "All-Goodness/Computation" Hierarchical Dimension ("הניב"):

The UCP's secondary Hierarchical Computational Dimension of "All-Goodness/Computation" (הניב) regards the further development of the UCR's "Hierarchical Computational Plan" execution of this initial "Free-Will/Wisdom" general conception of the creation of an apparently "independent" physical universe that evolves into Humanity's ultimate "Geulah h " State of recognizing, appreciating and living in accordance with this singular UCR's "All-Goodness" characteristics: This secondary "All-Goodness/Computation" Hierarchical Dimension conceives of the UCP's principle computation of each and every exhaustive spatial pixel – possessing the four basic physical features of "space" and "energy", "mass" and "time", which allows for the creation of apparently "independent" "living-organisms", e.g., each possessing varying degrees of "awareness" or "Consciousness", and existing apparently "independent" of their true-sole- source of the Universal Consciousness Reality!/? Indeed, it is this apparent "independence" of every Biological form (e.g., plants, animals and human-beings) from the singular "Universal Consciousness Reality" (UCR) which manifests the UCR's "All-Goodness" benevolent characteristic, since it sustains all of Life – continuously creating- "dissolving"- re-creating- and evolving every living form throughout its life-cycle, as well as produces ever more "expansive" form of Consciousness (e.g., leading up to human-beings, as further delineated in the third Hierarchical Computational Dimension, below):

#### 3. The UCR's "Reversed-Time Geulah h Goal" Hierarchical Computational Dimension ("Daat"/"תעד"):

The UCR's fourth Hierarchical Computational Dimension is termed: the "Reversed-Time 'Geulah h ' Goal" which describes (for the first time in the UCR's successive hierarchical manifestation of the physical universe) the UCR's full-complete "Blueprint Architectural Hierarchical Plan" for creating and "evolving" the entire physical universe in order to create- progressively more "expansive" forms of Consciousness, i.e., from "inanimate", "animate": plants, animals, human-beings and up to the "Ultimate Geulah h Goal" of Humanity's (and Science's) recognition of the sole and singular reality of the Universal Consciousness Reality (UCR); It describes the UCR's entire Hierarchical Computational Plan for evolving and manifesting increasingly more "expansive" forms of this singular UCR – e.g., from inanimate

"matter", through "animate": plants, animals, human-beings and up to the most "expansive" form of "Collective Human Consciousness" recognizing and leading a "Perfected: Moral, Spiritual & Physical State": in which Humanity recognizes the singularity of this "Universal Consciousness Reality" (UCR) including the basic, "Dynamic-Equilibrium Moral Principle" which compels human-beings and Humanity as a whole to lead a Moral, Harmonious & Peaceful Human Existence. It is termed "Daat" (דעת in the Jewish Chassidic-Kabbalah tradition because it signifies the UCR's "Knowledge" or "Plan" for the entire evolution of the physical universe – leading to the UCR's "Ultimate Geulah h Goal"! Indeed, this fourth Hierarchical Computational "Reversed-Time Geulah h Goal" Dimension offers a new profound insight into the UCR's overall "pre-planned successive evolution" of the entire physical universe – "conceived" of and "pre-planned" from the Ultimate "Geulah h -Goal" in a "reversed direction" through all "past"- "present" and (multiple possible) "future/s" (based on every Individual Human Consciousness' Moral Choice/s made at each point in time, as will be described in the "Dynamic-Equilibrium Moral Principle" Hierarchical Computational Dimension)! Just as an Architect constructing a complex and elaborate building will pre-plan all of the details of this complex and beautiful building in an Architectural "Blue-Print", e.g., including all of the details regarding the necessary "construction-steps" to attain the desired "end-goal" of the full Elaborate Complex Building, so it is suggested the UCR also "pre-planned" all of the necessary "past", "present" and (multiple possible) "future/s" of all the Universal Frames depicting the evolution of the entire physical universe in order to evolve the progressive ("inanimate" and "animate": plants, animals and human-beings) forms of Consciousness leading to the Ultimate "Geulah h -Goal" of Humanity (and Science)! Hence, the fourth "Reversed-Time Geulah h Goal" Hierarchical Computational Dimension ("Daat"/ דעת) signifies the UCR's complete "Knowledge" or "Plan" for evolving the entire physical universe – from inanimate matter through animate: plants, animals and human-beings towards the Perfected "Geulah h Goal State", and it is computed and "corrected" to reach this Perfected "Geulah h -State" through a continuous "adjustment" process of the UCR based on its later "Dynamic-Equilibrium Moral Principle" and closely associated "UCR's Multi Spatial-Temporal Reservoir" (as listed below).

4. The fourth "Dynamic-Equilibrium Moral Principle" Hierarchical Computational Dimension ("דעת"/Chessed): this "Dynamic-Equilibrium Moral Principle" relates to the actual execution of the UCR's fourth "Reversed-Time Geulah h -Goal" Hierarchical Computational Dimension, i.e., based on a Compassionate ("Chessed/דעת") Moral Principle which allows every human-being to "correct" any of his or her "Immoral Action/s" through the UCR's computation of an equivalent "future" corresponding to any such "immoral action", which would allow that "offending human-being" to experience the same kind (and degree) of pain/suffering that he/she inflicted upon another Individual Human-Being, so that the "offending" person could make a sincere "Teshuva" (termed so in the Jewish Tradition) signifying a sincere remorse and accompanying conscious choice not to repeat any such "immoral-action/s" in the future! Since we've seen that the whole Goal of the UCR's evolution of the entire physical universe is solely towards reaching that "Perfected Geulah h State"

in which all human-beings (and Humanity more generally) would recognize the Oneness, Morality and Peace characterizing the singular "Universal Consciousness Reality" (UCR) and lead a Moral, Peaceful and Harmonious life, therefore the means for reaching this end Goal of "Geulah h " may be attained through the (fourth) "Dynamic-Equilibrium Moral Principle" Hierarchical Dimension – which produces a "moral correction-mechanism" allowing every individual human-being (and Humanity as a whole) to "perfect" its moral behavior and awareness this through this "Dynamic-Equilibrium Moral Principle"! A "Trampoline Metaphor" has been utilized which tries to demonstrate the "correction-dynamics" of this UCR's Dynamic-Equilibrium mechanism: A scenario in which a Trampoline Sheath is placed with a "Metal-Bar" connecting two particular "points" on its surface, such that when one of these particular "point" "decides" to "inflict-pain/suffering" upon the other "point" by pressing the "Metal-Bar" against that other point, we realize that "automatically" the "suffering point" will "push-back" the same "Metal-Bar" against the initially "aggressive-point" to "balance" the Trampoline-Sheath back to its original "resting state"... This "Trampoline Metaphor" has been utilized to explain the "UCR's Dynamic-Equilibrium Moral Principle" which constantly and continuously strives to restore the "Oneness", "Peace" and "Harmony" characterizing the UCR's basic nature, e.g., to "correct" for any "moral-imbalance" created by any single one Individual Human Consciousness (person) deciding any "immoral-choice" against another given individual which brings about a "balancing-act" of the UCR creating an equivalent situation in which that "inflicting-pain/suffering" individual would have to experience him/herself the same degree and kind of pain/suffering that he/she inflicted upon the other individual, in order to realize the "inseparability" and "Oneness" of the UCR underlying both Human Consciousness...

5. The Fifth UCR's "Multi Spatial-Temporal Reservoir" Hierarchical Computational Dimension ("Deborah"/ דבורה): denotes the UCR's actual translation of the fourth "Dynamic-Equilibrium Moral Principle" into a computation of all "past", "present" and "multiple possible future/s" for each Individual human-being for every moral choice that he/she makes at any given point in time! In other words, the UCR simultaneously computes for all human-beings in the world one of multiple possible "future/s" based on each of these individual human-beings' "moral/immoral choice/s", geared towards executing the above mentioned "Dynamic-Equilibrium Moral Principle" on order to "teach" or "correct" each individual human-being's moral choice/s and realization of the underlying singular "Oneness" of the UCR comprising all individual human beings and more generally the entire physical universe (including all of its "inanimate" and "animate" forms); This steers Humanity and the entire world towards the realization of the Ultimate "Geulah h -Goal" State aimed for by the singular higher-ordered UCR reality!

6. The UCR's "Collective Human Consciousness Focus" Hierarchical Computational Dimension ("Tiferet"/ תפירת): the sixth "Collective Human Consciousness Focus Hypothesis" Hierarchical Computational Dimension postulates that the actual manifestation of the entire physical universe critically depends upon the UCR's close relationship with a "Collective Human Consciousness Focus" aimed towards that UCR! In other words,

according to "G-d's Physics" New 21st century Paradigm, the UCR's actual computation of all past- present and "multiple possible future/s" Universal Frames (UF's) constituting each consecutive Year's (time-frame) critically depends upon the "Collective Human Consciousness Focus", in which Millions of individual human-beings simultaneously focus on this singular higher-ordered UCR during a "special time-interval", i.e., such as at the Jewish "Rosh-Hashana" New Year two-days' time-interval in which Millions of Jews focus collectively upon this singular higher-ordered UCR! This sixth Hierarchical Computational "Collective Human Consciousness Focus" instigates the UCR's computation of an entire New Year derived from the (fifth) UCR's "Multi Spatial-Temporal Reservoir" – allowing for the entire physical universe development for an entire New Year, based on the already determined "past", "present" and "multiple possible future/s" for each individual human -being for the entire New Year! One of the direct empirical ramifications of this sixth "UCR's Collective Human Consciousness Focus Hierarchical Computational Dimension" correlated with one of the (two) unique "Critical-Predictions" differentiating the New "G-d's Physics" Paradigm from the corresponding predictions of both Relativity Theory and Quantum Mechanics, i.e., relating to "G-d's Physics" prediction that during the "special-time" of such a "Collective Human Consciousness Focus" taking place every Jewish New-Year's "Rosh-Hashana" two days interval (e.g., this year occurring at : Sep. 7th & 8th , 2021) there will be a "Non-Continuous Accelerated Expansion" of the entire physical universe! This is due to "Collective Human Consciousness Focus (sixth) Hierarchical Computational Dimension's" assertion wherein such a 'Collective Human Consciousness Focus', wherein Millions of Jews (all around the world) collectively focus on- and pray towards- this singular higher-ordered UCR, which is assumed to bring about the UCR's computation of all of the "past", "present" and "multiple possible future/s" UF's for all individual human beings – as well as the accelerated new expansion rate for the entire physical universe for the subsequent New Jewish Year! Alongside the previous (third) "Reversed-Time Geulah h Goal Hierarchical Computational Dimension's" realization that the UCR "pre-plans" the entire evolution of the universe including its evolution from "inanimate" matter through "animate": plants, animals and human-beings all leading towards the Ultimate "Geulah h Goal" of Human Moral and Spiritual Perfection and recognition of the singularity and "All-Goodness" nature of this UCR, we can understand that the UCR opts to compute an entire "New (Jewish) Year" in response to the "Collective Human Consciousness Focus Hierarchical Dimension – which manifests also in the "Non-Continuous Accelerated Expansion of the Universe" during the Jewish "Rosh-Hashana" two days' special "Collective Human Consciousness Focus"! Obviously, as will be elaborated below, to the extent that this unique "Critical Prediction" of the New "G-d's Physics" Paradigm will be validated empirically, then this will lead to the acceptance of the New "G-d's Physics" Paradigm as the New Paradigm for 21st century Theoretical Physics, since it negates the existence of "Dark-Matter" and "Dark-Energy" and significantly differs from the corresponding predictions of both RT & QM, representing the Old "Material-Causal" Paradigm of 20th century Physics! The Jewish Chassidic-Kabbalah symbol given to this sixth "Collective Human Consciousness Hierarchical Computational Dimension" is "תְּרַאפֶּת"/Tiferet" which translates

as "Glorification" because it signifies such "Collective Human Consciousness Focus" Glorification- or focus on- and prayer towards- this singular, higher-ordered UCR.

7. The Seventh "Computed Object Potential Values Hierarchical Computational Dimension" ("הַצֵּנִי"/"Netzach"/"Eternal"): signifies the UCR's actual simultaneous computation of all of the two "Object – "consistent" (mass) and "inconsistent" (time) values for all objects comprising the entire physical universe for each single UF frame, based on all of the previous (above mentioned) Hierarchical Computational Dimensions; it represents the beginning of the actual manifestation of any single UF's frame portrayal of the entire physical universe, which fulfills and advances the UCR's "Reversed-Time Geulah h Goal" Dimension, and furthers the "UCR's Collective Human Consciousness Focus" computation of an entire New Year's ("past", "present" and "multiple future/s") UF's frames – now being executed for each single UF's frame's constitution of all comprising object's (mass and time) values! It is also represented by the Jewish Chassidic-Kabbalah symbol of "הַצֵּנִי" "Eternal" or "Victory" because the UCR's actual computation of any single UF frame's comprising Object's (mass and time) values all constituting objects indeed signifies the advancement of the UCR's "Reversed Time Geulah h Goal Hierarchical Computational Dimension", which represents the "Eternal" or Ultimate "Geulah h -State" of the world.

8. The "Teshuva"(תְּשׁוּבָה)/"דוּוה"/"Hod"/"Forgiveness" Eighth Hierarchical Computational Dimension signifies the UCR's allowance for a "Teshuva"/ "repentance" of every individual human-being prior to the actual execution of the seventh "Computed Object Potential Values Hierarchical Computational Dimension" ("הַצֵּנִי"/"Netzach"/"Eternal" – wherein if any individual person chooses to ask "forgiveness" from the other person upon which it inflicted pain or suffering as well as from the Universal Consciousness Reality (UCR) and makes a conscious resolute decision to not repeat any such wrongdoing moral action/s (which constitutes the Jewish term of "Teshuva"); in such case, the UCR's Eighth "Teshuva" Hierarchical Computational Dimension will re-compute and in fact alter the already selected Seventh "Computed Object Potential Values Hierarchical Computational Dimension" ("הַצֵּנִי"/"Netzach"/"Eternal" ) values computed for that individual human-being's computed immediate pending "future" UF, i.e., replacing the "correcting" equivalent UF frame in which this "offending" individual would have to experience an "equivalent" painful experience (to the one experienced by the person offended by the "immoral choice" made by him/her) with a "positive" immediate future UF frame – based on the fact that that individual human-being already made "Teshuva" (sincere repentance and resolute decision not to repeat any such "immoral" action/s!) It is represented by the Jewish Chassidic-Kabbalah term of "דוּוה"/"Hod" which can be translated as "Magnanimity" because it portrays the UCR's magnanimous "forgiveness" capacity to allow for any individual human-being to make a sincere "Teshuva", thereby altering the whole evolution of the universe, based on the "corrected" moral choices of all of its individual human-beings; Indeed, it is a magnanimous UCR that allows for Humanity's "partnership" and "active role" in advancing its Ultimate "Geulah h -Goal" State, at every point in time...



9. The Ninth UCR's "Actual Computed Object Values Hierarchical Computational Dimension" ("דוסי"/"Yesod" (Foundation)): signifies the UCR's actually computed values for all of the objects in the universe for each consecutive UF's frame/s which is based on all previous Hierarchical Computational Dimensions! It is therefore represented by the Jewish Chassidic-Kabballah term of "דוסי"/"Yessod" or "Foundation" the UCR's actual computed Object (mass/time) values of all constituting objects in the universe for each consecutive UF's frame! Note, however, that this "דוסי"/"Foundation" Ninth Hierarchical Computational Dimension does not (yet) contain the two other essential UCP's "Frame" – "consistent" (space) and "inconsistent" (energy) physical features which are necessary to execute and actual UF's frame of the universe at any minimal time-point, which is computed by the Tenth Hierarchical Computational Dimension; This also correlates to the fact that the UCR's integral and essential (forth) "Dynamic-Equilibrium Moral Principle's" Hierarchical Computational Dimension's "moral-balancing" characteristic of the UCR's continuous and constant advancement of the universe (and Humanity) towards the Ultimate "Geulah h -Goal" Perfected Moral and Spiritual State necessarily involves the UCR's computation of "pairs" of "offending-offended" individual human-beings, which would have to experience the equivalent "corrected" Moral State, e.g., involving their "placement" within the same UF's frame/s (once again, computed by the UCR's Tenth "Ten Hierarchical Computational Dimensions' Universal Computational Formula"/"תוכלמ"/"Kingdom" Hierarchical Computational Dimension, below:)

10. The "Ten Hierarchical Computational Dimensions' Universal Computational Formula"/"תוכלמ"/"Malchut" (Kingdom) Hierarchical Computational Dimension ("רתכ"/"Keter-Infinity" ("Crown")): This tenth concluding Hierarchical Computational Dimension signifies the UCR's actual computation of each consecutive Universal Frame (UF), including all of its four basic physical features of "Object" – "consistent" (mass) and "inconsistent" (time), and "Frame" – "consistent" (space) and "inconsistent" (energy) for every exhaustive spatial pixel comprising the entire universe (for each minimal time-point UF's frame/s)! It consumes all of the previous Hierarchical Computational Dimensions as comprising any single consecutive UF's frame/s, thereby executing and "building" the "Kingdom" of the UCR's series of UF's inevitably leading to Its "Ultimate Geulah h -Goal" Perfected State of the world and the universe! This includes the full integration of the previous (ninth) "דוסי"/"Yessod"- "Foundation" Hierarchical Computational Dimension' comprising only the two "Object" – "consistent" (mass) and "inconsistent" (time) physical features associated with every exhaustive object comprising the entire physical universe, together with the two other "Frame" – "consistent" (space) and "inconsistent" (energy) physical features that are necessary in order to create any single (consecutive) UF's frame! It also necessitates the direct involvement and "power" of the Infinite UCR's Essence (or "רתכ" / "Crown") as it is called in the Jewish Chassidic-Kabballah Tradition which (as it were) "stands alone" in its infinitude – beyond the four basic physical features of "space", "energy", "mass" and "time", i.e., Prior to its manifesting of the entire physical universe through its associated "Ten Hierarchical Computational Dimensions"! Indeed, as can be glanced from this "Ten Hierarchical Computational Dimensions Universal Computational Formula"

(below), the direct "involvement" of this "רתכ"/"Keter" – Infinity ("Crown") Essence of the UCR is seen both "prior to" and "above" the UCR's Ten Hierarchical Computational Dimensions ("standing alone" as the "רתכ"/"Keter"-Crown" of these Ten Dimensions) and is also apparent in the "Ten Hierarchical Computational Dimensions Universal Computational Formula" – in the "Ten Hierarchical Computational Dimensions' Universal Computational Formula"/"תוכלמ"/"Malchut" (Kingdom) Hierarchical Computational Dimension ("רתכ"/"Keter-Infinity" ("Crown")); This is because in order to manifest, integrate and compute the entire physical universe simultaneously – at the incredible rate of  $c^2/h = 1.36 \cdot 10^{50}$  (sec') for each exhaustive spatial pixel it necessitates the Infinite Wisdom and Essence of the UCR!

It may be appropriate (at this point) to note that this UCR's Ten Hierarchical Computational Dimensions portrayal closely correlates to the Jewish Chassidic-Kabballah description of the Ten "תוריפס"/"Sefirot" (e.g., can be translated as "Hierarchical Computational Dimensions"); these Ten "תוריפס"/"Sefirot" Chassidic-Kabbalah Hierarchical Computational Dimensions include a representation of a "division" between the "Right-Line" side ("blue-water") side of those "descending" UCR Hierarchical Computational Dimensions that "flow" or "emanate" from the UCR towards manifesting the "apparently independent" phenomenal universe, and between those "Left-Line" ("red-fire") "ascending" UCR's Hierarchical Computational Dimensions that represent the apparently "independent phenomenal universe/beings" attempt to "reach" towards this singular higher-ordered UCR! Importantly, the "Middle-Line" Pathway connecting those "special middle-line" Dimensions, e.g., of "תעד"/"Daat" (Third "UCR's Reversed Time Geulah h Goal Dimension" , "תראפת"/"Tiferet" (Sixth "Collective Human Consciousness Focus"), "דוסי"/"Yessod" (Ninth UCR's Actual Object Computed Values), and Tenth "תוכלמ"/"Malchut" ("Ten Hierarchical Computational Dimensions' Universal Computational Formula") possess a special "direct association" with the UCR's Essence-Infinity!

## 2. Empirical Validation of "G-d's Physics" New Twenty-first Century Paradigm!

Recently, the New "G-d's Physics" Paradigm of 21st century Theoretical Physics has obtained initial empirical validation based on two of its unique "Critical Predictions", i.e., differentiating it from the corresponding predictions of the Old Model's Relativistic or Quantum predictions associated with:

### a). The "Proton-Radius Puzzle" Findings:

In order to directly contrast between the New "G-d's Physics" (CUFT) Paradigm and the corresponding predictions of the Old "Material-Causal" Paradigm, "G-d's Physics" identified a unique "Critical-Prediction" stemming from its new "computational definitions" of the four basic physical features of "space", "energy", "mass" and "time" – based on the UCP's singular higher-ordered two "Computational Dimensions" of "Framework" (frame/object) and "Consistency" (consistent/inconsistent): According to this new UCP's Computational Dimensions definition of the "mass" of any given particle as an "object-consistent" computational measure:

$$M: \sum [O_i \{o-x, o-y, o-z\} [UF(n)] = O(i \dots n \{o-x, o-y, o-z\} \{UF(i \dots n)\} / h * n \{UF's(i \dots n)\})$$

where the UCP's computational measure of the "mass" value of any given object is computed based on the number of times in which the "Object-consistent" "internal" {o-x,o-y,o-z} values across a given series of UF's frames remains constant (e.g., identical):

such that:

$$M: [O_i\{x,y,z\}UF's(i)] - O_n\{x,y,z\}UF's(i...n)] \leq n * h [\{UF's(i...n)\}]$$

Wherein the UCP's computational measure of "mass" represents its computation of the number of UF's frame/s in which the "Object-consistent" internal values cannot exceed a minimal increase based on a multiplication of the number of UF's frames by Planck's constant value.

"G-d's Physics" unique "Critical-Prediction" predicts that relatively "more-massive" particles such as the (negatively charged) "Muon" would be measured as more "spatially-consistent" than an equivalently (negatively charged) "electron" particle! This unique "G-d's Physics" "Critical-Prediction" was de-facto tested by the "Proton-Radius Puzzle" associated experiments conducted by Pohl et al. (2010); Pohl et al. (2010) set to measure the radius of a Hydrogen Proton – contrasting between the Standard Hydrogen surrounded by the (negatively charged) electron, and a "Muonic Hydrogen" in which its electron was replaced by a much more massive (negatively charged) "Muon" particle; Surprisingly, they found that the Proton radius was greatly decreased in the Muonic-Hydrogen, than in the Standard Hydrogen – which they termed as the "Proton-Radius Puzzle", because it could not be satisfactorily accounted for by Relativistic or Quantum Models?!

In contrast, these findings conform and validate the unique "Critical-Prediction" of the New "G-d's Physics" Paradigm stemming from its abovementioned new UCP's computational definition of the "mass" of any given subatomic particle:

$$M: \sum [O_i\{o-x,o-y,o-z\} [UF(n)] = O(i...n\{o-x,o-y,o-z\} \{UF(i...n)\} / h * n\{UF's(i...n)\}]$$

where the UCP's computational measure of the "mass" value of any given object is computed based on the number of times in which the "Object-consistent" "internal" {o-x,o-y,o-z} values across a given series of UF's frames remains constant (e.g., identical).

This is because according to the New "G-d's Physics" UCP's computational definition of the "mass" value of any given subatomic particle, a more massive a particle possesses more "spatially-consistent" physical features – therefore predicting the "Critical-Prediction" of the relatively "more-massive" Muonic Hydrogen Proton possessing a more "spatially-consistent", i.e., smaller and more accurate, than the relatively "less-massive" electron-associated Standard Hydrogen Proton measurements! Noteworthy is the fact that this unique "Critical Prediction" of the New "G-d's Physics" Paradigm regarding the more "spatially-consistent" measurements of the relatively more massive "Muon-Hydrogen" as opposed to the relatively less-massive "electron-Hydrogen" – could not be accounted for by the Old "Material-Causal" Paradigm of RT & QM (e.g., despite various

attempts to explain this "Proton-Radius Puzzle" findings: the "three-body force" (Karr & Hilico, 2012), interactions between gravity and the weak force, or a flavour-dependent interaction, (Onofrio, 2013; Zyga, 2013), higher dimension gravity, (Dahia, & Lemos,, 2016), a new boson, (McKeen & Miller, 2016) and the quasi-free hypothesis  $\pi^+$ (Lestone,2017); and therefore constitutes a direct empirical validation of this New "G-d's Physics" (CUFT) Paradigm!

### b). The "Universe's Non-Continuous Accelerated Expansion Rate" (UNCAER):

Another direct test of "G-d's Physics" New 21st century Physics Paradigm is provided by an additional (unique) "Critical-Prediction" that differentiates it from the corresponding predictions of the Old "Material-Causal" Relativistic "Big-Bang" Model; Specifically, if the New "G-d's Physics" Paradigm "Critical Prediction" negates the Old Paradigm's "material-causal" basic assumption regarding the "Big-Bang" Model's creation- and further accelerated expansion- of the physical universe by an initial "nuclear event" which led to subsequent "dark-matter" and "dark-energy" (purely hypothetical) concepts assumed to "cause" the accelerated expansion of the universe – and point at "G-d's Physics" novel ACC Paradigm's prediction, than this would indicate that the New "G-d's Physics" ACC Paradigm's theoretical account of the UCP continuous (simultaneous) computation of every exhaustive spatial pixel in the universe is a valid description of the continuous creation- "dissolution"- re-creation- and evolution- of the entire physical universe by this singular higher-ordered UCP!

The proposed "G-d's Physics" "Critical-Prediction" that could be tested empirically in order to validate "G-d's Physics" novel alternative conception of the continuous origination- "dissolution"- re-computation- and evolution- of the entire physical universe (simultaneously) is associated with its "Universe's Non-Continuous Accelerated Expansion Rate of Expansion" (UNCAER) – at the Jewish "Rosh-Hashana" (JRH) two-days' special time-interval, at which time according to this New "G-d's Physics" Paradigm the UCP creates a "non-continuous" significant increase in the universe's accelerated expansion rate, due to the "Collective Human Consciousness Focus" occurring during this special time; In contrast to the Old "Material-Causal" Paradigm's basic assumption wherein it is the presence of (purely hypothetical) "dark-matter" and "dark-energy" concepts which "cause" the accelerated expansion of the universe – which necessitates a "Continuous (Constant) Acceleration Rate of the Universe" (CCARU), the New "G-d's Physics" "A-Causal Computation" (ACC) Paradigm predicts an "Universe's Non-Continuous Accelerated Expansion Rate of Expansion" (UNCAER) – which takes place at those special "Collective Human Consciousness Focus" time-intervals such as the Jewish "Rosh-Hashana" (JRH); An important computational basis for this New "G-d's Physics" Paradigm are two of its former Theoretical Postulates called: the "Computational Duality Principle" (CDP) and associated "Universal Computational/Consciousness Principle" (UCP), which state that it is not possible (in principle) for any two given computational elements ("x") and ("y") to determine (or "cause") the value/s of one of these elements (i.e., "y") – because such a "Self-Referential Computational System" (SRCS) would inevitably lead to both a "logical-inconsistency" and en-



suing "computational indeterminacy" that are contradicted by that Computational System's proven (empirical) capacity to determine the given 'y' element's values:

Specifically in the case of the Old "Material-Causal" Paradigm's (implicitly) assumed "Self-Referential Computational System" SRCS: it is assumed that it is only based on the direct physical interaction between certain (purely hypothetical) "Dark-Matter/Dark-Energy" (DMDE) elements and their direct (or even indirect) physical interactions with all (possible) "exhaustive components of the Universe" ( $U_{cc}$ ) of this SRCS System – that this SRCS System is able to compute whether these "exhaustive components of the Universe" ( $U_{cc}$ ) would remain the "same" or "different" (e.g., "Not  $U_{cc}$ ")?!

Formally presented, this SRCS System of the Old "Material-Causal" Paradigm:

SRCS: {DMDE,  $U_{cc}$ -er }  $\rightarrow$  "Uec-aer" or "Not  $U_{cc}$ -aer "

But, according to "G-d's Physics" "Computational Duality Principle" (CDP) such a SRCS System inevitably leads to both "logical-inconsistency" and ensuing "computational-indeterminacy" in the case of a "Negative" SRCS outcome, i.e., "SRCNS" – in which this SRCS System yields a "negative outcome":

SRCNS: {DMDE,  $U_{cc}$ -aer }  $\rightarrow$  "Not  $U_{cc}$ -aer"

In which it is assumed that this direct (or indirect) physical interaction between (purely hypothetical) "Dark-Matter"/"Dark-Energy" (DMDE) concepts and the "exhaustive components of the Universe- accelerated rate of expansion" ( $U_{cc}$ ) "cause" a "change" in this  $U_{cc}$ -aer ("Not  $U_{cc}$ -aer"); then this leads to an inevitable "logical-inconsistency" – since this SRCNS System states that the universe possesses both the initial  $U_{cc}$ -aer rate of expansion and also possesses a "Not  $U_{cc}$ -aer" (increased) rate of expansion!?

Obviously, such SRCNS "logical-inconsistency" inevitably also leads to an intrinsic state of "computational-indeterminacy" because such a "material-causal" SRCS/SRCNS System cannot determine whether its initial  $U_{cc}$ -aer or subsequent Not  $U_{cc}$ -aer state of the universe's acceleration rate exists?!

But, to the extent that we can validate "G-d's Physics" New Paradigm's "Universe's Non-Continuous Accelerated Expansion Rate" (UNCAER) – then this would negate the SRCS assumed computational structure of the Old "Material-Causal" Paradigm! Hence, the proposed "Critical-Prediction" of "G-d's Physics" New Paradigm that could differentiate it from the corresponding Old "Material-Causal" Paradigm, e.g., regarding the "Big-Bang" Model and associated "Dark-Energy"/"Dark-Matter" should test for "G-d's Physics" predicted "Universe's Non-Continuous Accelerated Expansion Rate" (UNCAER), which coupled with the above CDP would unequivocally validate "G-d's Physics" New ACC Paradigm's conception of the UCP's singular higher-ordered continuous (simultaneous) computation- "dissolution"-re-computation- and evolution of every exhaustive spatial pixel in the universe (for each consecutive UF's frame/s).

The results are taken from a series of scientific studies indicating the existence of a significant "gap" between the universe's measured initial Cosmic Microwave Background (CMB) measurement rate of expansion indices, e.g., of approximately 67 Kilometers per second per megaparsec – as opposed to 74 kilometers per second per megaparsec in later Astronomical measures of the universe's (contemporary) rate of expansion (Scolnic et al. 2014; Riess et al. 2018a, 2019; Shajib et al. 2020; Wong et al. 2020)?! As asserted by the abovementioned "G-d's Physics" Computational Duality Principle (CDP), This "Cosmological-Astronomical Accelerated Expansion Gap" (CAAEG) indicates a SRCNS computational result yielded by the Old "Material-Causal" "Self-Referential Computational Structure" (SRCS):

SRCNS: {DM/DE,  $U_{cc}$ -er }  $t_i \rightarrow$  {"Not  $U_{cc}$ -er"}  $t_i+n$

wherein it is assumed that it is the direct (or indirect) physical interaction between (purely hypothetical) "Dark-Matter"/"Dark-Energy" (DM/DE concepts) and the "exhaustive components of the Universe- expansion rate" ( $U_{cc}$ -er) that "causes" the universe to increase its acceleration rate with time?!

But, as the CDP teaches us, such a SRCNS computational state inevitably leads to both "logical-inconsistency", e.g., an apparent contradiction between the universe's stated expansion rate at  $t_i$  : as  $U_{cc}$ -er; as opposed to its expansion rate as: Not  $U_{cc}$ -er at  $t_i+n$  ?!

This "logical-inconsistency" also invariably leads to an associated "computational-indeterminacy" – simply because such assumed SRCNS(SRCNS) computational System is unable to decide whether the universe's accelerated rate should be " $U_{cc}$ -er" (at  $t_i$ ) or "Not  $U_{cc}$ -er" (at  $t_i+n$ ) ?!

But, since according to the CDP we obtain clear empirical results (stated above) wherein the universe in fact exhibits an increase in its acceleration rate over time, e.g., as indicated by the "Cosmological-Astronomical Accelerated Expansion Gap" (CAAEG), therefore the CDP asserts that the basic SRCS/SRCNS Computational System assumed by the Old "Material-Causal" Paradigm (of RT & QM) must be negated and rejected!

Instead, "G-d's Physics" New Paradigm's CDP points at the existence of the singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes all exhaustive spatial pixels in the universe (e.g., 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 consecutive "minimal time-point"!

Indeed, the empirically observed "Cosmological-Astronomical Accelerated Expansion Gap" (CAAEG) conforms with "G-d's Physics" "Critical Prediction" of the "Universe's Non-Continuous Expansion Accelerated Rate" (UNCAER) – which is further specified to occur during such (special) "Collective Human Consciousness Focus" time-intervals as the "Jewish Rosh-Hashana" (JRH)!

### 3. The "Computational Duality Principle's" (CDP) Negation of the Old "Material-Causal" Paradigm :

As mentioned above, one of the significant theoretical postulates of the New "G-d's Physics" Paradigm is called: the "Computational Duality Principle" (CDP) which asserts that it is not possible, in principle, to compute any direct (or even indirect) relativistic or quantum physical relationship/s between any given "x" and "y" elements – from within their direct "Self-Referential Computational System" (SRCS) assumed computational structure, but only from the higher-ordered singular "Universal Computational Principle" (UCP); This is because "G-d's Physics" "Computational Duality Principle" (CDP) reveals that this "problematic" "Self-Referential Computational System" (SRCS) computational structure characterizing the Old "Material-Causal" Paradigm inevitably leads to both "logical-inconsistency" and ensuing "computational-indeterminacy" that are intrinsic to this SRCS computational structure; But, since in all of those Relativistic or Quantum Systems, there exists robust empirical evidence that those Systems are capable of computing the outputted result of the System, therefore the CDP asserts that there must exist a singular higher-ordered "Universal Computational Principle" computing the various states and existence of these Relativistic or Quantum Systems!

The most general representation of this CDP can be given as: Whenever there exists a SRCS System (of the computational structure) assuming that the whole computation is determined solely at the same "di1" computational level:

$$\text{SRCS } \{x, y\} \rightarrow "y" \text{ or } "Not\ y"/di1$$

the possibility of SRNCS (e.g., "negative" "Not y" output):

$$\text{SRNCS } \{x, y\} \rightarrow "Not\ y"/di1$$

Inevitably leads to "logical-inconsistency", since the "y" element seems to both "exist" and "not exist" at the same "di1" computational level?!

$$\text{SRNCS } \{x, y\} \rightarrow "Not\ y"/di1$$

Such apparent "logical-inconsistency" also inevitably leads to an ensuing "computational indeterminacy", i.e., an apparent inability of such SRCS/SRNCS to determine whether the "y" element exists or "doesn't exist", e.g., denoting a different altered value for this "y" element?!

But, since there exists specific empirical evidence for any of these Relativistic or Quantum Systems' capability to determine and output a particular "y" value, therefore this contradicts the Duality Principle's above proof that such an assumed SRCS/SRNCS Computational System inevitably leads to both "logical-inconsistency" and ensuing "computational indeterminacy" – therefore the CDP points at the existence of a singular higher-ordered UCP which simultaneously computes all exhaustive spatial pixels in the universe (as postulated by "G-d's Physics" "Universal Computational Principle", e.g., thereby producing the extremely rapid series of "Universal-Frames", UF's at the incredible rate of " $c^2/h = 1.36 \cdot 10^{50} \text{ sec}^{-1}$ " comprising the entire physical universe at every such "minimal time-point);

Hence, below is a detailing of the various examples and manifestations of this Old "Material-Causal" Paradigm's assumed SRCS (& SRNCS) Computational Systems – which are all constrained and in fact negated by "G-d's Physics" New Paradigm, all pointing at the "Computational Duality Principle's" (CDP) asserted singular higher-ordered UCP (of "G-d's Physics New "A-Causal Computation" Paradigm)!

#### a). The "Big-Bang Model":

The "Big-Bang" Model represents this Old "Material-Causal" Paradigm's assumption wherein it is the direct physical interaction/s between a certain "Nuclear Event" (NE) and a given "exhaustive components of the Universe" exhibiting a certain "expansion state" at (U-ec/es) that "causes" the universe's expansion state to "increase", e.g., that is, be "different" than the initial "expansion state", which can be represented as:

$$\text{SRNCS } \{NE, (U-ec/es)\} \rightarrow \text{NOT } (U-ec/es) /di1$$

Noteworthy is highlighting the implicit "material-causal" assumption of this "Big-Bang" Model's SRCS/SRNCS Computational System, e.g., whereby this SRCS/SRNCS Computational System assumes that it is solely based on this direct physical interaction between the NE and the initial state of the universe's expansion (U-ec/es) that this SRCS/SRNCS System is able to compute the different NOT (U-ec/es) state of the universe; Specifically that the entire SRCS/SRNCS computation exists at the same "di1" computational level of the SRCS!

But, such a SRCS/SRNCS Computational System inevitably leads to a "logical-inconsistency":

$$\text{SRNCS } \{NE, (U-ec/es)\} \rightarrow \text{NOT } (U-ec/es) /di1?!$$

This implies that the SRCS/SRNCS Computational System assumed by the Old "Material-Causal" Paradigm inevitably also leads to an apparent "computational indeterminacy", e.g., an apparent inability of this SRCS/SRNCS Computational System to determine whether the universe will remain its initial (U-ec/e)s state or evolve into the latter "NOT (U-ec/es)"?!

But, since there exists robust empirical evidence indicating the existence of a significant "gap" between the universe's measured initial Cosmic Microwave Background (CMB) measurement rate of expansion indices, e.g., of approximately 67 Kilometers per second per megaparsec – as opposed to 74 kilometers per second per megaparsec in later Astronomical measures of the universe's (contemporary) rate of expansion (Scolnic et al. 2014; Riess et al. 2018a, 2019; Shajib et al. 2020; Wong et al. 2020) indicates that there exists a Computational System that is capable of determining the universe's accelerated rate of expansion – which actually increases "non-continuously" with time: "NOT (U-ec/es)"!

Hence, according to the CDP, this Computational System cannot comprise the Old "Material-Causal" Paradigm's – but only the singular higher-ordered "Universal Computational System" (UCP), which simultaneously computes all exhaustive spatial pixels in the universe (e.g., at the incredible rate of " $c^2/h = 1.36 \cdot 10^{50} \text{ sec}^{-1}$ " of a series of "Universal Frames")!

**b). General Relativity Theory (GRT) "Einstein's Equations"**

Another (key) manifestation of this Old "Material-Causal" Paradigm's basic assumption is GRT's Einstein's Equations basic "material-causal" assumption: According to Einstein's Equations, the presence of certain "Massive Objects" (MO) and their direct physical interaction with "Space-Time" "causes" a change in the curvature level of this "Space-Time":

$$\text{SRNCS } \{MO, \text{STc}\} \rightarrow \text{"NOT STc"}/\text{di1}$$

But, once again, such a SRNCS output of the SRCS Computational System basic computational structure inevitably leads to both "logical-inconsistency", i.e., in intrinsic inability of the SRCS(SRNCS) assumed Computational System to determine whether the initial STc or the subsequent "NOT STc" state of "Space-Time" should exist – since they're both intrinsic elements within the same SRCS/SRNCS "di1" computational level!

$$\text{SRNCS } \{MO, \text{STc}\} \rightarrow \text{"NOT STc"}/\text{di1}$$

Therefore, once again the CDP points at the ensuing "computational-indeterminacy" of such a SRNCS Computational System, which cannot decide whether the resulting state of Relativistic System should remain at the initial STc state or undergo an additional curvature of Space-Time as in the more "curved Space-Time" state, e.g., signified by "NOT STc"?!

But, since the abovementioned clear empirical indication of the existence of a significant "gap" between the universe's measured initial Cosmic Microwave Background (CMB) measurement rate of expansion indices, e.g., of approximately 67 Kilometers per second per megaparsec – as opposed to 74 kilometers per second per megaparsec in later Astronomical measures of the universe's (contemporary) rate of expansion (Scolnic et al. 2014; Riess et al. 2018a, 2019; Shajib et al. 2020; Wong et al. 2020) represents a "special-case" of GRT's Einstein's Equations, then this indicates that the Computational System that is capable of determining the universe's accelerated rate of expansion (associated with Einstein's abovementioned SRCS/SRNCS assumed Computational System);

Therefore, once again, the CDP points at the existence of a singular higher-ordered UCP which simultaneously computes every exhaustive spatial pixel's four basic physical features -of "space", "energy", "mass" and "time", giving rise to an extremely rapid series of UF's frames; Indeed, "G-d's Physics" New "A-Causal Computation" (ACC) Paradigm was shown to offer an alternative computational account for the apparent "material-causal" "curvature of Space-Time by massive objects" – i.e., based on "G-d's Physics" (CUFT) novel computational definitions of the four basic physical features by this singular higher-ordered UCP, and the new "Universal Computational Formula" which completely unifies (for the first time in Physics) between these four basic physical features of the universe:

$$S: (f_i \{x,y,z\} [UF(i)] + \dots f_j \{x,y,z\} [UF(n)]) / h * n \{UF's\}$$

such that:

$$f_j \{x,y,z\} [UF(n)] \leq f_i \{x+(h*n), y+(h*n), z+(h*n)\} [UF's(i\dots n)]$$

where the "space" measure of a given object (or event) is computed based on a "Frame-consistent" computation that adds the specific UF's (x,y,z) localization across a series of UF's [i\dots n] which nevertheless do not exceed the threshold of Planck's constant per each number ("n") of frames (e.g., thereby providing "G-d's Physics" New Paradigm's computational definition of "space" as "Frame-consistent" UF's measure!

Conversely, the "energy" of any given "object" (e.g., whether it is the spatial dimensions of an object or whether it relates to the spatial location of an object) is computed based on the event or whether it relates to the spatial location of an object) is computed based on "Frame-inconsistent" differences of a given "object's" location or size across a series of UF's, divided by the speed of light ("c") multiplied by the number of UF's across which the "object's" energy value is computed by the UCP:

$$E: (f_i \{x,y,z\} [UF(i)] - \dots f_j \{x,y,z\} [UF(n)]) / c * n \{UF's\}$$

such that:

$$f_j \{x,y,z\} [UF(n)] > f_i \{x+(h*n), y+(h*n), z+(h*n)\} [UF's(i\dots n)]$$

wherein the energetic value of a given object, event etc. is computed based on the subtraction of that object's UF's (universal pixels' Coordinate System's location) across a series of UF's, divided by the speed of light multiplied by the number of UF's. In contrast, the computational definition of "mass" of any given "object" is computed by the UCP based on the number of times an "object" is presented "consistently" across a series of UF's, divided by Planck's constant (e.g., representing the minimal degree of inter-frame's changes):

$$M: \sum [O_i \{o-x,o-y,o-z\} [UF(n)] = O(i\dots n \{o-x,o-y,o-z\} \{UF(i\dots n)\} / h * n \{UF's(i\dots n)\}$$

where the UCP's computational measure of the "mass" value of any given object is computed based on the number of times in which the "Object-consistent" "internal" {o-x,o-y,o-z} values across a given series of UF's frames remains constant (e.g., identical):

such that:

$$M: [O_i \{x,y,z\} UF's(i)] - O_n \{x,y,z\} UF's(i\dots n)] \leq n * h \{UF's(i\dots n)\}$$

Where in the UCP's computational measure of "mass" represents its computation of the number of UF's frame/s in which the "Object-consistent" internal values cannot exceeds a minimal increase based on a multiplication of the number of UF's frames by Planck's constant value.

In contrast, the UCP's computational measure of the "time" value is based on the number of instances that a given object has "changed" – relative to the speed of light in terms of its "Object-inconsistent" "internal" {o-x,o-y,o-z} values, across a given series of UF's frames changes:

$$T: \sum [O_i \{o-x,o-y,o-z\} [UF(n)] \neq O(i\dots n \{o-x,o-y,o-z\} \{UF(i\dots n)\} / c * n \{UF's(i\dots n)\}$$



such that:

$$T: [O_i\{x,y,z\}UF's(i)] - O_n\{x,y,z\}UF's(i...n)] \leq c * h [ \{UF's (i...n)\} ]$$

Where in the "temporal" value of any given UCP's computational measure of "time" represents its computation of the number of UF's frame/s in which the "Object-consistent" internal values cannot exceed a minimal increase based on a multiplication of the number of UF's frames by the speed of light.

**THE UNIVERSAL COMPUTATIONAL FORMULA (UCF):**

$$\left. \begin{array}{c} c^2 \\ - \\ h \end{array} \right\} UF's \{n...m...x\} [Px]_{(a...z)} = \frac{s * e}{t * m}$$

Note: which is accompanied by "G-d's Physics" (CUFT) computational (previous) definitions of these four basic physical features of "space" and "energy", "mass" and "time" as representing "Frame" – "consistent" ("space") or "inconsistent" ("energy"), or "Object" – "consistent" ("mass") or "inconsistent" ("time") computational properties of the UCP's simultaneous and integrated computation of all exhaustive spatial pixels:

**c). Quantum Mechanics "Material-Causal" Assumed Collapse of the Target's Probability Wave-Function:**

Another important manifestation of the Old "Material-Causal" Paradigm's basic assumption which is challenged and negated by "G-d's Physics" New "Computational Duality Principle" is Quantum Mechanics' "material-causal" assumption wherein it is the direct physical interaction between a given subatomic "probe" (P) element and a corresponding subatomic ("un-collapsed") "target's probability wave-function" (Tu-wf)– which is assumed to "cause" the "collapse of the probability wave-function" into a single "complimentary" (space/energy or time/mass) value:

$$SRNCS: \{P, Tu-wf\} \rightarrow "NOT T_{u-wf}"/di1$$

But, as stated above, according to the CDP such a SRNCS Computational System inevitably leads to "logical-inconsistency" and ensuing "computational-indeterminacy":

$$SRNCS: \{P, Tu-wf\} \rightarrow "NOT Tu-wf"/di1$$

Wherein this assumed SRNCS Computational System cannot decide whether the target element should exhibit its assumed "un-collapsed" probability wave function values or the single "complimentary" (space/energy or mass/time) "collapsed" value?!

However, since we know empirically that any such QM System is capable of determining the "collapsed" single complimentary value of any given subatomic target element – therefore the CDP points at the existence of the singular higher-ordered "Universal Computational Principle" (UCP) which simultaneously computes all exhaustive spatial pixels in the universe as an extremely

rapid series of Universal Frames (UF's) at the incredible rate of "c<sup>2</sup>/h" = 1.36<sup>-50</sup> sec<sup>-1</sup>!

As outlined and delineated extensively (previously) the New "G-d's Physics" "A-Causal Computation" Paradigm expands, embeds and transcends the Old "Material-Causal" Paradigm's conception of QM's "single spatial-temporal" "particle", "multiple spatial-temporal" "wave" – and "exhaustive" "Universal Frames" (UF's) computational perspectives which are all embedded within the UCP's singular higher-ordered (integrated) "Universal Computational Formula" (outlined above).

**4. "G-d's Physics Resolves "Gödel's Incompleteness Theorem"**

"G-d's Physics" discovery of the (generalized) "Computational Duality Principle" (CDP) indicates that any "Self-Referential Computational System" (SRCS) of the general structure:

$$SRCS \{x, y\} \rightarrow "y" \text{ or } "Not y"/di1$$

the possibility of SRNCS (e.g., "negative" "Not y" output):

$$SRNCS \{x, y\} \rightarrow "Not y"/di1$$

Inevitably leads to "logical-inconsistency", since the "y" element seems to both "exist" and "not exist" at the same "di1" computational level?!

$$SRNCS \{x, y\} \rightarrow "Not y"/di1$$

Such apparent "logical-inconsistency" also inevitably leads to an ensuing "computational indeterminacy", i.e., an apparent inability of such SRCS/SRNCS to determine whether the "y" element exists or "doesn't exist", e.g., denoting a different altered value for this "y" element?!

But, since there exists specific empirical evidence for any such particular SRCS Computational System that it is capable of determining the value of the "y" element, e.g., as "y" or "Not y"; Therefore the (generalized) CDP deduces that in such apparent SRCS Computational System instances this unequivocally points at the existence of the singular (higher-ordered) "Universal Computational/Consciousness Principle" which simultaneously computes all exhaustive spatial pixels in the universe (e.g., for each consecutive UF's frame as indicated by "G-d's Physics" initial empirical validation)!

We now apply this generalized CDP to the special case of "Gödel's Incompleteness Theorem" (GIT) which is also suggested to comprise precisely such an equivalent SRCS/SRNCS Computational System structure!

This is because computationally, "Gödel's Incompleteness Theorem" (GIT) can be represented at comprising such a SRCS/SRNCS Computational Structure:

$$GIT: SRNCS \{S, c\} \rightarrow "Not c"/di1$$

Wherein GIT describes any given computational "Logical-Mathematical" System ("S") that contains within it a definition of

"consistency" (e.g., "consistent") of that System – which then is outputting a "Not c" (e.g., "not consistent") result, which therefore leads to both "logical-inconsistency" and ensuing "computational indeterminacy";

But since any such given Logical-Mathematical System can be determined whether this System is "consistent" or "inconsistent", e.g., albeit not necessarily from "within" that System itself; therefore this GIT SRCS/SRNCS Computational Structure points at the CDP's inference that there must exist a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which can compute the "consistency" of any given Logical-Mathematical System- which is based on this UCP's extremely rapid simultaneous computation of every exhaustive spatial pixel in the universe (for each consecutive UF's frame/s), e.g., at the incredible rate of  $c^2/h = 1.36^{50}$  (sec), as described by "G-d's Physics" New Paradigm's discovered "Universal Computational Formula":

### THE UNIVERSAL COMPUTATIONAL FORMULA (UCF):

$$\left. \begin{array}{c} c^2 \\ - \\ h \end{array} \right\} \text{UF's } \{n \dots n \dots n\} [PxI_{(a \dots z)}] = \frac{s}{t} * \frac{e}{m}$$

Note: which is accompanied by "G-d's Physics" (CUFT) computational (previous) definitions of these four basic physical features of "space" and "energy", "mass" and "time" as representing "Frame" – "consistent" ("space") or "inconsistent" ("energy"), or "Object" – "consistent" ("mass") or "inconsistent" ("time"), computational properties of the UCP's simultaneous and integrated computation of all exhaustive spatial pixels:

Note, however, that the application of the CDP in the case of GIT is not "arbitrary" – but rather stems from its manifestation and representation of a "special-case" embodying the Old "Material-Causal" Paradigm (e.g., shown to also underlie Relativistic and Quantum Models); This is because the basic SRCS/SRNCS Computational Structure of GIT inevitably leads to the abovementioned "logical inconsistency" and "computational-indeterminacy" which are contradicted by the empirical capacity to determine the "incompleteness", e.g., "not-consistent" value of any given Mathematical System -pointing at the existence of a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) that simultaneously computes any given Logical-Mathematical System and its "consistency" value; i.e., akin to the UCP's simultaneous computation of all exhaustive spatial pixels in the universe (for each consecutive UF's frame/s); Indeed, its important to emphasize that "G-d's Physics" CDP's negation of GIT's SRCS/SRNCS Computational Structure – also negates the existence of any other possible ("higher-ordered") D2 Computational System, e.g., even beyond the stipulated "di1" Computational System" illustrated in the CDP's negation of GIT's SROCS/SRONCS Computational System: This is because, once again, if we assumed the existence of any such "higher-ordered" "D2" Computational System that would be ca-

pable of computing GIT SRCS/SRNCS Computational Structure, we would, in fact, precisely "replicate" the same "problematic" SROCS/SRONCS Computational Structure which has led to the initial SRCS/SRNCS inevitable "logical-inconsistency" and ensuing "computational indeterminacy":

$$\text{GIT: SRNCS } \{S, c\} \rightarrow \text{"Not } c\text{"}/D2$$

We could therefore also "extrapolate" this basic "computational inadequacy" of any hypothetical "Nth" level Computational System possessing the same "impossible" SRCS/SRNCS Computational Structure – as being principally "negated" by the (generalized) CDP!

$$\text{GIT: SRNCS } \{S, c\} \rightarrow \text{"Not } c\text{"}/N^{\text{th}}$$

Indeed, the gist or "essence" of "G-d's Physics" Computational Duality Principle's (CDP) principle negation of any given or hypothetical SRCS/SRNCS Computational Structure stems from the basic "material-causal" assumption – represented by the basic SRCS/SRNCS Computational Structure, i.e., assuming that it is the direct (or indirect) interactions between any two (or more) "x" and "y" elements that "causes" or determines their "y" value outcome; and it is the principle negation of this "material-causal" (SRCS/SRNCS) assumption by the CDP – which inevitably points at the necessary existence of a singular higher-ordered UCP which can alone carry out an alternative "A-Causal Computation" (ACC) which simultaneously computes all exhaustive spatial pixels in the universe (e.g., at the incredible rate of  $c^2/h = 1.36^{50}$  (sec))! In other words, the real "reason" for the New "G-d's Physics" "Computational Duality Principle's" (CDP) principle negation of GIT is its representation of the basic "Material-Causal" SRCS/SRNCS Computational Structure – which is based on an assumed direct (or even indirect) "material-causal" interaction between any given "x" and "y" elements that inevitably leads to the "logical-inconsistency" and associated "computational-indeterminacy" that are contradicted by empirical findings indicating the capacity of any given "Logical-Mathematical System" to determine its resulting "y" element value (e.g., "y" value or "Not y" value/s), thereby pointing at the singular higher-ordered "Universal Computational/Consciousness Principle's" (UCP) simultaneous "A-Causal Computation" of all exhaustive spatial pixels in the universe (e.g., for each consecutive UF's frame/s) – including its basic computation of the "Consistency" of any such given "Logical-Mathematical System"!

In other words, we begin realizing that the Old "Material-Causal" SRCS/SRNCS Paradigm of RT, QM – and also of Deductive Science's constraining "Gödel's Incompleteness Theorem" (GIT) must give way to the New "G-d's Physics" "A-Causal Computation" (ACC) Paradigm, which alone can resolve the inevitable SRNCS "logical-inconsistency"/"computational-indeterminacy" by revealing the singularity of the UCP's simultaneous computation of every exhaustive spatial pixel's "Consistency" for every consecutive UF's frame/s! " But, perhaps before analyzing and delineating this basic fundamental Computational Principle underlying the UCP's computation of all Inductive Natural Science's and also Deductive "Logical-Mathematical Science, let us review "G-d's Physics" highly significant breakthrough capacity to completely unify between Relativistic & Quantum Models,

the four basic physical features of "space" and "energy", "mass" and "time" and the Four basic Forces (Weak and Strong nuclear forces, Electromagnetic and Gravitational)!

#### 4. "G-d's Physics" Complete Unification of the Four Basic Physical Features & Four Forces!

In order to fully appreciate "G-d's Physics" New 21st Century breakthrough in Theoretical Physics – and specifically it's complete unification of these four basic physical features of "space" and "energy", "mass" and "time" (which is the highlight of this article), we first need to understand the basic principle difference between the Old "Material-Causal" Paradigm of 20th Century Physics – underlying both Relativity Theory (RT) and Quantum Mechanics (QM): The basic assumption underlying both RT & QM is the Old (20th Century) Paradigm's "Material-Causal" Assumption; Basically, this "Material-Causal" Assumption posits that any physical phenomenon can be explained simply based on a finite series of direct physical interactions between a given set of material elements! In this manner, RT sought to explain the origin- and evolution- of the entire physical cosmos based on the direct physical interaction/s of given series of "massive" objects and their "causal" effect of curving (the "fabric" of) "Space-Time", or conversely explain the whole existence and dynamics of the subatomic reality based on the direct physical interactions between a subatomic "probe" and corresponding subatomic "target's probability wave function – which "causes" the "collapse" of that subatomic target's (assumed) "probability wave function" elements; But, based on the "G-d's Physics" New 21st Century Paradigm's discovery of the singular higher-ordered Universal Computational/Consciousness Principle (UCP) posited to simultaneously compute every exhaustive spatial pixel in the universe, e.g., for each consecutive Universal Frame/s (UF's), then this "Material-Causal" basic assumption is strictly negated! This is because this simultaneous UCP computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s prohibits and negates the very possibility of the existence of any such direct physical interaction/s between any two (or more) exhaustive spatial pixels existing either in the same- or different UF's frame/s! Moreover, since the whole physical universe is posited to "dissolve" "in-between" any two such consecutive UF's frame/s, therefore there cannot also exist any direct "physical interaction" or even any "transference" of any "material" or "physical" element/s "across" any two consecutive UF's frame/s! Therefore, the New "G-d's Physics" Paradigm (of 21st Century Physics) completely negates the basic "Material-Causal" assumption underlying both RT & QM - instead calling for a fundamental revision of our basic understanding of the origin- nature- dynamics- and evolution- of the entire physical cosmos! Nevertheless, it is important to note that the New "G-d's Physics" Paradigm does not negate the key phenomena described either by RT or QM – but rather explains them in a completely different manner, based on its much broader and more exhaustive theoretical understanding: Perhaps the best "starting-point" to describe the principle difference between this New "G-d's Physics" Paradigm and the Old "Material-Causal" paradigm (underlying both RT & QM) is by delineating "G-d's Physics" novel (and profound) analysis of the four basic physical features of "space", "energy", "mass" and "time": Unlike either RT or QM in which these four basic physical features are conceptualized as existing

"separately" or "independently" of each other – albeit there exist certain "inter-relationships" (e.g., such as the unification of "space" and "time" as a four dimensional "Space-Time" continuum) or even certain "equivalences" (e.g., such as Relativity's famous "Energy-Mass Equivalence"), the New "G-d's Physics" Paradigm's "computational definitions" of each of those four basic physical features – as computed by a singular (higher-ordered) "Universal Computational/Consciousness Principle" (UCP) and its associated (novel) "Universal Computational Formula" (UCF) completely integrates these four basic physical features as comprising integral and in fact "inseparable" secondary computational by-products of this singular UCP's computation (and creation) of a series of Universal Frames!

In a nutshell, the New "G-d's Physics" Paradigm postulates that these four basic physical features of "space" and "energy" or "mass" and "time" are computed simultaneously by the singular (higher-ordered) Universal Computational/Consciousness Principle (UCP) – for each exhaustive spatial pixels, comprising the (extremely rapid, e.g., " $c^2/h$ " = 1.36<sup>-50</sup> sec!) series of Universal Frames (UF's) portraying the entire physical universe (at each such minimal "time-point"); This extremely rapid computation of the UCP of each consecutive UF's frames' exhaustive spatial pixels' four physical features (of "space" and "energy", "time" or "mass") is associated with the UCP's three "Computational Dimensions" – specifically with two of them, namely: "Framework" ('frame' vs. 'object') and "Consistency" ('consistent' vs. 'inconsistent'); This is because the UCP's computation of any exhaustive spatial pixel's "frame"- "consistent" or "inconsistent" measures (across a series of UF's frames) produces that spatial pixel's "space" and "energy" values! And likewise, the UCP's computation of any given exhaustive spatial pixel's "object" – "consistent" or "inconsistent" computational measures (across a series of UF's frames) provides that pixel's "mass" and "time" values! It is obviously quite "stunning" or indeed almost "inconceivable" to fathom the complexity and "infinite" of the UCP's "Intelligence" – capable of simultaneously computing each of the almost infinite exhaustive spatial pixels comprising the entire physical universe for each consecutive UF's frame/s; and for each of these exhaustive spatial pixels the UCP has to compute the degree of that spatial pixel's "degree of change" ("inconsistent") or "degree of lack of change" ("consistent") – both at the "object" level, i.e., the number of times that that given object is presented "consistently" across a series of UF's frames (regardless of its "location" relative to the coordinates of the entire UF's Frame/s)... What's perhaps even more profound is this New "G-d's Physics" Paradigm's realization that the UCP's simultaneous computation of each exhaustive spatial pixels' four basic physical features of "space" and "energy", or "mass" and "time" – as the UCP's computation of any given spatial pixel's "frame" – consistent or "inconsistent", or "object"- "consistent" or "inconsistent" measures points at the complete integration of these four basic physical features as "secondary computational measures" of the same (singular) UCP's simultaneous computation!

We can begin noticing this UCP's complete integration of these four basic physical features – simply based on their "complementary" computational characterizations: since (once again) the computational definitions of the UCP's computation of an



"object's" – "consistent" vs. "inconsistent" measures of "energy" and "space", or of an object's "frame" – "consistent" or "inconsistent" measures as its "mass" and "time" values; this means that the UCP's computation of each of these "complimentary" computational measures of "frame"- "consistent" (space) or "inconsistent" (energy) values implies that these "complimentary computational" ("frame"- or "object"-) measures does not exist "independently" of each other, but rather represents complimentary-integrated secondary computational measures of the same UCP's singular integrated computation! Likewise, the UCP's singular-integrated computation of any given "object's" – "consistent" ("mass") or "inconsistent" ("time") computational measures must also be completely integrated as the UCP's simultaneous computation of any such given "object's" – "consistent" ("mass") or "inconsistent" ("time") computational measures represent "complimentary-interdependent" stemming from the UCP's singular simultaneous computation of that given "object's" degree of "change" ("inconsistent": "mass") or "lack of change" ("consistent": "time")! It may be said that these UCP's simultaneous singular-integrated computation/s of any given "object's" – "consistent" ("mass") or "inconsistent" ("time"), or of any given object's "frame" – "consistent" ("space") or "inconsistent" ("energy") values may be likened to the "measurement" of a given "cup's" – "half full" or "half-empty" properties which are "interdependent" and really represent "complimentary measures" of the same "cup's liquid-filled reality"!?)

In fact, as shown previously, the UCP's "singular-integrated" computation of each of these "object" – "consistent" ("mass") or "inconsistent" ("time"), or "frame" – "consistent" ("space") or "inconsistent" ("time") measures is seen as also being "interdependent" or represent different "secondary computational integrated measures" of the same UCP singular simultaneous "Framework" ("object"/"frame") & "Consistency" ("consistent" or "inconsistent") Computational Dimensions' integrated computation! As shown previously, this lead to the discovery of the singular fully integrated UCP's "Universal Computational Formula" (UCF) which portrays the profound (and elegant) full integration of the UCP's simultaneous computation of these four basic physical features

**THE UNIVERSAL COMPUTATIONAL FORMULA (UCF):**

$$\left. \begin{array}{c} c^2 \\ - \\ h \end{array} \right\} \text{UF's } \{\aleph \dots \aleph \dots \aleph\} [Px]_{(a..z)} = \frac{s * e}{t * m}$$

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 "א through ם" to ""(נ 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:  $c^2/h = 1.36^{50} \text{ sec}^{-1}$ ! as can be seen from this "Universal Computational Formula" (UCF), the UCP simultaneously computes an integrated and combined interrelationships between these two "Object- consistent (mass)/inconsistent (time) and Frame-consistent (space) /inconsistent (energy) computational pairs! As previously delineated, this complete integration between the four basic physical features of "space", "energy", "mass" and "time" – as secondary integrated computational properties of the UCP's singular (higher-ordered) computation stems from the fact that each of these four secondary computational physical features represents a particular facet of the same singular integrated UCP's computation represented by this Universal Computational Formula! Thus, for instance, we can notice that the UCP's computation of an "object's" – number of "consistent" ("mass") presentations necessarily increases, as a function of that object's (UCP's computation of) its "frame-inconsistent" ("energy") value! This is simply due to the fact that the greater the value of a given object's "frame-inconsistent" ("energy") computed by the UCP, e.g., which implies that the UCP computes a greater degree of "displacement" (relative to the entire UF's frame) across a series of such UF's frames; this necessarily entails that that "object-consistent" ("mass") value has to also increase (due the maximal stipulated displacement of any given object across two consecutive UF's frames!)

So, we find that, for instance, the close "interdependency" between the UCP's computation of any given object's "frame-inconsistent" ("energy") value and its computed "object-consistent" ("mass") value stems from the fact that the UCP simultaneous computation of each exhaustive spatial pixel comprises a singular-integrated process carried out by its three (and specifically two) "Computational-Dimensions", e.g., of "Framework" ("frame" or "object") and "Consistency" ("consistent" or "inconsistent")! Likewise, we find that the "special-case" of Relativity's dilation of "time" ("object-inconsistent") as a function of an increase in "mass" (object-consistent), simply due to the fact that these two "object-consistent" ("mass") and "inconsistent" ("time") UCP's computations represent "complimentary" aspects of the same object's consistency, e.g., alike measuring the "complimentary" properties of a glass filled with a certain portion of water: if we increase that cup's ("half-full") water portion – we necessarily decrease its "half-empty" portion (and vice versa)! In the same manner, once we realize that the UCP's singular-integrated computation of any given object's "object-consistent" "mass" value, we necessarily decrease it's "object-inconsistent": "time" value – hence "G-d's Physics" New Twenty-first Century Paradigm's elegant explanation of Relativity's discovered "dilation of time" for "massive" objects; and likewise for high-energy relativistic objects (which as shown above, is simply derived from the close "interrelationship" between an object's "frame-inconsistent" ("energy") UCP's computation and its integrated computation of that object's "object-consistent" ("mass") value!

In fact, we surprisingly find that this New "G-d's Physics" Paradigm likewise offers a new simple (and elegant) explanation that fully integrates Heisenberg's "Uncertainty-Principle's" "complimentary-pairs" of "space" ("frame-consistent") and "energy"

("frame-inconsistent"), or "mass" ("object-consistent") and "time" ("object-inconsistent") values – as constrained by Planck's constant! This is because, unlike the "Material-Causal" assumption underlying "Heisenberg's Uncertainty Principle's" Quantum Mechanical explanation for the apparent "inter-dependency" between the subatomic measurement of any given "target" element – e.g., of its "time" and "mass" value, or between its "space" and "energy" values (as mutually constrained by Planck's constant, i.e., where in any increase in the subatomic measurement accuracy level for any one of these "complimentary-pairs" would inevitably lead to a "proportionate" decrease in the subatomic accuracy level of the other pair's component); which explains this "Uncertain Principle's" mutual-accuracy level constraint – as "caused" by the direct physical interaction between the subatomic "probe" element's and its corresponding subatomic "target's" "complimentary-pairs property", so that an increase in the "probe's" accuracy of one of these two complimentary-pairs property (e.g., such as an increased accuracy measurement of the probe's "spatial localization") – would inevitably "cause" a proportionate "decrease" in the corresponding target's complimentary-pair's other property (e.g., the target's "energy" value); Unlike this "Material-Causal" QM's explanation of Heisenberg's "Uncertainty Principle", the New "G-d's Physics" "A-Causal Computation" Paradigm posits that these subatomic "complimentary-pairs" interdependency arises – not as "Caused" by any direct physical interactions between the subatomic "probe" and "target" elements, but rather stems from the singular-integrated computation of the "Universal Computational/Consciousness Principle" (UCP): Specifically, from the "complimentary-exhaustive" computation of the UCP's two (out of three) Computational-Dimensions' " (mentioned above and previously) "Frame" – "consistent" ("space") and "inconsistent" ("energy"), or "Object" – "consistent" ("mass") and "inconsistent" ("time") computational combinations! In other words, in the same manner that when we look at (or even measure) the physical properties of a "half-full", "half-empty" cup of water, we cannot measure at the same time both the 'half-full' and 'half-empty' physical properties of the cup – but rather we can only focus on one of these "complimentary" physical properties; in the same manner, when we "focus" in a photograph – either on a given "object", or on its "setting", but not on both simultaneously (and in fact the greater the "focus" given to that given "object"- the more "diffuse" is the perception of its surrounding "setting!"); Likewise, it is suggested that these UCP's two "exhaustive-computational pairs" of either the object's "Frame"- "consistent" ("space") and "inconsistent" ("energy") computational measures, or of the (object's) "Object" – "consistent" ("mass") and "inconsistent" ("time") computational measures jointly and exhaustively define that object's given physical properties; e.g., so that when we increase our "focus" or "measurement accuracy" of a given subatomic "target's" – say "spatial" ("Frame-consistent") "space" localization measurement, we necessarily decrease that subatomic "target's" "energy" ("Frame-inconsistent") measurement accuracy! Simply because these two Object- "consistent"/"inconsistent" computational measurements "exhaustively" define its "Object" Consistency (e.g., consistent/inconsistent) across a given series of UF's frames! (And likewise, the subatomic target's two "Object-consistent" "mass" and "Object-inconsistent" "time" computational measures exhaustively define its "Object-Consistency" physical properties across a given series of UF's frames!)

Thus, the discovery of "G-d's Physics" New "Universal Computational Formula" brought about an entirely new conception and understanding of the complete unification and integration of the four basic physical properties of "space" ("Frame-consistent") and "energy" ("Frame-inconsistent"), or "mass" ("Object-inconsistent") and "time" ("Object-inconsistent") physical properties; not as existing "separately" or "independently" of each other, yet possessing certain physical "interrelationships"; But, rather as representing "secondary computational" features of the same integrated (singular higher-ordered) UCP which simultaneously computes all of these four possible combinations pertaining to any given object's "Frame" (consistent/inconsistent) or "Object" (consistent/inconsistent) physical features! Indeed, this completely new way of looking at- and understanding- the nature of the physical universe as being continuously computed- "dissolved" re-computed- and evolved- by this singular higher-ordered UCP entirely alters our basic theoretical understanding of the origin- nature- and evolution- of the physical universe... The four basic physical properties of "space" and "energy", "mas" and "time" cease to exist as "independent" physical properties, but are rather seen as integrated "exhaustive-complimentary" computations of the singular (higher-ordered) UCP simultaneous computation of every exhaustive spatial pixel in the entire universe (e.g., at the incredible rate of " $c^2/h$ " – 1.36-50 sec!) Moreover, this new "Universal Computational Formula" (UCF) also portrays the apparently "different" (and even "contradictory") properties of Relativity Theory (RT) and Quantum Mechanics (QM) as representing different aspects of the same integrated (simultaneous) computation of the singular higher-ordered UCP! As indicated above, this is clearly seen in the two Computational Formats" of the same "Universal Computational Formula" (UCF) – in which certain (key) features of both RT – such as the "Energy-Mass Equivalence", and QM's Heisenberg's "Uncertainty Principle's" can be seen as "special" (limiting) cases within the UCF's Relativistic or Quantum Formats! Indeed, alongside the empirical validation of this New "G-d's Physics" 21st Century Paradigm – e.g., based on its unique "Critical Predictions" pertaining to the "Non-Continuous Accelerated Expansion of the Universe" on the Jewish New-Year ("Rosh-Hashana") (due to "G-d's Physics" postulated "Collective Human Consciousness Focus Hypothesis), and its predicted greater number of "Fine-Temporal-Measurements" (FTM) of relatively "more massive" subatomic particles (such as the "Muon") in comparison to the corresponding number of FTM of a relatively "less massive" particle (such as the electron) which would establish this New "G-d's Physics" Paradigm as the New satisfactory 21st Century Paradigm; in parallel to the necessary empirical validation of this New "G-d's Physics" Paradigm – which was called for multiple times but unfortunately experimental physicists have failed to test this unique "Critical Predictions" – as "bold" Edington did 101 years ago, which allowed for Relativity Theory to be "crowned" as the New Paradigm for 20th century Physics (alongside QM at the subatomic level); there would need to be further scientific exploration of this novel discovered "Universal Computational Formula" – in terms of its broader theoretical conceptualization – within which RT's and QM's key "Energy-Mass Equivalence" and QM's Heisenberg's "Uncertainty Principle" exist as "special-cases" (e.g., as clearly envisioned by the great Einstein himself!)

One of the breakthrough discoveries of "G-d's Physics" New Par-

adigm is its "Universal Computational Formula" which completely unifies between the four basic physical features of "space" and "energy", "mass" and "time" – as integral, secondary computational by-products of the singular higher-ordered UCP simultaneous computation of all exhaustive spatial pixels in the universe! Indeed, it is important to note that whereas (General) Relativity Theory integrates between "space" and "time" (as a unitary four dimensional "Space-Time" continuum) and between "energy" and "mass" (e.g., through its famous "Energy-Mass Equivalence" : " $E = Mc^2$ "), as well relates the "curvature of Space-Time" by "massive objects" and conversely describes the "travelling-pathways" of those "massive" and "less-massive" objects based on this assumed curvature of "Space-Time"; still there lacks a complete unification between those four basic physical features comprising the physical universe! Likewise, in Quantum Mechanics, there exist fine interrelationships found between Heisenberg's "Uncertainty Principle's" "complimentary pairs" of "space and energy" or of "mass and time" – e.g., wherein increasing the measurement accuracy of any one of these pairs elements (for instance increasing the measurement accuracy level of the "spatial localization" of any given subatomic target element proportionally decreases that target's "energy level" measurement accuracy); But, in both Relativistic and Quantum Mechanical Models those four basic physical features of "space", "energy", "mass" and "time" remain conceptually "separate" from each other. In contrast, G-d's Physics New Paradigm completely integrates these apparently "separate" physical features based on the singularity of the UCP's simultaneous computation of them as integral elements within the Universal Computational/Consciousness Principle's computation of the degree of "Consistency" (consistent/inconsistent) of each exhaustive spatial pixel in the universe – pertaining to its "Framework" (e.g., relative to the entire "frame" or just to an "object's" internal constitution); Indeed, the newly discovered "Universal Computational Formula" completely integrates these four basic physical features of the physical universe – as the UCP's incredibly rapid (" $c^2/h$ " =  $1.36^{50}$  sec!) computation of each exhaustive spatial pixels' degree of "Frame" – "consistent" (space) or "inconsistent" ("energy") level!

What's critical to note (at this point) is that these four basic physical features of the physical universe cease to exist as "separate" or "independent" material entities – from the standpoint of this UCP's singular higher-ordered (completely integrated) computation of the degree of consistency or inconsistency pertaining to each exhaustive spatial pixel's "frame" or "object" values (e.g., across a series of consecutive UF's frames)! Thus, for instance, G-d's Physics New Paradigm teaches us that the famous Relativistic "Energy-Mass Equivalence" arises not from the transformation of certain mass related physical properties (such as particular "radioactive" features of certain elements) into proportional energy emission levels – but rather from the UCP's singular (simultaneous) computation of any given object's "frame-inconsistent" values which also necessarily corresponds to that object's UCP computed "object-consistent" ("mass") values! In other words, the real "reason" for the existence of Relativity's discovered "Energy-Mass Equivalence" arises from the UCP's integral simultaneous computation of any given object's "mass" properties, e.g., its "object-consistent" value and that object's "frame-inconsistent" values; since the greater that object's "displacement-value" (ener-

gy computed level) across a given series of UF's frames, necessarily the greater also is its "object-consistent" "mass" computed value (due to the UCP intrinsic computational constraint set upon the maximal degree of "displacement" possible for any object across a series of consecutive UF's frames, as described previously!); Similarly, Relativity's curvature of "Space-Time" by "massive objects" is not "caused" by any direct physical interaction between such "massive objects" and the fabric of "Space-Time" – since as explained above (and previously) there cannot exist any such direct (or even indirect) physical interactions between any two (or more) exhaustive spatial pixels existing either in the same- or different- UF's frames! Instead, according to the UCP's novel Universal Computational Formula complete integration of those four basic physical features of "space" and "energy", "mass" and "time" the apparent "curvature" of "Space-Time" arises from the UCP's "differential" computation of regions in which there are "massive objects" which therefore appear in most (if not all) consecutive UF's frames – as opposed to "less massive" objects that appear in only some of those consecutive UF's frames, therefore leading to those "less massive" objects not occupying the adjacent regions to those "massive objects", i.e., "consistently" across a series of subsequent UF's frames! As explained and delineated previously this leads to what appears as the "curvature of Space-Time" around "massive objects"?!

In fact, the discovery of this new "Universal Computational Formula" fully integrates between those four basic physical features in such a manner that it is no longer possible to differentiate them from the singular integrated and complimentary simultaneous computation of the UCP – of every exhaustive spatial pixels in the universe for each consecutive UF's frame! This is because even the very computational definitions of each of these four basic physical secondary computational by-products (e.g., features) of this singular higher-ordered UCP reveals to us that they merely represent complimentary (integrated) facets of the UCP's singular higher-ordered computation of the degree of "consistency" or "inconsistency" – in any given "object" (e.g., "mass" or "time") or relative to the entire "frame" (i.e., "space" or "energy"), see below computational definitions of each of these four basic physical features computed simultaneously by the UCP for each exhaustive spatial pixel comprising any single (or multiple) consecutive UF's frame/s!

We thus reach the inevitable conclusion that "G-d's Physics" New Paradigm's discovery of the "Universal Computational Formula's" complete integration of the four basic physical features of "space" and "energy", "mass" and "time" as secondary (integrated) computational by-products of the UCP's singular higher-ordered computation of any exhaustive spatial pixel's "frame" – "consistent" ("space") or "inconsistent" ("energy"), or "object" – "consistent" ("mass") or "inconsistent" ("time") values offers an entirely new broader (exciting) theoretical framework pertaining to our basic understanding of the physical universe than the Old "Material-Causal" Paradigm of Relativity Theory (RT) and Quantum Mechanics (QM); As a matter of fact, these two RT & QM "pillars" of the Old Material-Causal Paradigm have been shown to comprise "special-cases" within this newly discovered "G-d's Physics" "Universal Computational Formula" (UCF):



As can be glanced from the two respective Relativistic and Quantum Formats of this novel UCF, certain key elements within RT such as its "Energy-Mass Equivalence" ( $E = Mc^2$ ) and Quantum's "Uncertainty Principle's" "complimentary pairs" appear as particular elements within the UCF's more generalized and comprehensive formula! Indeed, this new UCF completely integrates – not only those four basic physical features of space, energy, mass and time as secondary integrative computational by-products of the UCP's singular (simultaneous) computation of all exhaustive spatial pixels in the universe; but also completely integrates and unifies between RT & QM as integral "special-cases" within the UCP's exhaustive description of the UCP's simultaneous computation of all exhaustive spatial pixels in the universe at the incredible rate of " $c^2/h = 1.36^{-50}$  sec"! It was thus shown in what manner does the UCP's UCF's computation integrates between its "relativistic" computation of "single spatial-temporal particle" features together with QM's computation of "multi spatial-temporal wave" characteristics – as embedded within "G-d's Physics" exhaustive UCP's (simultaneous) computation of all exhaustive spatial pixels in the universe embedded within each consecutive UF's frame/s (at the unfathomable rapid rate of " $c^2/h = 1.36^{-50}$  sec"! mentioned above)! In fact, some of the potentially far reaching theoretical ramifications of this new "G-d's Physics" Paradigm are its alternative theoretical explanations of General Relativity's assumed "curvature of Space-Time by massive objects" – and its associated newly discovered unique capacity to completely unify between the four fundamental forces in Nature!

As hinted above (and delineated previously), according to the New "G-d's Physics" Paradigm, the curvature of "Space-Time" cannot be "caused" by the presence of certain "massive objects"! This is simply because since all exhaustive spatial pixels comprising the entire physical universe are being computed simultaneously by this singular higher-ordered UCP (for each consecutive UF's frame/s) there cannot exist any such "Material-Causal" physical relationships between any two (or more) exhaustive spatial pixels existing in the same UF frame – including obviously between any "massive object/s" and the fabric of "Space-Time"! And since according to the New "G-d's Physics" Paradigm the whole entire physical universe "dissolves" "in-between" any two consecutive UF's frames there cannot also be in "transference" of any "physical effect" (or any "material entity") across any two consecutive UF's frame/s! Instead, according to the New "G-d's Physics" Paradigm, the apparent "curvature" of "Space-Time" is only produced through the UCP's Universal Computational Formula's production of a series of consecutive UF's frames – based on the more "consistent" presentations of relatively more "massive" objects then "less-massive" objects across a given series of UF's frames, which therefore gives the "impression" or "appearance" of relatively more "stable" ("consistent") regions in the series of UF's frames – as opposed to the relatively "less massive" objects which do not occupy such "stable" ("consistent") points allocated across the series of UF's frames, thereby giving rise to the appearance of an apparent "curvature of Space-Time around massive objects"... More fundamentally (and generally), the "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" Paradigm brings about a basic change in Physics' most basic assumptions: instead of the Old "Material-Causal" basic assumption wherein it is assumed that any material-physical (relativistic or quantum) phenomenon can be explained merely in

terms of certain direct (or indirect) "material-causal" physical interactions – the New "G-d's Physics" Paradigm teaches us to abandon this "material-causal" assumption in favor of the singular higher-ordered UCP simultaneous computation of every exhaustive spatial pixel in the universe comprising the extremely rapid series of UF's frames! This basic "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm towards the New "G-d's Physics" Paradigm's discovery of the singular higher-ordered UCP's simultaneous computation of every exhaustive spatial pixels comprising the entire physical universe (for each consecutive UF's frame/s) was indeed already shown to revise some of our most basic ("material-causal" assumptions) of 20th Century Theoretical Physics: Hence, "G-d's Physics" New Paradigm was shown to negate the "Big-Bang" Model, Einstein's Equations' "material-causal" assumption regarding the "curvature of Space-Time as caused by the presence of massive objects", Quantum Mechanics' "material-causal" assumption regarding the subatomic particle's "collapse of the probability wave-function" as "caused" by its direct physical interaction with a corresponding subatomic probe element; discarded the very existence of "dark-matter" and "dark-energy" purely hypothetical concepts – as "superfluous" (i.e., non-existent) due to the empirical inability to detect it coupled with its basic "material-causal" assumption assuming that it is the direct physical interaction between these purely hypothetical "dark-matter" and "dark-energy" concepts that "causes" the accelerated expansion of particular galaxies and the universe (more generally)! Indeed, the basic theoretical breakthrough discovered by "G-d's Physics" New Paradigm is that all of these Relativistic or Quantum Mechanical phenomenon can be explained based on such a "G-d's Physics" newly discovered singular higher-ordered UCP's simultaneous computation of every exhaustive spatial pixel comprising the entire physical universe (at each consecutive UF's frame/s at the incredible rate of " $c^2/h = 1.36^{-50}$  sec!")

The universe was not created by an initial "Big-Bang" nuclear event because that would imply that at those "first", "second", "third", etc. UF's frames there existed a direct physical interaction between certain exhaustive spatial pixels comprising those "i...n" frames which "expanded" the evolving universe and created further "suns", galaxies, matter and energy etc. which is negated by "G-d's Physics" discovery of the simultaneous computation of each of the universe's exhaustive spatial pixels for each consecutive UF's frame/s and its complete "dissolution" back into the singularity of the UCP "in between" any two consecutive UF's frames! Likewise, the New "G-d's Physics" Paradigm negates the very possibility of the "collapse" of the target's assumed "probability wave function as "caused" by its direct physical interaction with another corresponding subatomic "probe" particle once again because there cannot exist any such direct physical interaction between any two exhaustive spatial pixels existing in any single (or multiple) UF's frames. For the same reason, "G-d's Physics" New 21st Century Paradigm negates General Relativity's Einstein's Equations' assumed "curvature of Space-Time" as "caused" by the presence of certain "massive objects" (or the converse "material-causal" assumption encapsulated in those Einstein's Equations indicating that it is this "curvature of Space-Time by massive objects" which "causes" or determines the travelling-pathways of those and other less massive objects) – due to the UCP's simultaneous computation of every exhaustive spatial pixel comprising the entire physical universe for each consecutive UF's frame/s and

the complete "dissolution" of the physical universe "in-between" any two such consecutive UF's frames which negates the possibility of any such "material-causal" physical interactions!

Instead, the manner in which the New "G-d's Physics" Paradigm offers an alternative theoretical explanation for all of those Relativistic or Quantum phenomena is solely based on the newly discovered "Universal Computational Formula" (UCF, above mentioned) which simultaneously computes the four basic physical features of "space" and "energy", "mass" and "time" of each exhaustive spatial pixel/c comprising the entire physical universe (of each consecutive UF's frame/s) – as secondary computational by-products of the UCP's singular computation! This also means that the four basic forces of Nature – i.e., the Weak and Strong Forces, and the Electromagnetic Force and the Gravitational Force are all solely derived and produced by this singular higher-ordered UCP's UCF description of the UCP's simultaneous computation of each of the universe's exhaustive spatial pixels four basic physical features of "space" and "energy", "mass" and "time" – as "frame's" or "object's" – "consistent" or "inconsistent" computations! This is where we have to closely analyze and realize "G-d's Physics" UCP's new computational definitions of each of these Four Forces – which solely relies upon the singular higher-ordered UCP's computation of the various forms of "energy", i.e., including any of these three "Weak", "Strong" and "Electromagnetic" Forces, and of "mass" – e.g., which gives rise to what appears as the "Gravitational" Force, as manifesting through the UCP's (above-mentioned) "Universal Computational Formula"! As noted above (and previously), the UCP's computation of any type of "energy" is computed by this singular higher-ordered UCP as the degree of "displacement" of any (relativistic or quantum) object relative the coordinates of the entire Universal Frame/s across a series of UF's frames; this means that the "root" for all three "Strong, Weak and Electromagnetic Forces is the UCP's computation of their degree of "displacement" across a given series of UF's frames! Moreover, based on the complete integration of those four basic physical features comprising any exhaustive spatial pixel in the universe through the UCP's Universal Computational Formula (UCF), therefore the entire array of subatomic particles described by the Standard Model – amongst which those Three Nuclear Forces operate are exhaustively described by the UCP's UCF! Indeed, the multifarious different levels of electromagnetic charge, mass, energy values etc. of each of these particular Standard Model particles and components manifests as one of the specific configurations and relationships described by the UCP's newly discovered UCF! In other words, the Three Strong, Weak, Electromagnetic Forces describe different levels and configurations of the UCP's singular higher-ordered UCP's computation of the degree of any given particle (object) displacement across a given series of UF's frames! In that sense, there is no real "difference" between the UCP's computation of the degree of "displacement" of the Strong, Weak or Electromagnetic Forces operating within the nucleus or between the nucleus and its surrounding particles or between particles and other elements; In fact, the whole theoretical conceptualization of the very computational definitions of each of these multifarious Standard Model particles – including their mass, energy, localization and temporal values is viewed (for the first time) as one singular fully integrated computation by the UCP, rather than existing as "separate" and "independent" particles operating by different (Three) Strong, Weak or Electromagnetic Forces...

No longer are the various Standard Model particles viewed as "independent" entities, nor do the Three Forces operating between them or uniting them seem as "separate" or "independent"; rather, the New "G-d's Physics" Paradigm's discovery of the singular higher ordered Universal Computational Formula completely unifies all of these apparently different subatomic particles and the Three Forces governing them as manifestations of different possible relationships described by this singular higher-ordered UCP UCF!

Indeed, it is suggested that just as the discovery of the "Periodic Table" provided a "blue-print" for the basic constitution of all possible chemical elements in Nature, just as Watson, & Crick discovery of the basic constituent elements of the DNA gave Science its basic understanding of the basic "building-blocks" of all Genetic-Biological organisms (and functions); so does "G-d's Physics" 21st Century Physics Paradigm's discovery of the new "Universal Computational Formula" (UCF) provides Theoretical Physics (and Science more generally) the basic understanding of all of Nature's basic (possible) plethora of subatomic particles and Four basic Forces, i.e., the Strong & Weak Forces, the Electromagnetic Force and the Gravitational Force! It is suggested that by using this newly discovered UCF we can find and identify all of the known "Standard Model" particles – and potentially additional yet undiscovered basic subatomic particles, e.g., based upon the precise interrelationships between any given particle's mass energy spatial and temporal values! This new UCF also integrates and unifies between the Three (Strong, Weak and Electromagnetic) Nuclear Forces (of the Standard Model and Quantum Mechanics) and the Gravitational Force (of General Relativity Theory) – simply because the Gravitational Force, alike these other Three Forces is computed by the singular higher-ordered UCF! As noted above, "G-d's Physics" New Paradigm offers a completely new and different theoretical account for General Relativity's "Gravitational Force", as well as for the Three Nuclear Forces, e.g., as stemming from the UCP's UCF computation of the four integrated and complimentary physical features of "space", "energy", "mass" and "time" – not as being "caused" by certain "massive objects" "curving" "Space-Time", but rather as being produced by the UCP's simultaneous computation of all exhaustive spatial pixels comprising the entire physical universe; Specifically, what "appears" as General Relativity's "Gravitational Force" is the result of the UCP's computation of certain "regions" of each consecutive UF's frame/s to be comprised of "high-mass" regions which are therefore computed as "spatially-consistent" regions which remain relatively "constant" across a given series of UF's frames, as opposed to other regions constituting these series of UF's frames which may be defined as constituting "low-mass" regions which therefore do not appear "spatially-consistent" across a series of UF's frames! This according to "G-d's Physics" New Paradigm creates an appearance of the "curvature" of "Space-Time" around certain "massive objects"?! In much the same manner, "G-d's Physics" New Paradigm also offers an alternative new theoretical account for these "Three Forces" – not as being "caused" by any direct (or indirect) physical interactions between any of the "Standard Model" list of existing particles, but rather as being produced by the UCP's simultaneous computation of all exhaustive spatial pixels in the universe (for each consecutive UF's frame/s), thereby producing these "apparent" subatomic particle's associated "Three Forces"!!?

It is perhaps important to highlight the unique new (expansive, higher-ordered) perspective offered by "G-d's Physics" New 21st Century Paradigm – shedding a complete new light upon the complete unification of the Four basic Forces based on the operation of the singular, higher-ordered UCP; First, as we've already seen, 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 discovery of "G-d's Physics" New "A-Causal Computation" Paradigm – then this principally negates the very possibility of the existence of 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! This implies that there cannot exist any "material-causal" physical interaction/s between any of the subatomic elementary particles that are currently assumed to "transfer" the effects of Three (out of four) Forces – the Weak, Strong and Electromagnetic! As noted previously, this principle negation of the existence of any direct (or indirect) "material-causal" physical interaction/s between any two or more particle/s (or exhaustive spatial pixels) is most apparent when we take into consideration the complete "dissolution" of the entire physical universe (e.g., and all of its exhaustive spatial pixels and subatomic particles) "in-between" any two consecutive UF's frame/s – which negates the very possibility of the existence of any such physical interactions or effects transferred across any two consecutive or non-consecutive UF's frames! Hence, the basic "material-causal" assumption underlying Relativity's explanation of the curvature of Space-Time as "caused" by its direct physical interaction with certain "massive objects" (as evinced in Einstein's Equations), as well as underlying the current "material-causal" Quantum, Standard Model explanation of the other (three) Forces – Strong, Weak and Electromagnetic as being "carried by" certain elementary particles being transferred between particles is strictly negated by the New "G-d's Physics A-Causal Computation" Paradigm! Instead, based on "G-d's Physics" New Paradigm's discovery (and description) of the manner in which the singular higher-ordered UCP simultaneously computes all exhaustive spatial pixels comprising the entire physical universe (for each consecutive UF's frame/s) – e.g., through the UCP's "Universal Computational Formula" (and based on the UCP's new computational definitions of the four basic physical features of "space" and "energy", "mass" and "time" associated with two of its Computational Dimensions) offers an entirely new (and fascinating) way of viewing each of these Four Forces as arising from simultaneous and integrated computation of this singular higher-ordered UCP!

In other words, the manner in which "G-d's Physics" New Paradigm unifies between the "Three Forces" and the "Gravitational Force" is based on its discovery of the singular higher-ordered UCP's simultaneous computation of all of the physical universe's exhaustive spatial pixels based on its unitary "Universal Computational Formula" (UCP) which completely unified between the four basic physical features of "space" and "energy", "mass" and "time"; According to this New "G-d's Physics" Paradigm theoretical framework, both the "Gravitational Force" and the "Three (other) Forces" represent "apparent, phenomenal and transient Forces" which are computed together by the UCP's UCF for each of the universe's consecutive UF's frames based on the UCP's Universal Computational Formula!

## 6. G-d's Physics New "Expansive-Unifying" Science:

We must realize (at this point) that the New "G-d's Physics" Paradigm not only is capable of unifying between Relativity Theory (RT) and Quantum Mechanics (QM) and also explain all of the unexplained physical phenomenon which could not be explained by the Old "Material-Causal" Paradigm underlying both of these RT & QM Models – including offering an alternative theoretical explanation for "dark-matter" and "dark-energy" assuming to comprise up to 95% of all of the mass and energy in the universe (which could not be detected empirically to date despite numerous attempts to do so...) Perhaps even more significantly, it offers a completely new "Expansive-Unifying" Scientific Theoretical Model of the universe! This is because in contrast to the Old "Material-Causal" Paradigm of 20th Century Physics underlying both RT & QM – which explained any physical phenomenon in the universe as being "caused" by a more basic "reductionistic" direct physical interaction between a given set of relativistic or quantum elements, the New "G-d's Physics" Paradigm of 21st Century Theoretical Physics forces us to expand and unify any such relativistic or quantum phenomenon based on the operation of the singular higher-ordered UCP! Once we realize based on two of the profound new theoretical postulates of this New "G-d's Physics" Paradigm called: the "Computational Invariance Principle" and its associated "Universal Consciousness Reality" – that the entire physical universe only exists as a "transient", "phenomenal" "appearance" of the real underlying "Universal Consciousness Reality" (UCR) 2pixels in the universe (for each consecutive UF's frame/s), as well as exists "alone" without the presence of any physical universe "in-between" any two consecutive UF's Frames; our whole basic understanding and conceptualization of the origin- nature- sustenance- and evolution- of the entire physical universe alters in a very fundamental manner: We realize that all exhaustive spatial pixels comprising the entire physical universe – including all subatomic "particles", as well as all Quantum or Relativistic phenomena and laws, including those Four basic Forces of Nature "dissolve" and "cease to exist" "in-between" any two consecutive UF's frames! We realize that all such exhaustive spatial pixels of the universe and all of their associated manifestations of subatomic "particles", and all of the associated basic physical features of "space", "energy", "mass" and "time" – including the Four Forces of Nature exist only as "phenomenal", "transient" "manifestations" of the singular higher-ordered Universal Consciousness Principle (UCP) which alone exists both during its extremely rapid (e.g.,  $c^2 \cdot h = 1.36^{-50}$  sec') computation of each consecutive UF's frame/s, as well as solely exists "in-between" any two such consecutive UF's frames in which the entire physical universe "dissolves" back into the singularity of this UCP!

Indeed, those two (far reaching) theoretical postulates of the "Computational Invariance Principle" and its associated "Universal Consciousness Reality" assert that since only this UCP exists constantly (and uniformly) both "during" its extremely rapid production of the series of UF's frames – e.g., computing simultaneously all exhaustive spatial pixels' four basic physical features (of "space" and "energy", "mass" and "time") and solely exists "in-between" any two consecutive UF's frames, whereas all exhaustive spatial pixels comprising the entire physical universe (i.e., including all of their four basic physical features of "space", "energy", "mass" and "time" and all of their associated subatomic "particles", "wave", etc. and also the Four basic Forces) exist



only "during" each consecutive UF's frame/s but "dissolve" back into the singularity of this singular higher-ordered UCP; therefore, only this singular UCP may be regarded as "real" ("computationally-invariant"), whereas all exhaustive spatial pixels comprising the entire physical universe (and their four basic associated physical features) may only be regarded as "transient", "phenomenal" "manifestations" of this singular higher-ordered unitary Universal Consciousness Reality, which exists constantly and continuously both during its manifestation as the physical universe's exhaustive spatial pixels as well as existing solely and singularly "in-between" any two consecutive UF's frames! Therefore, the new discovery of the "G-d's Physics" New Paradigm is that the entire physical universe – including its four basic Forces and all of its comprising Quantum and Relativistic phenomena and laws exist only as manifestations of this singular higher-ordered UCR! Hence, "G-d's Physics" New Paradigm's complete unification- not only of RT and QM, of the four basic physical features of "space" and "energy", "mass" and "time" (as indicated in one of the Special Issue's previous articles), but also of the Four basic Forces (Strong, Weak, Electromagnetic and Gravitational) all ensue from its discovery of the ("wondrous") "Universal Computational Formula" (UCF) describing the unfathomable rapid integrated and simultaneous computation of this singular higher-ordered UCP (or UCR) all exhaustive spatial pixels comprising the entire physical universe for each consecutive UF's frame/s!

Not less significant is the amazing theoretical implication of this New "G-d's Physics" discovery of the Universal Computational Formula – is the realization that since there cannot exist any "material-causal" direct physical interactions between any two exhaustive spatial pixels existing either in the same- or different-UF's frame/s, therefore the very existence of these apparent Four basic Forces of Nature merely represent specific UCP computations associated with the Universal Computational Formula, e.g., rather than exist as an "objective-material" reality (since, as noted above, it completely "dissolves" in-between any two consecutive UF's frames!); and as a matter of fact its existence may only be accounted for through the UCR's own intrinsic propensities which include "Ten-Hierarchical Laws of Manifestations" – of which the UCP's UCF represents the "lowest Dimension"! Indeed, the real significance of this New "G-d's Physics" Paradigm is its discovery of this singular higher-ordered UCP's intrinsic propensities which include:

**a). The UCP's "Multi Spatial-Temporal Reservoir" & Associated "Dynamic-Equilibrium Moral Principle":** According to this New "G-d's Physics" Paradigm the UCP is also associated with a "Multi Spatial-Temporal Reservoir" which contains all "past", "present" and multiple possible "future/s" for each Individual Human Consciousness (human-being) based on his/her "moral-choice/s" at any given moment – based upon which the UCP selects one of multiple possible "future/s"! This is due to the fact that from the singular higher-ordered computational perspective of the UCP all Individual Human Consciousness comprise integral parts of this UCP, and therefore any "immoral-choice" by one (given) Individual Human Consciousness directed towards another Individual Human Consciousness automatically instigates a proportional "reaction" computed by this singular UCP aimed at "balancing" and "correcting" any such "moral imbalance" caused by one Individual Human Consciousness inflicting "pain/suffer-

ing" upon another Individual Human Consciousness. (A "Trampoline Metaphor" was given wherein a "metal-bar" placed upon this Trampoline's "elastic sheath" connecting two points along this sheath – wherein one point "chose" to "inflict-pain" upon the other point and "pushes" this metal-bar against the "other point" (e.g., another Individual Human Consciousness), then this would inevitably "cause" a reaction of the metal-bar to "press back" and inflict a proportional "pain/suffering" upon the first point which chose to inflict "pain/suffering" on the second point!) Hence, according to "G-d's Physics" New Paradigm, the UCP contains the "Dynamic-Equilibrium" Moral Principle's "intrinsic-tendency" to "correct" and "counter-balance" any "immoral-choice" selected by one Individual Human Consciousness against another Individual Human Consciousness – by selecting one of multiple possible UF's contained in the UCP's "Multi Spatial-Temporal Reservoir" for each Individual Human Consciousness based on its "moral choice/s" at any given point in time. (Noteworthy is the fact that according to this new "Dynamic-Equilibrium" Moral Principle, the UCP's selection of one of multiple possible future/s for each Individual Human Consciousness based on its action/s regarding another given Individual Human Consciousness also operates for "positive moral-actions" according to which carrying out of a "good moral choice" by one Individual Human Consciousness towards another Individual Human Consciousness also brings about the UCP's selection of one "positive" future/s from all possible future/s to remunerate that Individual Human Consciousness which chose to carry out a benevolent "good moral action" towards another Individual Human Consciousness...)

**b). The UCP's "Reversed-Time Goal Hypothesis":** According to "G-d's Physics" New 21st Century Paradigm, the UCP's whole computation of the series of UF's frames comprising the evolution of the entire physical universe – is geared towards bringing about an ultimate state of "Moral, Spiritual & Physical Perfection" from its initial UF's frame/s to its latter UF's frames! Indeed, according to this "UCP's Reversed-Time Goal Hypothesis" the entire evolution of the physical universe – i.e., including its evolution of progressive forms of "inanimate" matter, then "animate": "plants" and "animals" leading up to the appearance of Human Beings is all "directed" and computed by the singular higher-ordered UCP from the ultimate "Goal" of complete "Moral, Spiritual and even Physical Perfection" (termed: "Geula" in Jewish Tradition) – "back" towards all of "past" "present" and multiple possible "future/s" UF's that would lead to this ultimate "Geula" Perfected State! This means that rather than the physical universe being "caused" by a random initial "material-causal" "Big-Bang" nuclear event supposed to have created all of the suns, Galaxies, "matter" and "energy" in the universe – which was negated by the New "G-d's Physics" Paradigm's discovery of the simultaneous 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 consecutive UF's frame/s; and contrary to Darwin's "Natural Selection Principle's" assumed "material-causal" evolution of all Biological forms based on a random "material-causal" direct physical interaction/s between an array of given organisms and their environment which "causes" a particular "genetically mutated" organism to "survive" amidst "challenging environmental conditions", thereby selecting that particular ("fittest") organism to "survive" and pass on its genetic information to its descendants; the New 21st century "G-d's Phys-

ics" Paradigm asserts that since the UCP simultaneously computes all exhaustive spatial pixels in the universe for every consecutive UF's frame/s (and completely "dissolves" the entire physical universe back to itself "in-between" any two such consecutive UF's frame/s), therefore there cannot exist any such "material-causal" physical interactions between any given organism/s and its direct environment therefore negating Darwin's "Natural Selection Principle" – instead pointing at the UCP's mentioned "Reversed-Time Goal Hypothesis" describing the whole evolution and computation of the universe based on the UCP's directed ultimate Goal of "Geula" (Perfected Moral, Spiritual and Physical State, previously delineated)! This means that rather than the physical universe evolving "randomly" (and "haphazardly"), in fact the whole evolution, sustenance and even origination of the entire physical universe – is entirely dependent upon the UCP's "driving" the universe towards the manifestation of the "most expansive" form of Human Consciousness (from the "inanimate" material form through animate "plants", "animals" and ultimate Human forms of expansive Consciousness) and ultimately towards the expression and manifestation of the Redemptive "Geula" State in which there will exist a complete Harmony, Peace and Recognition of the singular higher-ordered "Good-Will" (and "Free-Will") UCP which incessantly and continuously creates- dissolves and recreates and evolves every exhaustive spatial pixel in the universe as well as the entirety of the cosmos towards this Perfected "Geula" State!

### c). The UCP's "Collective Human Consciousness Focus Hypothesis at the Jewish "Rosh-Hashana" New Year!

Another (surprising) facet of the New "G-d's Physics" Paradigm's discovery of the UCP's sole continuous (simultaneous) computation of all exhaustive spatial pixels in the universe – is its unique "Critical-Prediction", e.g., differentiating it from the corresponding predictions of the Old "Material-Causal" Paradigm predicting that the accelerated expansion of the physical universe is "Non-Continuous" occurring at the Jewish New Year's ("Rosh-Hashana") – due to another (intrinsic) aspects of the UCP which is called: the "Collective Human Consciousness Focus Hypothesis"; As noted above, we reached the inevitable theoretical conclusion that the entire universe may only be regarded as a "transient", "phenomenal" "manifestation" of the singular higher-ordered UCP! Moreover, we realized that there cannot exist any "real" "material-causal" physical interactions between any two (or more) exhaustive spatial pixels existing either in the same- or other- UF's frame/s due to the simultaneity of the UCP's computation of all exhaustive spatial pixels comprising any single (or multiple) UF's frame/s and the complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's frames) So, we also must reach the inevitable theoretical conclusion wherein the origination- sustenance- "dissolution" and evolution of the whole material universe – including its empirically validated accelerated expansion of the entire physical universe – cannot be the result of any such "material-causal" (direct or even indirect) physical interaction/s between any material entities or any two or more exhaustive spatial pixels, but may only be derived from this singular higher-ordered operation and intrinsic characteristics of this singular higher-ordered UCP! Indeed, as part of the abovementioned (and previously delineated) new "G-d's Physics" Paradigm's discovery of this singular higher-ordered UCP's intrinsic characteristics the UCP's "Non-Continuous Accelerated Expansion of the Universe at the Jewish "Rosh-Hashana" (New Year) uniquely

serves as one of a few Critical Prediction/s differentiating it from the corresponding predictions of the Old "Material-Causal" Model's Relativistic and Quantum Predictions! Simply put, this New "G-d's Physics" "Non-Continuous Accelerated Expansion of the Universe at the Jewish "Rosh-Hashana" Critical Prediction posits that since the singular higher-ordered Universal Computational/ Consciousness Principle (UCP) can be affected by a "Collective Human Consciousness Focus (Hypothesis)"- wherein the collective focus of Millions of Jews at the Jewish Rosh-Hashana upon this singular higher-ordered Universal Consciousness Principle (or Reality) – i.e., "G-d"(!) brings about this "Non-Continuous Accelerated Expansion" of the universe at this "special time interval"!

Alongside this specific "Critical Prediction", "G-d's Physics" New Paradigm called for an urgent empirical validation of at least one more unique "Critical Prediction" that is associated with this New Paradigm (and differentiates it from the predictions of both RT and QM: This relates to the greater number of times that a relatively "more massive" particle (such as the Muon) is predicted to be measured across a series of (minimal) "Fine-Temporal Measurements" (FTM) within an Subatomic Accelerator, relative to the number of corresponding FTM at which a relatively "less-massive" particle such as an electron)! This is due to "G-d's Physics" New Paradigm's novel computational definition of the "mass" of any given particle (or object) as computed by the UCP as the number of "consistent-object" values across a given number of FTM! This implies that a relatively "more massive" Muon particle should be detected or measured across a greater number of UF's frames relative to the number of times that a "less-massive" electron particle would be measured across the same number of FTM within a given Accelerator! Likewise, it was predicted that since the UCP continuously "creates" (computes), "dissolves" "re-computes" (and evolves) every exhaustive spatial pixel in the universe, e.g., through its creation of a series of consecutive UF's frames, therefore another unique (third) "Critical-Prediction" of "G-d's Physics" New Paradigm is that "in-between" any two consecutive UF's frames it will not be possible to measure the existence of any subatomic "particle" (e.g., since the whole entire physical universe "dissolves" in-between" any two consecutive UF's frames) – but that only "during" each of the UCP's extremely rapid ( $c^2/h = 1.36^{50}$  sec') series of UF's frames it may be possible the existence of any given subatomic particle/s!

Indeed, Twenty-first Century Theoretical Physics (and Science, more generally) reaches an entirely new theoretical understanding of the origin- sustenance- dynamics and evolution- of the entire physical universe based on the discovery and necessary empirical validation of the New "G-d's Physics" (CUFT) Paradigm: The universe was not created by an initial "Big-Bang" nuclear event, nor does it evolve through the direct physical interactions of "massive objects" and their assumed "curvature of Space-Time"; nor is the universe's accelerated expansion "caused" by any (non-existent) "dark-matter" or "dark-energy" – but rather is brought about by the singular higher-ordered UCP's operation which (as we've seen) is also associated with the "Collective Human Consciousness" at the Jewish "Rosh-Hashana" special "time-interval"! This entirely new theoretical understanding of "G-d's Physics" Paradigm views the origin- "dissolution" sustenance- and evolution- of every exhaustive spatial pixel in the universe (as well as of

the whole universe) as solely determined by the operation of the singular higher-ordered Universal Computational/Consciousness Principle (or Reality) which computes and sustains the universe at the incredible rate of  $c^2/h = 1.36^{-50} \text{ sec}(!)$ , wherein "in-between" any two such consecutive UF's frames the entire physical universe "dissolves" back into the singularity of this UCP! Therefore, the new "G-d's Physics" theoretical understanding is that every exhaustive spatial pixel in the universe (and the entirety of the universe) exists only as a "transient", "phenomenal" "manifestation" of this singular higher-ordered "Universal Consciousness Reality" (UCR) which solely exists both "during" its simultaneous computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s and also singularly exists "in-between" any two consecutive UF's frames (without the presence of any physical universe)! Indeed, since the whole origin- sustenance- evolution- and basic nature of the entire physical universe (including all of its exhaustive spatial pixels) is that it only exists as such a "transient", "phenomenal" "manifestation" of the singularly existing "Universal Consciousness Reality" – therefore, the existence of all of the subatomic particles and their Three (e.g., out of Four) corresponding basic Nuclear Forces (Strong, Weak & Electromagnetic) may also only be regarded as existing "transiently" and "phenomenally", i.e., existing only "during" each consecutive UF's frame's (and being computed and "sustained" by the singular UCP) as a manifestation of the singular UCR! Moreover, since we've already seen in this article that the UCP's sole and singular computation of the entire array of all existing subatomic particles is carried out through the UCP's (newly discovered) "Universal Computational Formula" (UCP) therefore also it was evinced that the UCP's computation of the Four basic Forces are all derived from this singular higher-ordered UCP's computation of the four basic physical features of "space", "time", "energy" and "mass" for all exhaustive spatial pixels comprising the entire physical universe for each consecutive UF's frame/s!

Perhaps most significantly, the discovery of the New 21st Century's "G-d's Physics" Paradigm brings about a fundamental theoretical conceptual "metamorphosis" – wherein no longer Theoretical Physics (and Science, more generally) seeks to explain any Relativistic or Subatomic (Quantum) phenomenon, entity or force – based on any "material-causal" (direct or indirect) physical interactions between any material or physical entities; but rather acknowledges that the Four basic Forces of Nature and all of its existing array of subatomic particles, the entire origin- sustenance, "dissolution" and re-computation and evolution of the entire physical universe may only be explained based on the discovery of the UCP's intrinsic characteristics and features such as its basic "Dynamic-Equilibrium Moral Principle" – which selects one of multiple possible "future/s" for each Individual Human Being based on his/her moral choice/s at any given point in time! And the UCP's "Reversed-Time Goal Hypothesis" wherein the entire origination sustenance and evolution of the physical cosmos is all "directed" and "computed" by this singular higher-ordered Universal Computational/Consciousness Principle's (UCP) ultimate goal of producing a "Perfect World" – Morally, Spiritually and Physically in which the most expansive form of Consciousness existent, e.g., of Human Beings will acknowledge and appreciate the singular existence of this UCP (termed: "Geula"). Twenty-first Century Physics (and Science) has therefore entered an entirely new and (fascinating) era in which it acknowledges the singular,

existence and operation of a "Good-Will" and "Free-Will" Universal Consciousness Reality which drives the entire origination- sustenance- and evolution into this ultimate "Geula" Perfected World, e.g., from its inception onwards through its progressively refined and more expansive manifestations of inanimate, animate: plants, animals and Human Beings – up until its ultimate "redemptive" "Geula" State World...

### 7). "G-d's Physics" New The "Geulah", "Moral/Conscious-Evolution", "Consistency" Ten Hierarchical Computational Dimensions' Universal Computational Formula" (G, MCE, C) THD-UCF):

Hence, "G-d's Physics" newly discovered "Universal Computational/Consciousness Principle" (UCP) is shown to solely compute each of those Inductive Science's Relativistic and Quantum Physical Systems, as well as the entire Deductive "Logical-Mathematical" Science! Specifically, we also find that it seems there exists an intriguing similarity between the UCP's "Consistency" computation – pertaining to its two (out of three) "Computational-Dimensions", e.g., of "Framework" (frame/object) and "Consistency" (consistent/inconsistent), which give rise to the four basic physical features of "space" and "energy", "mass" and "time" (simultaneously for all exhaustive spatial pixels in the universe for each consecutive UF's frame/s); and its newly discovered "Consistency" computation for any hypothetical Deductive "Logical-Mathematical" System: This is because, as we've seen based on "G-d's Physics" CDP analysis of "Gödel's Incompleteness Theorem" – and in fact pertaining to any other hypothetical Deductive SRCS Computational System, that these Deductive "SRCS/SRNCS" Computational Systems inevitable ensuing "logical-inconsistency" and "computational-indeterminacy", which is contradicted by the capacity of such "Logical-Mathematical" Systems to output specific "y" (value) or "Not y" (value) points at the existence of this singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which is solely capable of computing (simultaneously) any such given "Logical-Mathematical" System and its associated "Consistency" (consistent/inconsistent) vale! Noteworthy is the realization that since the CDP's inference that there exists a singular higher-ordered UCP that is capable of computing any such Deductive "Logical-Mathematical" System – stems from the proven empirical capacity of any "Mathematician" or any "Physical Computing System" to compute and determine the exact "y" (or "Not y") value; therefore we must realize that all Logical-Mathematical Deductive Computing is contingent upon the UCP's simultaneous computation of all exhaustive spatial pixels comprising the entire physical universe – for each consecutive UF's frame/s! In other words, we come to the inevitable conclusion wherein it is the singularity of this higher-ordered UCP's simultaneous computation of all exhaustive spatial pixels comprising every consecutive UF's frame/s that in fact enables- and executes- any such Logical-Mathematical "Consistency" computation determining the "consistency" or "inconsistency" of any given (hypothetical) "Logical-Mathematical" System!

We therefore see that at the basis of the physical universe's existence- origination- "dissolution" (e.g., "in-between" any two consecutive UF's frame/s), sustenance- and evolution- as well as at the basic of any hypothetical "Logical-Mathematical" System stands the same singular higher-ordered UCP's Computation – i.e., with a



particular emphasis upon its "Consistency" Computation: as pertaining to different aspects such as the UCP's Physical Computation of two (out of three) "Computational Dimensions" of "Framework": of "Frame-consistent" ("space") or "Frame-inconsistent" ("energy"), or of "Object-consistent" ("mass") or "Object-inconsistent" ("time") four physical features; or as pertaining to "Logical-Mathematical" System's "consistent" or "inconsistent" values, based on the same singular UCP's "Consistency" computation! In fact, what we find is that since this singular higher-ordered UCP's computation of any such hypothetical "Logical-Mathematical" System entirely depends on the existence of a given Human-Neural or Physical Computational System/s etc. – which in turn is solely created by the UCP's (extremely rapid simultaneous) computation of all exhaustive spatial pixels comprising the series of consecutive UF's frame/s; therefore, we must conclude that, in truth, all Inductive and Deductive Scientific inquiry and computation is underlie by this singular higher-ordered UCP's "Consistency" and "Framework" Computational Dimensions' computation! However, as pointed out above (and previously), based on two other "G-d's Physics" significant "Computational Invariance Principle" and "Consciousness Reality" Theoretical Postulates, which assert that since only this singular higher-ordered UCP exists uniformly, continuously and constantly – both "during" its computation of every 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; whereas the entire physical universe (e.g., and all of its exhaustive spatial pixels) exists only "transiently" and "phenomenally" – "during" each consecutive UF's as solely being computed (simultaneously) solely by this singular higher-ordered UCP, but "ceasing to exist" and "dissolving" back into the singularity of the UCP "in-between" any two consecutive UF's frame/s; therefore these two profound Theoretical Postulates infer that only this singular higher-ordered UCP may be regarded as "computationally-invariant", e.g., existing continuously, uniformly and constantly; whereas the entire physical universe (and all of its constituting exhaustive spatial pixels) may only be regarded as "computationally-variant", e.g., existing only "transiently" and "phenomenally"; and hence that the only "real" reality that truly exists is this singular higher-ordered "Universal Consciousness Reality" (UCR) which exists both "during" its simultaneous computation of all exhaustive spatial pixels comprising every consecutive UF's frame/s, and also solely exists (without the physical universe) "in-between" any two consecutive UF's frame/s – and therefore, that the whole physical universe is nothing but a "transient-phenomenal" manifestation of this singular higher-ordered "Universal Consciousness Reality"!

Moreover, the recent discovery of the UCP's/UCR's associated "Ten Hierarchical Computational Dimensions" indicated that since the entire physical universe "dissolves" – "in-between" any two consecutive UF's frames into the singularity of this UCP/UCR; and since (as outlined above and previously), there cannot exist any (direct or indirect) "material-causal" physical relationships or effects between any two (or more) exhaustive spatial pixels existing either in the same- or different- UF's frame/s; therefore the New "G-d's Physics" Paradigm's UCP's "Ten Hierarchical Computational Dimensions" (THCD) portray an entirely different "picture" of the universe – as solely stemming from these UCP's THCD consequential computation of the series of UF's frames; According to this New "G-d's Physics" Paradigm's new portrayal

of the physical universe, the universe was not created by an initial "Big-Bang" nuclear event, nor can its ongoing physical evolution be explained by Einstein's Equations, nor through their implied (purely hypothetical) "dark-matter" or "dark-energy" concepts – which are all based on the Old "Material-Causal" Paradigm underlying both RT & QM, which are negated based on "G-d's Physics" "A-Causal Computation" Paradigm (e.g., stemming from the UCP's simultaneous computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s); Instead, the sole existence of the physical universe (as stated above) is only as a "transient-phenomenal" manifestation of the sole "Universal Consciousness Reality" (UCR) which exists both "during" its computation of every consecutive UF's frame/s, and also exists solely (without the physical universe) "in-between" any two consecutive UF's frame/s; Moreover, the entire origination- "dissolution"- sustenance- and evolution- of the physical universe is being seen (for the first time in Theoretical Physics) as stemming from these UCP's/UCR's "Ten Hierarchical Computational Dimensions" characterizing this singular and sole "Universal Consciousness Reality" (UCR);

Hence, Science is now entering a completely new understanding of the whole origination- sustenance- dynamics- and "Ultimate Goal" of the physical universe – as solely defined by this singular, higher-ordered "Universal Computational/Consciousness Principle" (UCP), which includes and unifies not only Relativistic and Quantum Models, the four basic physical features of "space", "energy" "mass" and "time", the four basic Forces of Nature (e.g., "weak" and "strong" nuclear forces, electromagnetic and gravitational forces) – but also all Deductive and Inductive Science! This stems from the new crystalized discovery of the manner in which this singular UCP has "pre-planned" the entire origination- and Ultimate "Geulah-Goal" of its origination, and the subsequent (continuous) ongoing creation of every exhaustive spatial pixel in the universe fulfilling this Ultimate "Geulah-Goal" of the UCP!

As described (partially) previously, the UCP's initial "impetus" and "Goal" for creating the entire physical universe is its "Good/Free-Will"/"Geulah-Goal" ("המכה") "wish to create an apparently "separate" and seemingly "independent" physical universe that would eventually and ultimately reach its desired "Ultimate Geulah Perfected State", i.e., Morally, Spiritually and Physically! This "Perfected-Geulah State" of the entire physical universe is characterized by Humanity's (and Science's) recognition of the singular higher-ordered "Universal Consciousness Reality" (UCR or UCP) which exists uniformly, continuously and constantly, e.g., both "during" its computation of every consecutive UF's frame (in which it simultaneously computes every exhaustive spatial pixel's four basic physical features of "space" and "energy", "mass" and "time"), and also solely exists "in-between" any two consecutive UF's frame/s where it exist without the presence of any physical universe!; and specifically, through Humanity's recognition of its "All-Goodness", "Morality" and "Peaceful" characteristics of this singular higher-ordered UCR! We now fully realize that this "initial impetus" is also the "driving force" of the universe's ongoing advancement towards its "Ultimate Perfected Geulah-Goal" – accompanied by two other "Hierarchical Computational Dimensions", i.e., "Conscious-Moral Evolution"/"Wisdom" ("היגיון") and "Consistency-Computation"/"תעוד" which enable- and advance- the universe incessantly towards it "Ultimate Geulah-Goal", e.g.,

as materialized through the other (seven) subsequent "Hierarchical Computational Dimensions", based on the UCP's "Ten-Hierarchical Computational Dimensions – Universal Computational Formula" (THCD-UCF)!

The key important realization of this new discovery made by "G-d's Physics" New 21st century Paradigm is that the entire (continuous) creation (e.g., computation), evolution, and sustenance of every exhaustive spatial pixel in the universe (as well as the whole universe) is the fulfillment of this "Ultimate Geulah-Goal", towards which this singular "Universal Consciousness Reality" is driving the whole universe! And therefore that "fulfillment" of this "pre-planned" and "continuously executed" progression of the universe and Humanity must be explained in terms of each of those "Ten Hierarchical Computational Dimensions" (fully) integrated computation, creation and evolution of the universe! Perhaps the "historic-simile" of "Apollo 13 Mission to the Moon" could be used to elude to this "pre-planned" UCR's driven-direction and execution of this UCR's "driving" of the entire physical universe towards its "Ultimate-Geulah Goal"; In the same manner in which we could explain every "step" in the planning and execution of this remarkable historic achievement of Humanity – as "derived" and "driven" by its "pre-planned" and "executed plan" to place a man on the Moon, we could analyze and explain every detailed component of the universe's current state, "historic- and ongoing- evolution" – as fully explained by the UCR's "pre-planned" and "ongoing execution" of its Ultimate Geulah Goal" State of the universe (and Humanity):

We therefore reach the inevitable conclusion that the universe does not exist as a continuous "consistent-material" entity, but rather that it only exists as a "transient-phenomenal" manifestation of the singular higher-ordered reality of the "Universal Consciousness Reality" (UCR), and that its whole existence is totally dependent upon this UCR's continuous production- "dissolution"-re-production and evolution- of every exhaustive spatial pixel by this singular higher-ordered UCR/UCP! Moreover, based on our new understanding that the continuous computation- "dissolution"- re-computation- and evolution- of every exhaustive spatial pixel in the universe is computed solely based on the UCP's "Ten Hierarchical Computational Dimensions", e.g., "serially-consecutively" as represented in the "Ten Hierarchical Computational Dimensions' UCF" we realize that truly the physical universe exists only as a continuous manifestation of the UCP's "Reversed Time Geula Goal" Computational Dimension – as part of those "Ten Hierarchical Computational Dimensions Universal Computational Formula", as delineated in several previous published articles; When we closely examine these "Ten Hierarchical Computational Dimensions" serial consecutive computation of each consecutive UF's frame/s we begin realizing that the UCP or UCR has a pre-determined Ultimate "Goal" of "Geula" for the creation and evolution of the entire physical universe, e.g., a "Morally, Spiritually and Physically Perfected" "Geulah" State of the world and Humanity in which the singularity of this higher-ordered UCP/UCR will be recognized and realized by Humanity and Science; In fact, that towards the Perfected Geulah State" this singular UCP has created- and pre-planned the whole evolution of the universe i.e., from "inanimate matter" through "animate": plants, animals, human-beings – and up to Humanity's "Perfected-Geula" State in which all human beings will recognize and realize the Oneness,

Unity, Peace and Harmony characterizing this singular higher-ordered UCR, lead a harmonious-moral life and strive to manifest in the world the basic recognition of the Oneness and "inseparability" of all of creation from this singular higher-ordered "Universal Consciousness Reality" (UCR)! Indeed, an examination of the UCP's/UCR's "Ten Hierarchical-Computational Dimensions' Universal Computational Formula" (and associated Figure 1) indicates that at every Trillionth of a Trillionth of a second etc. (e.g.,  $c^2/h = 1.36^{-50}$ ), every exhaustive spatial pixel in the universe is simultaneously being computed by the UCP/UCR serially-consecutively through these Ten Hierarchical Computational Dimensions, such that it becomes clear that the entire continuous computation- "dissolution"- re-computation and evolution of each of these comprising exhaustive spatial pixels (as well as of the whole universe) is solely geared towards "perfecting" the universe towards its "Ultimate Geula State"!

Thus, the initial "starting-point" of the UCP's (extremely rapid) serial-consecutive computation (for every exhaustive spatial pixel at each consecutive UF's frame/s) is the UCP's "Free-Will/Wisdom" ("המכה"/"Chuchma") which signifies its basic "Free-Will/Wisdom" Hierarchical Computational Dimension's wish to create a "universe" which seems "separate" or "independent" of itself; which then leads to the UCP's secondary Hierarchical Computational Dimension of "Computation"/"הניב" ("Binah") which represents the UCP's computation of each exhaustive spatial pixels' Three Computational Dimensions' ("Framework", "Consistency" and "Locus") four basic "physical features" (combinations) of "space" and "energy", "mass" and "time" – allowing the computation, creation and evolution of each exhaustive spatial pixel in the universe; which then leads to the UCP's fourth Hierarchical Computational Dimension of "Reversed-Time Geula Goal", in which the fundamental wish and "Ultimate Goal" of the UCP/UCR is defined – to create and evolve the whole physical universe from its initial "inanimate-matter" manifestation of the UCR through "animate": "plants", "animals", "human-beings" and up to the "Perfected Geula Goal" of Humanity's (and Science's) recognition of the singularity and Oneness/Morality of this singular higher-ordered UCP/UCR!; which then leads to the fourth "Good-Will/Dynamic-Equilibrium"/"דסה" ("Chessed") Hierarchical Computational Dimension: in which the UCP establishes its basic "Good-Will mechanism" of the "Dynamic-Equilibrium Moral Principle" allowing for the "correction" and "learning" of every human-being in terms of its "moral/immoral choice/s" which leads to the UCP's principle selection of a "corresponding-balancing/empowering" single future (out of "multiple possible future/s" for each individual human-being (based on his/her moral/immoral choice/s at each point in time)!; This leads to the UCP's subsequent serial fifth "Multi Spatial-Temporal Reservoir"/"הרובג" Computational Dimension, in which the UCP contains such a "Multi Spatial-Temporal Reservoir" comprising all past- present- and multiple possible "future/s" for each individual human-being based on the potential "moral" or "immoral" actions that each individual human-being makes, and the (preceding) "Dynamic-Equilibrium Moral Principle", which would therefore select for each individual human-being (at any point in time) one of "multiple possible future/s" based on the actual moral/immoral choices that each human-being makes; thereby containing all for each human-being for all "past", "present" and "future" Universal Frames (e.g., from the beginning of the universe until its ultimate "Geula-Goal

Perfected State")! Next, according to the Ten Hierarchical Computational Dimensions serial sequence the next sixth Computational Dimension is the "Collective Human Consciousness Focus" /"תראפת" which postulates that whenever there exists a group of human-beings that focus collectively upon this singular higher-ordered UCP then this brings about a "non-continuous" accelerated expansion of the universe by this singular higher-ordered UCP! Indeed, as mentioned above, one of the unique "Critical Predictions" of the New "G-d's Physics" Paradigm is that if Astronomical Measures will be made of the Universe's Accelerated Rate of Expansion (UARE) – before the upcoming "Rosh-Hashana" (7-8th of Sep., 2021), "during" Rosh-Hashana and after Rosh Hashana (Jewish New Year's two days' time interval), then according to the New "G-d's Physics" Paradigm there will be measured such a "non-continuous" increase in the UARE beginning from the upcoming Rosh-Hashana (7-8th of Sep.) and onwards, relative to the UARE prior to Rosh-Hashana's two days' time interval! This is due to the fact that this Jewish "Rosh-Hashana" (New Year) two days' time interval represents precisely such a "Collective Human Consciousness Focus" in which Millions of Jews (from all over the world) focus singularly on this higher-ordered "Universal Consciousness Reality" (UCR) – thereby postulated to bring about such a "non-continuous" increase in the UARE rate!

Note that whereas this unique "Critical Prediction" of "G-d's Physics" New 21st century Paradigm focuses on those specific two-days' time interval measuring the (precited) "non-continuous" UARE – which are predicted to increase the rate of the accelerated expansion of the universe throughout the subsequent next Jewish Year (e.g., due to the "Collective Human Consciousness Focus"); the appearance of this (sixth) "Collective Human Consciousness Focus" Hierarchical Computational Dimension within the Ten Hierarchical Computational Dimensions' description of the UCP's continuous (extremely rapid, i.e., " $c^2/h = 1.36^{-50}$  sec") indicates that this "Collective Human Consciousness Focus – Universe's Non-Continuous Accelerated Expansion at Jewish 'Rosh-Hashana' (CHCF – UNCAE-JRH) is also executed during every trillionth of a trillionth of a second! This is due to the fact that the initiation of this "Collective Human Consciousness Focus" at the Jewish 'Rosh-Hashana' New Year which brings about a constant "new-increased" UARE for the whole next Jewish Year – implies that it is continuously being enacted by the UCP, e.g., through this (sixth) CHCF – UNCAE-JRH at every trillionth etc. sec!

Next, the UCP's seventh "UCP's Computed Potential Object" ("הצני") represents the UCP's actual computation of the potential "Object" – "consistent" ("mass") and "inconsistent" ("time") values for every exhaustive spatial pixel in the universe, e.g., based on the accumulation of all preceding (higher-ordered) Hierarchical Computational Dimensions; which then leads to the UCP's opening the possibility of any individual human-being choosing to undertake a sincere (UCP's) "Teshuva", i.e., as the famous Jewish Philosopher and Sage, Maimonides defined it: a sincere regret regarding any "immoral action" and conscious resolution not to repeat any such wrongdoing! When chosen (by any individual human-being this allows the UCP to "offset" and "avoid" the preceding "UCP's Computed Potential Object" ("הצני") possibility of a "negative potential future" (for a given individual human being who chose "G-d forbid" to inflict pain/suffering upon another individual human-being, instead computing an alternative "more positive" selection of one of the multiple possible future/s UF's

frame/s for such a "Teshuva-undertaking" individual! The Ninth UCP's Hierarchical Computational Dimension is the "UCP's Actual Computed Object" /"רוסי" (Yessod), which signifies the UCP's actual computation of every exhaustive spatial pixel's "Object" – "consistent" ("mass") and "inconsistent" ("time") values (simultaneously for each consecutive UF frame!) Finally, the Tenth (consuming) "Hierarchical Computational Dimensions' Universal ("תוכלמ") Computational Formula" is executed directly from the UCP's infinitude essence directly (as was the representation of the existence of this infinite UCP/UCR which exists prior to- and completely "transcending"- these Ten Hierarchical Computational Dimensions); because this Tenth (consuming) "Hierarchical Computational Dimensions' Universal ("תוכלמ") Computational Formula" necessitates the infinitely complex simultaneous UCP's computation of the four basic physical features of "space" and "energy", "mass" and "time" for all exhaustive spatial pixels in the universe for each consecutive UF's frame!

Thus, we reach the inevitable conclusion wherein the continuous creation (e.g., computation)- "dissolution"- re-creation- and evolution- of every exhaustive spatial pixel in the universe for each consecutive UF's frame must undergo those UCP's Ten Hierarchical Computational Dimensions which are geared towards the UCP's "evolution" and ultimate fulfillment of it's "Reversed-Time Geula Goal" of reaching a "Morally, Spiritually and even Physically Perfected World"! We begin realizing that "G-d's Physics" two profound (abovementioned) theoretical postulates of the "Computational Invariance Principle" and closely associated "Universal Consciousness Principle/Reality" (UCP/UCR) – which point at the sole and singular existence of the UCP/UCR, as opposed to the only "transient" and "phenomenal" stance of the entire physical universe (and all of its comprising exhaustive spatial pixels), in fact only representing a "transient-phenomenal manifestation" of this singular reality of the UCP/UCR! These "Computational Invariance Principle" and "Universal Consciousness Reality" are now being realized to converge and evolve into the ultimate "Universal Divine Reality" theoretical postulate, i.e., which identifies this singular higher-ordered "Universal Consciousness Reality" as truly comprising a "Universal Divine Reality", i.e., a singular higher-ordered "Universal Consciousness Reality" (UCR) which is characterized by its "Divine Nature": of "All-Goodness", "Free-Choice", the "Dynamic-Equilibrium" Moral Principle, the "Reversed-Time Geulah Goal" postulate, etc. Indeed, the culmination and integration of all of these advanced Theoretical Postulates of the New "G-d's Physics" Paradigm inevitably leads to the realization that the sole existence of the entire physical universe (and all of its constituting relativistic or quantum exhaustive spatial pixels) is only as a "transient" and "phenomenal" manifestation of this singular higher-ordered "Universal Consciousness Reality" – which is now understood to represent a "Universal Divine Reality", characterized by its "Divine properties" of "All-Goodness", "(Dynamic-Equilibrium) Moral Principle", "Reversed-Time Geulah Goal" etc.

In order to fully realize the potential significance of the discovery of this new (profound) "Universal Divine Reality" theoretical postulate of the New "G-d's Physics" (Computational Unified Field Theory, CUFT) Paradigm; lets analyze and examine closely the manner in which this singular higher-ordered "Universal Consciousness Reality" or "Universal Divine Reality" is continuously computing (creating), "dissolving", then re-creating and evolving every exhaustive spatial pixel in the universe at the unfathomable rate of " $c^2/h = 1.36^{-50}$  (sec)" for each consecutive UF's frame/s! Based on the recently discovered "Ten Hierarchical Computational Dimensions Universal Computational Formula" it becomes



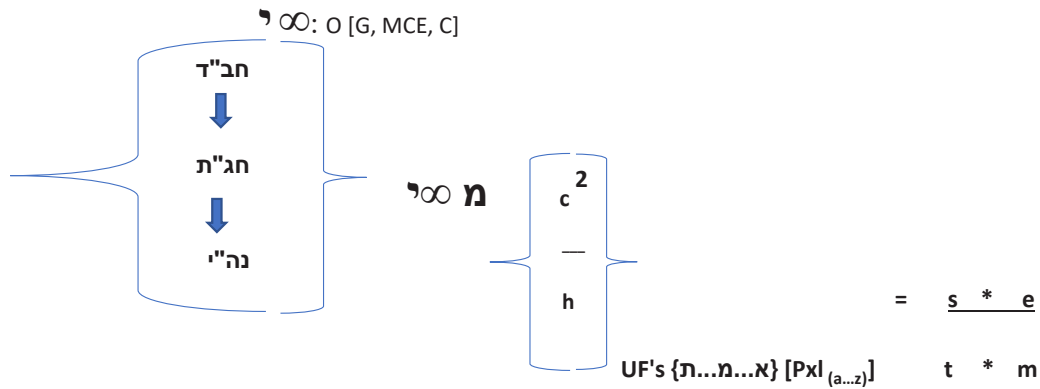
clear that the continuous existence- "dissolution"- re-computation and evolution of the entire physical universe is solely produced and maintained by this singular higher-ordered "Universal Consciousness Reality"; Moreover, when we closely examine these "Ten Hierarchical Computational Dimensions" utilized consequentially by this singular higher-ordered UCP/UCR in order to compute every exhaustive spatial pixel for every consecutive UF's frame/s; and once we realize that these Ten Hierarchical Computational Dimensions are geared and aimed towards the fulfillment of this singular higher-ordered "Universal Consciousness Reality" (UCR) singular "Geulah-Goal" of reaching a "Perfected: Moral, Spiritual and Physical State" in which the "Oneness", "Peace", "Harmony" and "All-Goodness" nature of this singular UCR will be realized by Humanity and in the World; then we begin understanding that truly the entire physical universe only represents an apparent "transient-phenomenal" manifestation of the only real reality of the "Universal Divine Reality", which is no other than the "Universal Consciousness Reality" – but explicitly realizing that it is in fact a "Divine Reality" embedded with all of those "Divine" properties of "Morality", "Peace", "Harmony", "Oneness" and "All-Goodness"...

Hence, we reach "G-d's Physics" New profound insight (and conception) of the UCR's continuous origination- sustenance- and evolution- of the entire physical universe as "driven" primarily by its three initial "Hierarchical Computational Dimensions" of "Free/Good-Will"/"Geulah", , "Geulah-Directed Conscious-Moral Evolution"/"Computation" and "Consistency-Computation"! This signifies a profound new insight into the entire evolution of the universe – e.g., including all of its exhaustive spatial pixels (for every consecutive UF's frame/s) as being continuously originated through the singularity of those higher-ordered UCR's three primary (initial) Hierarchical Computational Dimensions: i.e., "UCP's Free/Good-Will/Geulah Goal"/"Wisdom"; "UCP's Geulah-Directed Conscious-Moral Evolution"/"Computation"; & "UCP's Consistency-Computation"/"Glory", which are all associated with the execution and fulfillment of the UCP's/UCR's singular "Ultimate Geulah Goal" of brining the universe into its Perfected: Moral, Spiritual & Physical State, in which the Oneness, All-Goodness, Morality, Peace & Harmony characterizing this UCR will be recognized (and lived by) Humanity (and Science); Another key discovery made in this article is the fact that the third of those three initial three primary Hierarchical Computational Dimensions, i.e., the "UCP's Consistency-Computation" "UCP's Consistency-Computation"/"Glory" serves as the "gateway" or the central "Consistency Computational Guiding Principle" for the UCP's consecutive processing of the seven subsequent "Hierarchical Computational Dimensions", which also appears in the fully elaborated "Geulah-Moral Evolution-Consistency" (G,ME,C) "Ten Hierarchical Computation Dimensions – Universal Computational Formula" "(G, ME, C): THCD-UCF"; This is because based on the above analysis of this (third) Hierarchical Computation Dimension: UCP's "Consistency Computation" as we've seen, this UCP's fundamental "Consistency Computation" serves as the basis for both the UCP's "Physical Consistency Computation" (e.g., of every exhaustive spatial pixel in the universe based on the two "Consistency" and "Framework" Computational Dimensions – giving rise to the four basic physical features of "space" and "energy", "mass" and "time"); as well as for the UCP's (newly discovered) "Logical-Mathematical Consistency Computation" – underlying all Logical-Mathematical Deductive UCP's computations, thereby unifying both Deductive and Inductive Science, for the first time in Science!

In fact, if we look deeper, it seems that this primary UCP's "Consistency Computation" may in fact serve as the "Central Guiding Principle" (CGP) "stemming", "extending" and "fulfilling" the singular "Universal Consciousness Reality" – which is both the sole reality underlying- and indeed transcending the physical universe, as asserted by the abovementioned "Universal Consciousness Reality" (UCR) theoretical postulate; as well as fulfilling this UCR's (or UCP's) "Ultimate Geulah Goal" for the entire evolution of the physical universe! This is simply because if we fully appreciate the basic "Oneness" and "Singular-Reality" of this "Universal Consciousness Reality" (UCR) as the sole true reality underlying the entire physical universe (as explained above and previously) – which exists both "during" each consecutive UF's frame/s and also solely existing "in-between" any two consecutive UF's frames, thereby being recognized and realized as the only true reality which only manifests "transiently" and "phenomenally" as the physical universe ("during" each consecutive UF's frame/s) but remains without the presence of the physical universe ("in-between" any two consecutive UF's frames); and we appreciate the basic (initial) "Free/Good-Will- Geulah-Goal" of this singular UCR to create an apparently "separate" or "independent" physical universe for the sole purpose of evolving the most "expansive form of Consciousness" of a Human-Being which would realize the "Perfected Geulah Goal"; and the secondary "Computation/Geulah Directed Evolution" Hierarchical Computational Dimension, e.g., which essentially lays out the "blue-print" pre-planned outline for the progression of this UCR's realization of this "Ultimate Geulah-Goal" from "inanimate: matter" through "animate: plants, animals, and human-beings" leading to the Perfected "Geulah State" of Humanity and the whole universe!; This leads to the abovementioned (newly discovered) "Central Guiding Principle" (CGP) of the third "UCP's Consistency Computation" which, for the first time in Physics completely unifies all Inductive and Deductive Sciences based on the UCP's computation of various sorts of "Consistency"; i.e., a) "Physical Consistency" (Framework; Consistency); b) "Deductive Consistency" (Logical-Mathematical System; Consistency); c) "Moral Consistency" ("UCP's Supra Spatial Temporal Reservoir"; "Dynamic-Equilibrium Principle")! Thus, we see that in fact the "Ultimate Geulah Goal" standing at the basis of the UCR's pre-planned conception of the entire evolution of the universe is fulfilled first and foremost by its three initial Hierarchical Computational Dimensions which are continuously executed based on this third "UCP's Consistency Computation" comprising the three various types of Consistency Computation – which in turn are computed consequentially through the seven subsequent Hierarchical Computational Dimensions, as portrayed in the Figure below and the accompanying "Geulah, Moral/Conscious Evolution & Consistency Ten Hierarchical Computational Dimensions' Universal Computational Formula.

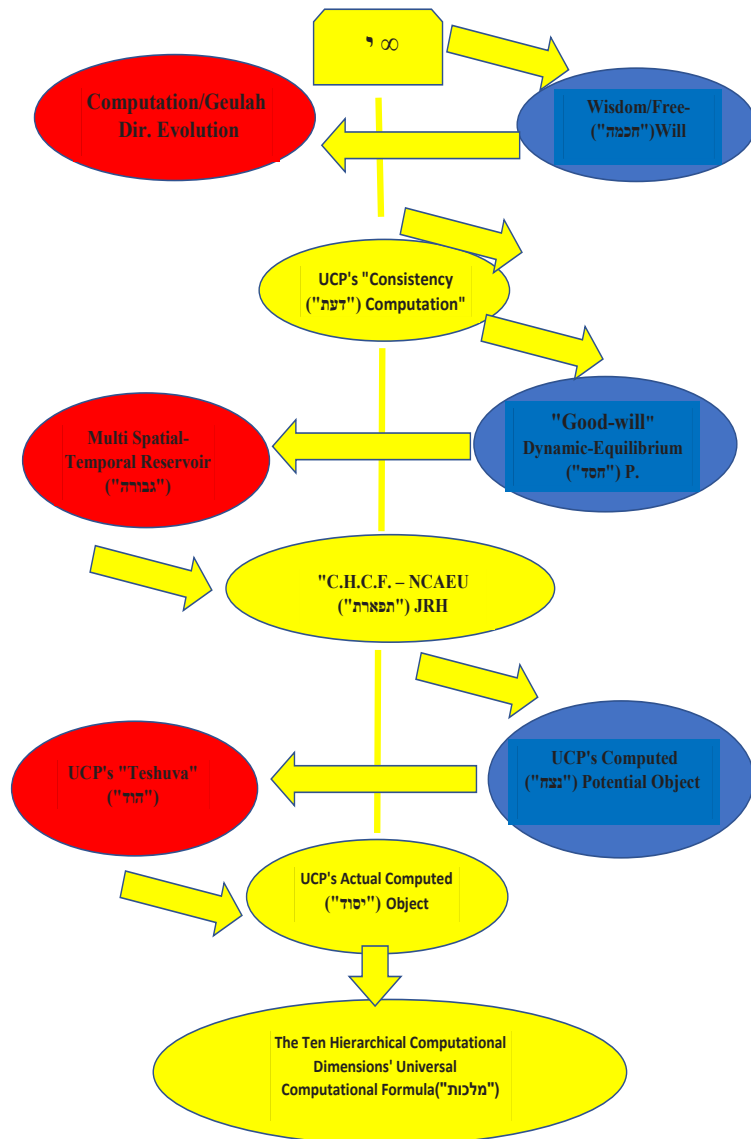
Indeed, this new "breathtaking" wide integrative perspective on the entire origination- sustenance- and evolution- of the entire physical universe based on the singular higher-ordered "Universal Consciousness Reality's" (UCR) "Ultimate Geulah-Goal" to create a "Perfected: Moral, Spiritual and Physical State" in which the singularity of this "Universal Consciousness Reality" (UCR) would be recognized – including its intrinsic "characteristics" of "All-Goodness", "Dynamic-Equilibrium Principle", "Evolution of Conscious-Moral Forms" etc. which was shown (in this article) to also completely integrate all Inductive and Deductive Sciences portrays a new highly "meaningful" and "purposeful" universe in which Humanity and Science may play a major (positive) role, e.g., in advancing itself and the universe towards its (newly discovered) "Perfected Geulah Goal"!

(G, MCE, C) THD-UCF):



**Figure 1:** The "Geulah", "Moral/Conscious-Evolution", "Consistency" Ten Hierarchical Computational Dimensions' Universal Computational Formula"

Note: which is accompanied by "G-d's Physics" (CUFT) computational (previous) definitions of these four basic physical features of "space" and "energy", "mass" and "time" as representing "Frame" – "consistent" ("space") or "inconsistent" ("energy"), or "Object" – "consistent" ("mass") or "inconsistent" ("time") computational properties of the UCP's simultaneous and integrated computation of all exhaustive spatial pixels:



**Figure 2:** The "UCR's Ten Hierarchical Computational Dimensions" Diagram

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