

# G-D's Physics New "Time-Conception": "Basic-Computed" Time, "UNCIARE-JRH MAI's Increased Time", "Global Time" & "DEMP & Geulah-Directed Ordered Time"!

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## Abstract

Twenty-First Century Theoretical Physics is undergoing a major "Paradigmatic-Shift" from the Old "Material-Causal Random" (MCR) Paradigm underlying (Twentieth Century's) General Relativity Theory (GRT) and Quantum Mechanics (QM) to the New Twenty-First Century's "G-D's Physics" Scientific Paradigm, based on direct empirical validations of two (unique) "G-D's Physics" "Critical Predictions" – as more valid than the corresponding predictions of the Old MCR's GRT & QM! Based on one of them, i.e., regarding the "Universe's Non-Continuous Increase in its Accelerated Rate of Expansion" at the "Jewish Rosh-Hashanah" (UNCIARE-JRH) (precise) "Minute Annual Increase" (MAI) of  $0.000968 \text{ km s}^{-1} \text{ Mpc}$  in the rate of the universe's expansion: leads to a BREAKTHROUGH DISCOVERY of "G-D's Physics" NEW CONCEPTION OF TIME!: Four levels of "G-D's Physics" "Universal Computational Principle" (UCP) (continuous) computation of "Time": A. "BASIC COMPUTED TIME". B. "UCP'S UNCIARE-JRH'S MAI'S INCREASED COMPUTED TIME". C. "UCP'S GLOBAL UNIVERSAL TIME". D. UCP'S DYNAMIC-EQUILIBRIUM MORAL PRINCIPLE & GEULAH DIRECTED ORDERED-TIME"! These Four leveled UCP's computations of "Time" completely revolutionize our basic understanding of the entire physical universe – as being continuously "computed"- "dissolved" "re-computed" and "developed" by that singular higher-ordered UCP (at the incredible rate of " $c^2/h = 1.36^{-50} \text{ sec}^{-1}$ ") as "pre-planned" by this UCP to develop the universe from its initial "inanimate" matter through "animate": plants, animals and human-beings – leading to the UCP's "Ultimate Perfected Geulah Goal State" of Humanity (and the universe), in which Science and Humanity will recognize the UCP's "sublime" characteristics of "Morality", "Peace" & "Harmony" (and live & behave accordingly!) A call is made to all Astronomers, Cosmologists and Experimental Physicists to directly communicate with Dr. Bentovish (drbentwich@gmail.com) to further validate "G-D's Physics" (unique) "Critical Predictions".

## Introduction

Twenty-first Century's Theoretical Physics is undergoing a major "Paradigmatic-Shift" from the Old "Material-Causal Random" (MCR) Paradigm underlying Twentieth Century's General Relativity Theory (GRT) and Quantum Mechanics (QM) to the New "G-D's Physics" "A-Causal Computation" Scientific Paradigm! According to Thomas Kuhn's (famous) analysis of the "Structure of Scientific Revolutions" (1962) which has been well-accepted by the Scientific Community, such a Paradigmatic Shift follows the existence of a "Paradigmatic-Crisis" of the Old

"Standard Paradigm" (e.g., such as the Nineteenth Century's "Classical Mechanics"), which is replaced by such "NSP" – based on its Following Kuhn's "Stringent Scientific Criteria" for the acceptance of any "New Scientific Paradigm" (NSP):

- A. **Proven capacity to resolve any (major) "theoretical-inconsistency" found in the Old Standard Paradigm:** such as the current (urgent) need to resolve the basic "theoretical-inconsistency" between GRT's "Speed of Light Barrier" (SLB) and Quantum Mechanics' (QM) ("instantaneous") "Quantum-Entanglement".

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- B. **Proven capacity of the "New Scientific Paradigm" (NSP) to offer an (alternative satisfactory) theoretical explanation for certain (otherwise) "unexplained" major empirical phenomena:** such as the "Hubble's Tension", "Dark-Matter" and "Gravitational Enigma"! Indeed (as shown below) "G-D's Physics" New Twenty-First Century's Physics Paradigm offers such a novel (satisfactory) theoretical explanation for each of these "perplexing phenomena"!
- C. **Identification of at least one (unique) "Critical Prediction" differentiating the "New Scientific Paradigm" (NSP) from the corresponding predictions of the Old Standard Paradigm – that if empirically validated must lead to the unequivocal acceptance of the NSP (as more valid than the OSP)!** In the case of the New (Twenty-First Century's) Scientific Paradigm of "G-D's Physics" at least two such (unique) "Critical Predictions" are identified- and empirically validated- in the current article, thereby leading to the (unequivocal acceptance) of "G-D's Physics" as the New (valid and satisfactory) Scientific Paradigm for Twenty-First Century's Physics!
- D. **\*NSP's Discovery of a "broader-horizon" (e.g., empirically & theoretically):** even though these latter two (e.g., "D" & "E") criteria and not strictly needed for Science to "accept" (and "embrace") the NSP, still the NSP's discovery of a "broader horizon" (e.g., empirically & theoretically) gives significant "credence" to this NSP – encouraging the Scientific Community to "embrace" and ("enthusiastically") engage in this NSP, i.e., as possessing a greater appeal and potency than the Old Standard Paradigm! In the case of "G-D's Physics", its discovery of the UNCIARE-JRH's "Annual Minimal Increase" (MAI's) of the universe's Accelerated values of the Four (basic) Physical Features, e.g., "space", "time", "energy" and "mass" – which are not predicted by the Old "Material-Causal Random" (MCR) Paradigm of GRT & QM most definitely calls for the whole Physics Scientific Community to (intensively) validate these "amazing new phenomena" underlying the whole empirical dynMAI's of the entire physical universe and our most basic understanding of its origination, sustenance, and development of the whole cosmos!
- E. **\*"Theoretical-Validation": Generalization & Unification ("Unitary-Invariance")**  
Another key characteristic of Science's quest for "Truth" – is its seeking to discover the "true underlying reality" (e.g., origination, dynMAI's and even "purpose"! ) of the entire physical universe! This relates to Science's quest to discover (and validate) the "true underlying reality" behind the entire physical universe – i.e., whose key characteristic is its "invariant" (nature)! Science is attempting to discover the "unitary-invariance" basis behind all physical phenomena comprising the entire physical universe!
- F. **\*\* Science's Role: Advancing Humanity Towards its "Perfected Geulah Goal State"!**  
Indeed, based on the (current article's) direct empirical validation of "G-D's Physics" Discovery of a "Broader (Empirical & Theoretical) "Horizon" (D) & "Theoretical-Validation: Generalization & Unification ("Unitary-Invariance") (E) Criteria satisfaction; In particular, the (latter) "Theoretical-Validation": Generalization & Unification ("Unitary-Invariance") indication that "G-D's Physics" (empirically proven) New Scientific Paradigm

(NSP) – not only is capable of (completely) unifying GRT & QM, and the Four (basic) Physical Features & Four Forces, but even (more significantly) "metamorphosizes" our basic understanding of the true "Universal Consciousness Reality" (UCR) underlying (and even transcending) the entire physical universe(!); there arises another (novel unique) criteria for this NSP regarding its "Advancing Humanity Towards Its Perfected Geulah Goal State"! Once the true nature of the entire universe is discovered through this New "G-D's Physics" Scientific Paradigm: as comprising a singular (higher-ordered) "Universal Consciousness Reality" (UCR) which manifests as the physical universe – "during" its computation of every consecutive UF's frame/s; and remaining without the presence of any physical universe "in-between" any two (such) consecutive UF's frame/s! And once we realize the "sublime characteristics" of this singular "Universal Consciousness Reality" (UCR), i.e., of "All-Goodness", "Morality", "Peace" & "Harmony"; and its "pre-planned" advancement of the entire physical universe: from "inanimate" matter, through "animate": plants, animals and human-beings towards the "Ultimate Perfected Geulah Goal State" of Humanity and the Universe! the role of Science (itself) is altered – as being "critical" in informing and advancing Humanity (and the whole world) towards recognition of this singular (higher-ordered) "Universal Consciousness Reality" (UCR) and manifestation of that "Ultimate Perfected Geulah Goal State" for the whole of Humanity, which will be characterized by the same UCR's ("sublime") characteristics of "Goodness", "Morality", "Peace" & "Harmony"!

### Methods & Results

In order to directly contrast between the new "G-D'S PHYSICS" Paradigm and the corresponding predictions of the Old "Material-Causal" Paradigm, "G-D'S PHYSICS" identified two unique "Critical-Prediction" relating to the "Universe's Non-Continuous Increase in Its Accelerated Rate of Expansion" (UNCIARE) due to the "Collective Human Consciousness Focus Hypothesis" (CHCFH) associated with the two days' "Rosh-Hashanah" (New Year's) time-interval in which Millions of Jews are collectively focusing upon this singular higher-ordered UCP; According to the Old ("Material-Causal") GRT's Paradigm, the (purely hypothetical concept of) DM predicts a **"constant-rate" of the universe's expansion** – i.e., which should **not increase over time!** In contrast, according to one of the new Theoretical Postulates of the "G-D'S PHYSICS" termed: The "Collective Human Consciousness Focus Hypothesis" (CHCFH), whenever there is a "Collective Human Consciousness Focus" (CHCF), e.g., of a large group of human-beings focusing upon this singular (higher-ordered) "Universal Computational/Consciousness Principle" (UCP), this results in an **"Universe's Non-Continuous Increase in its Accelerated Rate of Expansion" ("UNCIARE")!** For example, during the Jewish "Rosh-Hashana's" (new year) two days' special time-interval, according to the CUFT (unique) "UNCIARE-JRH" "Critical Prediction", there should be measured a "non-continuous increase" in the universe's accelerated rate of expansion (e.g., predicted to occur during the JRH's two days special annual interval of a CHCF!)

## The "Proton-Radius Puzzle" Confirms "G-D's Physics" Critical Prediction

Pohl et al.<sup>27-29</sup> 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:

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

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).

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!

## Confirmation of "G-D's Physics" UNCIARE (JRH) Critical Prediction

In order to confirm "G-D's Physics" (unique) "UNCIARE (JRH)" Critical Prediction it is necessary to gauge and compare the rate of the universe's expansion – at it's early (Cosmological) stages, as opposed to the current (Astronomical) measure of the universe's rate of expansion: Once again, according to "G-D's Physics" (unique) UNCIARE (JRH) Critical Prediction, the rate of the universe's expansion increases at every year's JRH's CHCF (two days' special time interval – e.g., at which Millions of Jew collectively focus on this singular higher-ordered UCP!), hence predicted to lead to an overall increase in the rate of the universe's expansion from its early Cosmological measure to the current Astronomical measure of the universe's expansion rate! (As indicated above, this unique "G-D's Physics" UNCIARE-JRH Critical Prediction predicting an overall increase in the universe's expansion rate from its early Cosmological to the current Astronomical rate of expansion – stands in stark contrast to the Old MCR's GRT's purely hypothetical "Dark-Matter" prediction regarding the rate of the universe's expansion which should remain constant over time!?)

Indeed, the "Hubble's Tension"<sup>34</sup>- empirical findings (unequivocally) supports "G-D's Physics" UNCIARE-JRH prediction regarding such an increase in the rate of the universe's

expansion – from the universe's 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 <sup>34-40</sup>?! In other words, "G-D's Physics" unique UNCIARE-JRH Critical Prediction, predicting that the Universe's expansion rate will increase (annually) during every consecutive JRH's two days' (special) "Collective Human Consciousness Focus" (CHCF) – is validated by the "Hubble's Tension"<sup>34-40</sup> findings! In contrast, these "Hubble's Tension"<sup>34-40</sup> findings cannot be explained by the current "Standard Material-Causal" Paradigm of GRT, which assumes that the universe's accelerated expansion is the result of (purely hypothetical) "Dark Matter" concepts, which are assumed to comprise up to 95% of all the mass in the universe (but which failed to be detected despite twenty years of intensive experimentation attempting to do so)!? Even beyond that, even theoretically this (purely hypothetical) "Dark-Matter" concept could not account for the empirically observed "Hubble's Tension"<sup>34-40</sup> because such a (purely hypothetical) DM concept could only account for a constant-rate expansion of the universe (e.g., over time), but not for the "Hubble's Tension"<sup>32-33-40</sup> results indicating that the universe's rate of expansion increases over time, which precisely confirm "G-D's Physics" UNCIARE-JRH Critical Prediction!

Likewise, the empirically measured "Proton-Radius Puzzle" findings precisely support "G-D's Physics" novel UCP's computational definition of the "mass" of any given particle as function of its "Object Spatial Consistency" (across a series of UF's Frames); therefore the more "spatially-consistent" measurements of the (relatively more massive "Muon-Hydrogen") than the (relatively less-massive "electron-Hydrogen") was predicted by "G-D's Physics" to lead to a "spatially-smaller"- and spatially more accurate"- measurement of that "Muon-Hydrogen" empirical findings! In contrast, these "Proton-Radius Puzzle" empirical findings 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"<sup>49</sup>, interactions between gravity and the weak force, or a flavour-dependent interaction<sup>53,57</sup>, higher dimension gravity<sup>48</sup>, a new boson<sup>52</sup>, and the quasi-free hypothesis  $\pi+51$ ; and therefore constitutes a direct empirical validation of New "G-D's Physics" Paradigm! Hence, these "Proton-Radius Puzzle" empirical results unequivocally support "G-D's Physics" unique Critical Prediction stemming from its (novel) UCP's computational definition of the "mass" value of any given (subatomic) particle (or relativistic object)!

## Discussion

Based upon the (abovementioned) empirical validation of two (unique) "Critical Predictions" of "G-D's Physics" New Paradigm – as more valid than the corresponding predictions of the Old "MCR's" GRT & QM, we must accept "G-D's Physics" as the New (satisfactory) Scientific Paradigm (NSP) for Twenty-First Century Physics!

This (unequivocal) acceptance of "G-D's Physics" as the NSP for Twenty-First Century's Physics Paradigm stems – not only from its more accurate (unique differential) "Critical Predictions" (e.g.,

than the corresponding GRT's & QM's predictions); but also based on its satisfaction of Thomas Kuhn's (abovementioned) stringent scientific criteria necessary for the acceptance of any such NSP as more valid than the "Old Standard Paradigm" (e.g., MCR Paradigm underlying both GRT & QM:

**A. "G-D's Physics" Resolves GRT-QM "Theoretical Inconsistency":**

The principle "theoretical-inconsistency" between GRT & QM stems from GRT's insistence upon the "Speed of Light Barrier", i.e., the basic postulate that nothing (in the universe) can travel at a speed greater than the Speed of Light! Therefore, the empirically validated "Quantum Entanglement" phenomenon: wherein a certain subatomic measurement of one (of two) "entangled-particles" – "instantaneously" affects (and "determines") the "complimentary-value" of the other "entangled particle" (which may be separated by a distance greater than can be traversed by the Speed of Light emanating from that "first measured entangled particle"!)) seems to violate the "Speed of Light Barrier" (SOLB) of GRT!?

The manner in which "G-D's Physics" New Twenty-First Century's Paradigm is able to resolve this (apparent) GRT-QM "theoretical-inconsistency" is based on its (breakthrough) discovery of a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which "simultaneously" computes all exhaustive spatial pixels' Four (basic) Physical Features (e.g., of "space", "energy", "mass" and "time") for every consecutive "Universal Frame/s" (i.e., comprising the whole entire physical universe at every "minimal-time point"\*) at the incredible rate\* of "c<sup>2</sup>/h" = 1.36<sup>-50</sup> sec! Indeed, according to "G-D's Physics" New Scientific Paradigm, the UCP possesses two (out of three) specific "Computational Dimensions". i.e., "Framework" – each comprising two possible levels: Framework (e.g., "frame" or "object") and "Consistency" ("consistent" or "inconsistent"), producing four possible "combinations" corresponding to those Four Physical Features:

**UCP's "Frame-consistent" computation: "Space".**

The UCP's computation of "Frame-consistent" values for each exhaustive spatial pixel yields the "space" value for each exhaustive spatial pixel in the universe (for every consecutive UF's frame/s)!

**"Space"**

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

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!

**UCP's "Frame-inconsistent" computation: "Energy".**

The UCP's computation of "Frame-inconsistent" values for each exhaustive spatial pixel yields the "energy" value for each

exhaustive spatial pixel in the universe (for every consecutive UF's frame/s)!

**"Energy"**

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

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.

**UCP's "Object-consistent" computation: "Mass".**

The UCP's computation of "Frame-inconsistent" values for each exhaustive spatial pixel yields the "energy" value for each exhaustive spatial pixel in the universe (for every consecutive UF's frame/s)!

**"Mass"**

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

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 exceeds a minimal increase based on a multiplication of the number of UF's frames by Planck's constant value.

**UCP's "Object-inconsistent" computation: "Time".**

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 exceeds a minimal increase based on a multiplication of the number of UF's frames by the speed of light.

Table 1 illustrates the UCP's Computational Dimensions' derived Four (basic) Physical Features:

**Table 1: UCP's Computational Dimensions' Derivation of the Four Physical Features**

Framework/ Consist.	Frame	Object
Consistent	"Space"	"Mass"
Inconsistent	"Energy"	"Time"

Based on this (breakthrough) discovery of "G-D's Physics" of that singular higher-ordered UCP's "simultaneous" computation of all exhaustive spatial pixels' Four basic

Physical Features, as: "Framework"- "consistent" ("space") or "inconsistent" ("energy"); or "Object" – "consistent" ("mass"), or "inconsistent" ("time") computations; this profound new realization of "G-D's Physics" New Scientific Paradigm allows for the resolution of the apparent "theoretical inconsistency" between GRT's (strict) SOLB and QM's (empirically validated) "Quantum-Entanglement" phenomenon! This is because once we realize that QM's "Heisenberg's Uncertainty Principle's" assumed "complimentary pairs" (e.g., of "space" and "energy" or "mass" and "time") – does not ensue from any direct (or even indirect) "material-causal" physical interaction/s between the subatomic "probe" and "target" elements, but rather from the UCP's "complimentary computation" of either "Frame" – "consistent" ("space") and "inconsistent" ("energy"); or of "Object" – "consistent" ("mass") and ("time") Features; then according to these new "G-D's Physics" UCP's "complimentary computations" (of "space" – "energy"; or "mass" – "time") of the "complimentary-pairs", the abovementioned "Quantum Entanglement" phenomenon – is not "caused" by any direct (or even indirect) physical interaction/s between these two "entangled particles"! But is rather brought about (precisely) through this (singular) UCP's complimentary computation of these "UCP's complimentary-pairs"!

Thus, for instance, when that singular (higher-ordered) UCP computes the "complimentary-pairs" of "space" and "energy", e.g., for any such "two entangled particles": since the UCP's computation of (either of these "entangled particles") "space", (i.e., "Frame-consistent") or "energy", (i.e., "Frame-inconsistent") values are "complimentary", e.g., the more "focus" (or "accuracy") is given to (either of these "entangled particles") "energy" value – which denotes the UCP's computation of "Object-consistent" value/s, then necessarily also implies that the UCP's "focus" ("or "accuracy" level) for its "complimentary computation" of the "Framework-inconsistent" "energy" value/s (of either of these "complimentary-pairs") must also be affected (in a "complimentary" manner)! Likewise, the UCP's "complimentary computation" of (any of these) "entangled particle's" "Object-consistent" (e.g., "mass") or "Object-inconsistent" ("time") – is also necessarily "complimentary": i.e., the greater "focus" (or "accuracy level") with which the UCP computes any of these "entangled pairs" of either its "Object-consistent" ("mass") or "Object-inconsistent" ("time") value/s, then this also necessarily decreases the "other complimentary pair's" "focus" or "accuracy level"!

In fact, a more comprehensive understanding of the manner in which "G-D's Physics" New "A-Causal Computation" Scientific Paradigm explicates the true nature of the physical universe – as being continuously "computed", "dissolved", "re-computed" and "developed" (e.g., "simultaneously" for all exhaustive spatial pixels comprising the entire physical universe – at the incredible rate of  $c^2/h = 1.36^{50}$  sec<sup>-1</sup>) portrays the principle difference between the Old "Material-Causal Random" Paradigm's description of either: "Single Spatial-Temporal" (SST) of "relativistic objects" or "subatomic particles" – which measures the spatial-temporal value/s of only a "single spatial-temporal point" at any given "time-point"; or of "Multi Spatial-Temporal" (MST) "relativistic gravitational waves" or "QM's (assumed) probability wave-function" (e.g., which is "challenged" by

"G-D's Physics" New "A-Causal Computation" Paradigm, as shown previously): which measures (at least) "two (or more) spatial-temporal points" at any given "time-point"; as opposed to "G-D's Physics" "Exhaustive Spatial-Temporal" UCP's "simultaneous" computation of all "exhaustive spatial points" (in the universe) for every consecutive UF's frame/s!

**Table 2: UCP'S "SST", "MST" & "EST" Computations!**

UCP's Computations	SST	MST	EST
Num. "ST" Points	1	2+	All Points

#### B. "G-D's Physics" Explanation for Universe's Accelerated Rate of Expansion:

Indeed, the acceptance of "G-D's Physics" NSP as the New Twenty-First Century's Physics Paradigm follows from its satisfaction of Kuhn's (second) stringent scientific criterion, e.g., offering an (alternative satisfactory) theoretical explanation for the (otherwise "unexplained") accelerated rate of the universe's expansion rate! (As noted earlier, the Old MCR's "explanation" of the universe's accelerated expansion rate based on GRT's assumed existence of a purely hypothetical "Dark-Matter" concept, assumed to comprise up to 95% of all the mass in the universe – but which could not be verified experimentally for the past two full decades, can not be regarded as a "satisfactory" explanation for the universe's empirically observed accelerated expansion rate?) "G-D's Physics" new alternative explanation for the universe's accelerated rate of expansion stems from its (novel) "A-Causal Computation" Scientific Paradigm, and its (profound) discovery of the UCP's "Collective Human Consciousness Focus" (CHCF) Postulate – which has received empirical validation through the (above) "UNCIARE (JRH) Critical Prediction"!

#### "G-D's Physics" "A-Causal Computation" New Paradigm

Contrary to the basic "Material-Causal Random" (MCR) assumption of the Old MCR Paradigm, e.g., assuming that any (relativistic or quantum) phenomenon can be explained strictly based on (direct or indirect) "material-causal" physical interaction/s between a certain "massive objects" and their ("caused") "curvature" of "Space-Time" (or between such assumed "curved Space-Time" and its "causal" determination of the "travelling-pathways" of those "massive objects" or of other "less-massive" objects); or of QM's assumed "causal" relationship/s between a certain subatomic "probe" element and its direct "material-causal" physical interaction with another corresponding subatomic "target's probability wave-function" – which "causes" the "collapse" of this (assumed) "probability wave-function" into a singular "complimentary" "energy-mass" or "time-mass" value/s;

"G-D's Physics" New "A-Causal Computation" Paradigm (principally) negates the very possibility of the existence of any such (direct or even indirect) "material-causal" physical interactions between any such relativistic "massive objects" and their (assumed) "curvature of Space-Time", or (conversely) between any such (assumed) "curved Space-Time" and its "causing" (or determination) of the "travelling-pathways" of those "massive objects" or of other "less-massive objects"! Or of the existence of any such "material-causal" physical

interaction/s between a certain subatomic "probe" element and a corresponding subatomic "target's probability wave-function" which is assumed to "cause" the "collapse" of that "target's probability wave-function" (e.g., into a singular "complimentary": "space-energy" or "mass-time" value/s)!? This is due to "G-D's Physics" discovery of the UCP's "simultaneous" computation of all exhaustive spatial pixels' Four basic Physical Features (for every consecutive UF's frame/s) – which precludes the very possibility of the existence of any such (direct or even indirect) "material-causal" physical relationship/s between any two (or more) exhaustive spatial pixels, e.g., occurring at any single or multiple UF's frame/s! Once we realize, that since that (singular, higher-ordered) UCP "simultaneously" computes all exhaustive spatial pixels for every consecutive UF's frames, therefore there cannot exist any (direct or even indirect) physical interaction/s between any two (or more) exhaustive spatial pixels existing any in any (single or multiple) UF's frame/s! Moreover, due to "G-D's Physics" (assumed) complete "dissolution" of all such exhaustive spatial pixels (comprising the entire physical universe in any single UF's frame/s) "in-between" any two (such) consecutive UF's frame/s (back into the singularity of this UCP!) therefore there cannot also exist any such "material-causal" physical interaction/s between any two (or more) exhaustive spatial pixels – across any two ("consecutive" or "non-consecutive" UF's frame/s)!?

Therefore, it has been previously shown that "G-D's Physics" also principally negates GRT's "Big-Bang" Model, which assumes that the universe has been created by an initial "Big-Bang" nuclear event – which "caused" the creation of all "suns", "galaxies", "mass", "energy" etc.!? This is simply because according to "G-D's Physics" (novel) "A-Causal Computation" Scientific Paradigm, there cannot have existed any such (direct or even indirect) "material-causal" physical interaction/s between any two (or more) exhaustive spatial pixels – i.e., including between the (assumed) "Big-Bang" nuclear event and its "causing" (e.g., creation) of any such "suns", "galaxies", "planets", "mass", "energy" etc. ; either in the "first", "second", "third"... "trillionth" etc. UF's frame/s!? Neither could there have been any such "material-causal" physical interaction/s between any such (initially assumed) "Big-Bang" nuclear event and the accelerated expansion of the universe! Nor could there exist any (abovementioned) purely hypothetical "Dark-Matter" (DM) concept that is assumed (by the Old MCR Paradigm) to "cause" this accelerated rate of expansion of the universe; e.g., once again, due to the "impossibility" of the existence of any such (direct or indirect) "material-causal" physical interaction/s between any such (purely hypothetical) "Dark-Matter" (DM) concept and any "outer galactic elements" (assumed to "cause" their "expulsion" by this purely hypothetical DM!?)

### **The UCP's "Collective Human Consciousness Focus" (CHCF) Postulate**

Instead, "G-D's Physics" alternative explanation of the universe's (empirically observed) accelerated rate of expansion is associated with its (novel) UCP's "Collective Human Consciousness Focus" Postulate, which postulates that whenever there is a "Collective Human Consciousness Focus" (CHCF), e.g., of a large group of human-beings on this singular (higher-ordered) "Universal Computational/Consciousness Principle" (UCP), then this produces a "Universe's Non-Continuous

Increase in its Accelerated Rate of Expansion" (UNCIARE)! Such as during the two days of the "Jewish Rosh Hashanah" (JRH) in which Millions of Jew (all over the world) singularly focus on this UCP (e.g., CHCF!) – which, in fact, constitutes one (of the two abovementioned) "G-D's Physics" empirically validated (unique) "Critical Predictions"!

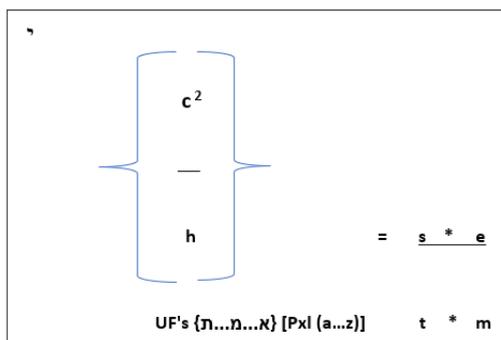
As mentioned above, the empirically observed (unexplained) "gap" that exists between the early Cosmological "decreased" measurements of the universe's expansion rate – as opposed to the current "increased" Astronomical accelerated measurements of the universe's rate of expansion (which is termed: "Hubble's Tension") – directly support "G-D's Physics UNCIARE (JRH) unique "Critical Prediction"; but contradicts the Old MCR's GRT's "Big-Bang" Model (e.g., including the purely hypothetical and empirically "unvalidated" "Dark-Matter" concept) that can only account for a "constant-rate" of the universe's expansion!?

We therefore stand at a truly "historic pivotal turning-point" in Twenty-First Century Physics which must necessarily embrace and accept "G-D's Physics" as the New Scientific Paradigm (NSP), e.g., as more valid and more exhaustive than the Old MCR's GRT & QM Models! In fact, as shown previously, this New "G-D's Physics" is not only more valid and accurate than those two (OLD MCR's) GRT & QM Theories, but in fact fully integrates- (and transcends-) both of them within its singular (higher-ordered) more exhaustive discovery of the UCP's "Universal Computational Formula" (UCF) that also (fully) unifies (e.g., for the first time in Physics!) between the Four basic "Physical Features" (of "space", "time", "energy" and "mass"):

### **"G-D's Physics" Complete Integration of GRT-QM & the Four Physical Features!**

Strikingly, this new alternative ACC "G-D's Physics" theoretical account for the "appearance" of the "Relativistic curvature of Space-Time" by (certain) "massive objects" – which negates the very possibility of the existence of any such (direct or even indirect) "material-causal" physical interactions, e.g., between any two (or more Relativistic or Quantum) exhaustive spatial pixels (existing either in the same- or other- UF's frames) "opens the door" for a complete unification between GRT & QM, as well as between GRT's "Gravitational Force" and QM's "Standard Model's" other Three (e.g., Electromagnetic. Strong- & Weak- Nuclear Forces)! This is simply because "G-D's Physics" the discovery of this singular (higher-ordered) UCP which "simultaneously" computes all exhaustive spatial pixels' Four (basic) Physical Features, has also led to its discovery of a singular unified "Universal Computational Formula" (UCF) which completely integrates between those Four Physical Features (i.e., as "secondary computational by-products" of this singular higher-ordered "Universal Computational/Consciousness Principle", "UCP") (Figure 1)!

Wherein the UCP represented by the Hebrew Letter "ש" computes at an extremely rapid rate, e.g., of " $c^2/h = 1.36^{50}$  (sec)" simultaneously every exhaustive spatial pixel comprising every consecutive UF's – including the UCP's complete integration of those Four basic Physical Features through the UCF's:  $s * e / t * m$  computation (e.g., for each exhaustive spatial pixel – from "a to z")!



**Figure 1:** The “UNIVERSAL COMPUTATIONAL FORMULA” (UCF)

**Note:** which is accompanied by "G-D'S PHYSICS" computational (above) definitions of these four basic physical features of "space" and "energy", "mass" and "time".

In order to see how this (novel) "G-D's Physics" Computational Definitions of each of the Four (basic) Physical Features is (fully) integrated within the UCF's singular formula – i.e., and which also allows for "G-D's Physics" complete integration of GRT & QM (as "special-cases" within the broader- exhaustive- higher-ordered theoretical framework of "G-D's Physics" UCF!); let us exMAIne "G-D's Physics" (novel) "Computational Definitions" of each of those Four (basic) Physical Features:

Indeed, "G-D's Physics" (novel) UCP's **"Computational Definitions"** of the Four Physical Features are based on the discovery of the UCP's two **"Computational Dimensions"** of **"Framework"** ("frame" or "object") and **"Consistency"** ("consistent" or "inconsistent"); wherein the UCP's computation of the UF's "frame" (level's) – "consistent" (e.g., "space") or "inconsistent" ("energy") Physical Features relates to the UCP's computation of the degree of "consistency" or "inconsistency" of any given "object", relative to the entire UF's ("coordinate-system", e.g., across a series of UF's frame/s)! Or, conversely, the UCP's computation of any given object's "object" (e.g., "internal-composition's) – "consistent" (e.g., "mass") or "inconsistent" (e.g., "time") produce the entire UF's exhaustive spatial pixels' Four basic Physical Features values! (See Table 1).

**The UCP's Four Physical Features (Novel) Computational Definitions**

**"Space"**

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

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

**"Energy"**

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

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:

**"Mass":**

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

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 exceeds a minimal increase based on a multiplication of the number of UF's frames by Planck's constant value.

**"Time":**

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 exceeds a minimal increase based on a multiplication of the number of UF's frames by the speed of light.

In order to illustrate the (full) integration of "G-D's Physics" singular "Universal Computational Formula" (UCF) – not only of the Four (basic) Physical Features, but also of GRT & QM (e.g., as "special-cased" within its UCF, as Einstein envisioned!) let us exMAIne two derivatives of this singular UCF, i.e., of a Relativistic and Quantum Formats!

**The UCF's Relativistic Format:**

$$E * \underbrace{s}_{t} = \underbrace{M * c^2}_h$$

in which GRT's (famous) "Energy-Mass Equivalence" is embedded within the UCF.

**The UCF's Quantum Format:**

$$\underbrace{t * m}_{s} = \underbrace{s * e * h}_{c^2}$$

in which "Heisenberg's Uncertainty Principle's" ("complimentary pairs") are embedded as "special cases" within the UCF (see previously elaborated analysis of "G-D'S PHYSICS").

Interestingly, this (latter) new "G-D's Physics" UCP's (⊙) computation of the UCF's "Quantum Format" clearly reveals a much "deeper" understanding of the basic "computational constraint" imposed by Heisenberg's "Uncertainty Principle" that stems from "G-D's Physics" singular higher-ordered UCP's simultaneous computation of those Four (basic) Physical Features (for all exhaustive spatial pixels comprising the entire physical universe) – rather than as "caused" by any (direct) "material-causal" physical interaction/s between any (two subatomic) "probe" and "target" elements; which serves as the current QM's "theoretical explanation" for Heisenberg's "Uncertainty Principle" (e.g., and associated assumed "collapse" of the "target's probability wave-function" – as "caused" by this direct "material-causal" physical interaction between the subatomic probe and target elements)!? This is because if we realize that according to "G-D's Physics" (novel) UCP's computational definitions of these Four basic Physical Features (above) – arising from the four possible combinations of the two Computational Dimensions: "Framework" ("frame" or "object") and "Consistency" ("consistent" or "inconsistent"): "Frame" – "consistent" (e.g., "space") or "inconsistent" (e.g., "energy"), and "Object" – "consistent" (e.g., "mass") or "inconsistent" ("time")! Then, we can immediately see that the real "intrinsic computational-complimentary" reason for Heisenberg's "Uncertainty Principle" is not any direct (or even indirect) "material-causal" physical interactions between the subatomic "probe" and "target's" (assumed "probability wave function") elements! But rather, this "UCP's intrinsic computational complementarity" is the real reason for Heisenberg's "Uncertainty Principle" stems from the "UCP's intrinsic computational complementarity": i.e., since the UCP simultaneously computes both the "Framework" – "consistent" ("space") and "inconsistent" ("energy"), or "Object" – "consistent" ("mass") and "inconsistent" ("time") values of any given object (e.g., exhaustive spatial pixel in the universe – at the incredible rate of " $c^2/h = 1.36 \cdot 10^{50}$  sec"), therefore any increase in the accuracy level

of the measurement of any one of these "UCP's computational pairs", i.e., "Frame" – "consistent" ("space") or "inconsistent" ("energy"), or "Object" – "consistent" ("mass") or "inconsistent" ("time") necessarily leads to a proportional decrease in the other "UCP's computational pair's" accuracy level!

Moreover, since this singular (higher-ordered) UCP simultaneously computes all Four Physical Features (for every exhaustive spatial pixel comprising each consecutive UF's frame/s), therefore the singular "Universal Computational Formula" completely integrates (e.g., for the first time in Physics!) those Four Physical Features as "secondary computational by-products" of the same singular (higher-ordered) UCP computation! Indeed, as can be seen from the two (abovementioned) "Relativistic" and "Quantum" Formats of this singular UCF, we can see that "G-D's Physics" novel UCF completely integrates – not only between those Four basic Physical Features, but also completely integrates GRT & QM as "special cases" within this broader and (indeed) exhaustive new theoretical framework! Hence, not only do those key Relativistic "Energy-Mass Equivalence" (" $E = Mc^2$ ") and Quantum's Heisenberg's "Uncertainty Principle" (e.g., stemming not from any direct "material-causal" physical interaction between the subatomic "probe" and "target" elements, but is rather due to the "UCP's intrinsic computational complementarity"!)) being embedded within the singular UCF's Relativistic and Quantum Formats, but more broadly, its been previously shown that all key Relativistic and Quantum phenomena and laws are being replicated (and indeed "transcended" as merely representing "special cases" within "G-D's Physics" more exhaustive theoretical framework).

**"G-D's Physics' Predicted UNCIARE-JRH's MAI's Increased Four Physical Features Values Defies GRT's 'Energy-Mass Equivalence' Principle!**

In order to directly "challenge" and "negate" the predictions and laws of both GRT & QM by one of the unique "Critical Predictions" of the New "G-D's Physics" Twentieth Century's Physics Paradigm; we need to first, (deeply) understand "G-D's Physics" unique "UNCIARE-JRH" Critical Prediction, and its ensued discovery of this UNCIARE-JRH's "Minimal Annual Increase" (MAI)

General Relativity Theory (GRT) and Quantum Mechanics (QM) are based on the "Material-Causal Random" (MCR) fundamental assumption: according to GRT, the whole universe has been created by a "random" (e.g., and "purposeless") initial "Bing-Bang" nuclear event which created all of the suns, galaxies, planets, etc. and also set in motion the universe's continuous ("constant-rate") expansion; Likewise the basic "dynMAIcs" of the universe's expansion and operation are also based on such a MCR assumption, e.g., wherein it is assumed...

Specifically, GRT's MCR assumption manifests as Einstein's famous "Energy-Mass Equivalence" ( $E = Mc^2$ ) which assumes that the amount of energy that can be produced from a minimal amount of mass is given by (or "caused" by) this (elegant) equation; Likewise, QM's MCR assumption can be glanced from Heisenberg's (famous) "Uncertainty Principle's" precise ("causal" relationship between those "complimentary pairs" of "space-energy" or "mass-time": for instance, QM assumes that

it is due to the direct "material-causal" (& "random") physical interaction/s between the subatomic – "probe" element and corresponding (assumed) "target's probability wave-function" which "causes" the "collapse" of that "target's probability wave-function" into a singular "complimentary" "space-energy" or "mass-time" value/s. Therefore, "Heisenberg's Uncertainty Principle" states that if we are to "increase" the subatomic "measurement accuracy" of the given probe's "spatial" (location) value (e.g., by increasing its frequency level) – this would "cause" a "proportional decrease" in the "accuracy level" of the measured "target's (probability function's) (collapsed) "energy" value (i.e., due to "impact" of that "increased energy disturbance" of the "probe" element upon the "alteration" of the target's "energy" value)!

Obviously, these basic (Relativistic and Quantum) MCR's "laws" and relationship/s" (e.g., and corresponding "predictions") form the very basis of GRT's & QM's fundamental theoretical framework (and understanding) of our physical universe (e.g., and the manner in which it "operates": its "origination"- "sustenance"- and "evolution"- etc.); To the extent that "G-D's Physics" New "A-Causal Computation" Scientific Paradigm "challenges" and even "negates" any of these basic "laws" ("relationship/s") or "predictions" – and it can be validated empirically, then this would clearly substantiate "G-D's Physics" as the "New (valid) Physics Paradigm (for the Twenty-First Century)!"

Indeed, "G-D's Physics" New "A-Causal Computation" (ACC) Paradigm asserts that since a singular (higher-ordered) "Universal Computational/Consciousness Principle" (UCP) "simultaneously" computes all exhaustive spatial pixels' (Four basic "Physical Features", e.g., of "space", "time", "energy" and "mass") comprising the entire physical universe (e.g., for every consecutive "Universal Frame/s", UF's, at the incredible rate of " $c^2/h = 1.36^{-50}$  sec!"); therefore there cannot exist any (direct or even indirect) "material-causal" relationship/s between any (two or more) exhaustive spatial pixels (e.g., in any single- or multiple- UF's)!? Moreover, since according to "G-D's Physics" (novel) ACC Paradigm, all of these exhaustive spatial pixels "dissolve" back into the singularity of this UCP "in-between" any two (consecutive) UF's frame/s, therefore there cannot also exist any such "material-causal" relationship/s between any (two- or more- such) exhaustive spatial pixels "across" any two "consecutive" or "non-consecutive" UF's frame/s!?

Moreover, according to "G-D's Physics" (unique) "UNCIARE-JRH" "Critical Prediction", there occurs a "Minimal Annual Increase" (MAI) in the UCP's computation of those Four (basic) Physical Features, e.g., due to the JRH's two days of "Collective Human Consciousness Focus" (CHCF, in which Millions of Jews collectively focus on this singular higher-ordered "UCP")! Indeed, the (novel) "UNCIARE-JRH MAI's Universal Computational Formula" precisely delineates this ("G-D's Physics") predicted "increase" in the value/s of each of these Four Physical Features, e.g., of "space", "time", "energy" and "mass" value/s!

$$\left. \begin{array}{c} \text{UNCIARE-JRH' MAI} \\ c^2 \\ - \\ h \end{array} \right\} = \left. \begin{array}{c} s * e \\ t * m \end{array} \right\}$$

UF's {n...n...x} [Px] (a...z)

**Figure 2:** The NEW "UNCIARE-JRH – MAI's INCREASED FOUR PHYSICAL FEATURES VALUES' UCF"!

**Note:** which is accompanied by "G-D'S PHYSICS" computational (above) definitions of these four basic physical features of "space" and "energy", "mass" and "time".

Wherein the UCP represented by the Hebrew Letter "ש" computes at an extremely rapid rate, e.g., of " $c^2/h = 1.36^{-50}$  (sec') simultaneously every exhaustive spatial pixel comprising every consecutive UF's – which is increased by the UCP's MAI for each of these Four Physical Features (e.g., of "space", "time", "energy" and "mass" values' including the UCP's complete integration of those Four basic Physical Features through the UCF's:  $s * e / t * m$  computation (e.g., for each exhaustive spatial pixel – from "a to z")!

Ten previous "G-D's Physics" New Twenty-First Century's "Annus-Mirabilis" breakthrough (seminal) articles have been published (in 2025-2026), which completely revolutionize our basic understanding of the entire physical universe – its origination, sustenance, and development (e.g., towards an "Ultimate Perfected Geulah Goal State")! by a singular higher-ordered "Universal Computational Principle" (UCP), which "simultaneously" computes all exhaustive spatial pixels in the universe (e.g., at an "unfathomable" rate of " $c^2/h = 1.36^{-50}$  sec!")

Indeed, one of the key discoveries made by "G-D's Physics" New Twenty-First Century's Physics Paradigm is that this singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) INCREASES the values of those Four basic Physical Features (i.e., "simultaneously" of all exhaustive spatial pixels in the universe) – at every consecutive "Jewish Rosh Hashanah" (e.g., due to its two days' of "Collective Human Consciousness Focus" CHCF)! This manifests as the empirically validated (see below in the Results section) "Universe's Non-Continuous Increase in its Accelerated Rate of Expansion" (UNCIARE), which therefore also resolves the (otherwise "unexplained") "Hubble's-Tension enigma! Indeed, as will be shown (below in the Discussion section), the broad acceptance of "G-D's Physics" as the New Twenty-First Century's Physics Paradigm stems not only from its (necessary) satisfaction of Kuhn's (core above) "Stringent Scientific Criteria"; but moreover from "G-D's Physics" indication of its "Robust Theoretical Validity", e.g., capacity to completely unify between those Four (basic) Physical Features (of "space", "time", "energy" and "mass") for the first time in Physics! (Einstein's GRT was only capable of unifying between "pairs" of the "Energy-Mass Equivalence", as well as "Space-Time", but not between all Four

Physical Features); as well as between the Four (fundamental) Forces (e.g., QM's "Standard Model" is only capable of unifying between three of those Four Forces, including: the "Strong"- & "Weak" Nuclear Forces, & the "Electromagnetic" Force – but not the "Gravitational Force"!)

In addition (and perhaps even more profound) is "G-D's Physics" opening of "Broader & Empirical Horizons" – i.e., specifically this BREAKTHROUGH DISCOVERY of "G-D's Physics" regarding the "UNCIARE-JRH'S MAI'S INCREASED FOUR PHYSICAL VALUES UNIVERSAL COMPUTATIONAL FORMULA" completely alters our basic understanding of the origin- sustenance- and development- of the entire physical universe!

One of the truly "revolutionary" theoretical implications of this major scientific discovery by "G-D's Physics" New Twenty-First Century's Physics Paradigm is its complete revision of our basic understanding of the concept of "time"! Since we see from the (above) "NEW UNCIARE-JRH'S MAI'S INCREASED FOUR PHYSICAL VALUES UCF" formula, that at each (consecutive) JRH, the UCP increases (simultaneously) the values of all Four Physical Features at every exhaustive spatial pixel in the universe!; and since this ("dramatic") INCREASE in the values of all FOUR PHYSICAL FEATURES (at every exhaustive spatial pixel in the universe) – occurs during the Jewish Rosh Hashanah (JRH's) two days of "Collective Human Consciousness Focus", CHFC), therefore we must reach the inevitable conclusion that the UCP's basic computation of the "time" value (for every exhaustive spatial pixel in the universe) comprises a few "distinct" characteristics:

#### A. **The UCP'S "BASIC COMPUTED TIME":**

refers to the UCP's (basic) computation of the "time value" for every exhaustive spatial pixel in the universe based on its "Object-Inconsistent Computational Definition":

This "G-D's Physics" (novel) "Computational Definition" of the UCP's Object-Inconsistent" Computation implies that the UCP computes (simultaneously) each and every exhaustive spatial pixel, i.e., each "Object" occupying every exhaustive spatial pixel in terms of its "Object-inconsistent" "time" value for every consecutive UF's frame/s! Hence, at this "UCP's BASIC COMPUTED TIME" computational level, "G-D's Physics" New Twenty-First Century's Paradigm "replicates"- all known Quantum & Relativistic findings and relationships, i.e., such as the "dilation of time" for Relativistic Objects (as shown previously): Succinctly stated, this well-known "Relativistic Object's Dilation of Time" stems from the UCP's specific (novel) "Computational Definition/s" of the Four basic Physical Features – i.e., specifically of "time" and "mass" and "energy"; As shown previously, since the UCP's computation of the "time" value of any (relativistic or quantum) "Object" relates to the degree of "displacement" or "change" (i.e., "inconsistency") in any given "Object" (e.g., across a given series of UF's frame/s); and since there exists a fundamental computational constraint characterizing the UCP's computation of the "energy" (value) of any such given "Object" – such that the "maximal displacement" of an "Object" cannot exceed the Planck's constant ("h") across any two consecutive UF's frame/s, therefore the greater "relativistic velocity" ("energy") is computed by the UCP for

any given "Object", the "greater" its "mass" value and "lower" its "temporal" value! This is because when we examine those (novel) UCP's "Computational Definitions" of both the "time" and "mass" value/s of any given object, we can see that the UCP's computation of "time" refers to the computation of that "Object's-inconsistency" across a given series of UF's frames; whereas the UCP's computation of that (same or other) "mass" value refers to its "Object-consistency" (across those given UF's frames); Hence, when any given "Object" is "displaced greatly" (e.g., relativistic object travelling at high velocities), then this implies that given the abovementioned (intrinsic UCP's) computational constraint regarding the "maximal Planck's constant (h) displacement" possible for any given (relativistic) Object; then this implies that for any such (high-displacement) relativistic Object – that Object will necessarily be presented a "greater number of time" across that given series of UF's frame/s! But, since the UCP's (abovementioned) computational Definition of both "mass" and "time" refers to the degree of "Object-consistent" ("mass" value) or "Object-inconsistent" ("time-value"), therefore whenever the UCP computes any given "Relativistic Object", i.e., as being "greatly dispersed" (across a series of UF's frames) – then this necessarily implies that that "Relativistic Object" must also possess "high mass" (value) and "low (dilated) time" (value)! This is because that "Relativistic Object" must be presented (or computed) a greater number of times as "object-consistent" (which refers to its "mass-value") and consequently also be computed as having a low "Object-inconsistent" ("time value), thereby replicating the known GRT's time-dilation for "Relativistic Objects", as well as for "Massive-objects"!

Interestingly, the "Robust Theoretical Validity" of "G-D's Physics" New Twenty-First Century's Physics Paradigm also points at the application of the same (novel) "UCP's Computational Definitions" of the Four basic Physical Features (e.g., which were shown above to explain in a satisfactory manner the "Proton-Radius Puzzle" based on the UCP's computation of the "mass" value of any relativistic or quantum as "Object-consistent" computation); is also shown to offer an alternative satisfactory explanation for the apparent "curvature of Space-Time" – but which is not "caused" by "massive objects" (according to the Old MCR Paradigm of GRT) but rather solely based on the UCP's "A-Causal Computation" New Paradigm's (novel) UCP's "Computational Definitions" (of "space", "time", "energy" and "mass")!

#### **G-D's Physics' Novell Computational Definition of the "Gravitational Force" Metamorphoses "Space-Time" Curvature!**

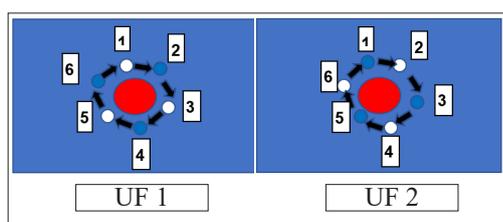
Instead, G-D's Physics' New ACC Scientific Paradigm explains GRT's "Gravitational Force" – not as "caused" by (certain) "massive objects" causing the "curvature of space-time" (i.e., which is negated by "G-D's Physics" new ACC Paradigm, as explained above); but rather through "G-D's Physics" (novel) UCP's computational definition of "Mass" (e.g., of any given subatomic particle or of any relativistic object) – as the degree of "Object-Consistent" presentations of any such "object" across a given series of UF's frames!

#### **"Mass":**

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

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.

Surprisingly, this novel UCP's computational definition of the "mass" of any given (subatomic particle or relativistic) "object" offers an entirely new understanding of the "curvature of Space-Time", as well as of the accelerated rate of the universe's expansion; which when taken together with the (simultaneous) UCP's computation of the other three Physical Features (for every exhaustive spatial pixel in the universe!) allows "G-D's Physics" New Scientific Paradigm to completely unify (for the first time in Physics!) between those Four basic Physical Features, as well as between GRT & QM! Indeed, according to The New "G-D's Physics" UCF's simultaneous computation of every exhaustive spatial pixel's four basic Physical Features creates (relatively) "consistent regions" (i.e., within a given "location" in the "coordinates" of the "Universal Frame" – across a series of UF's frames!) : which may be characterized as "High-Mass; Low Energy" ("HMLE") "consistent regions", represented by the large "red" circles (in Figure 3); As opposed to other "Low-Mass; High-Energy" (LMHE) which appear as (relatively) "inconsistent-regions" (e.g., within a given "location" in the "coordinates" of the Universal Frame – across a series of UF's frames!); Hence, as we can see (in Figure 3) the UCP's computation of "differential consistency regions": a) The "HMLE" "consistent regions" of the "large Red circles", which remain "spatially-consistent" across the two UF's frames; as opposed to : b) The "LMHE" "inconsistent regions" of the "small (alternating) blue/white" which continuously "alternate" (i.e., are "spatially inconsistent") across the two illustrated UF's frames! This implies that those LMHE (alternating "blue/white circles") create a "vacuum" or an "empty-alternating space" around those "consistent" HMLE ("Red circle), thereby giving rise to the "appearance" of "curved Space-Time" around those HMLE "consistent Red circles"!



**Figure 3:** "G-D's Physics" Alternative Explanation for "Curved Space-Time"!

Indeed, part of the great "elegance" of this New "A-Causal Computation" (ACC) "G-D's Physics" Scientific Paradigm (e.g., empirically proven to be more valid e.g., in two of its unique "Critical-Predictions" than the corresponding predictions of the Old "MCR": GRT & QM Paradigm); is that its novel computational definition of the UCP's computation of the "mass" value of any given (relativistic or quantum) "object" allows it to derive an altogether new alternative explanation for the apparent "curvature of Space-Time" by (certain) "massive" objects! Since (as mentioned above and previously), according to the New (empirically validated) "G-D's Physics" Scientific Paradigm there cannot exist any (direct or even indirect) "material-causal"

physical interaction/s between any two (or more) exhaustive spatial pixels comprising any single (or even multiple) UF's (e.g., due to the "simultaneity" of the UCP's computation of all exhaustive spatial pixels comprising every consecutive UF's frame/s, and the complete "dissolution" of all such exhaustive spatial pixels back into the singularity of the UCP "in-between" any two consecutive UF's frame/s!); therefore this New ACC "G-D's Physics" Scientific Paradigm is shown capable of deriving an "appearance" of those "HMLE" (e.g., "large Red circle") "consistent regions" remaining relatively "stable" across a series of UF's frame/s, as opposed to the "inconsistent regions" of those "LMHE" (e.g., alternating "blue/white small circles") which produces a "vacuum" or "empty-space" around those "HMLE -consistent regions", thereby giving rise to the appearance of a "curved Space-Time" around those "HMLE" ("Red circle")!

#### B. The "UCP's UNCIARE-JRH'S MAI'S INCREASED "COMPUTED TIME":

The UCP's (own) rate of computation, i.e., in terms of the number of UF's frame/s that it computes (for instance per second): Ordinarily, according to "G-D's Physics" ("standard") "Universal Computational Formula" (Figure ??) the UCP's rate of UF's frame/s computation is:  $c^2/h = 1.36^{-50} \text{ sec}!$

#### STANDARD UNIVERSAL COMPUTATIONAL FORMULA

Indeed, one of the ("surprising") BREAKTHROUGH DISCOVERIES made in the current article is "G-D's Physics" (novel unique) additional "Critical Prediction" regarding the "disappearance" of the physical universe – "in-between" any two consecutive UF's frames (i.e., wherein the entire physical universe "dissolves" back into the singularity of the UCP!) One such (unique) "G-D's Physics" "Proton-Radius Critical Prediction" is the abovementioned validated "G-D's Physics" assertion regarding the continuous "origination" (computation), "dissolution", "re-computation" and "development" of every exhaustive spatial pixel in the universe (e.g., at the incredible rate of  $c^2/h = 1.36^{-50} \text{ sec}!$  as shown above, "G-D's Physics" unique "Critical Prediction" regarding the "Proton Radius Puzzle" stems from its novel UCP's Computational Definitions of "mass" (e.g., as "Object-consistent" UCP computation) – which therefore predicted that a relatively more "massive" particle (such as the "Muon") should appear as more "spatially-consistent" than a relatively "less-massive" particle (such as the equivalently negatively charged "electron"), thereby explaining the "Proton Radius Puzzle" ("surprising") findings indicating the "smaller" (more "spatially-consistent") radius of the Proton associated with the "more massive" Muon than with the "less-massive" electron!

An even more accurate (yet "highly surprising") unique NEW "Critical Prediction" of "G-D's Physics" New Twenty-First Century's Physics Paradigm is regarding the greater number of "Fine Temporal Measurements" (FTM's) instances (measurements) in which that relatively "more massive" Muon particle would be measured, than the number of FTM's measurements (e.g., across a given time-period)! This is because even though the UCP's rate of computation of the series of (consecutive) UF's frame/s (e.g.,  $c^2/h = 1.36^{-50} \text{ sec}!$ ) is too great to be measured in an Accelerator, still a certain "sampling"

of that (incredible) rate of the UCP's computation of the series of UF's frame/s (e.g., given by those FTM's that powerful Accelerators can measure) – is predicted to validate "G-D's Physics" New "Greater number of FTM's for More massive than less Massive Particles" "Critical Prediction"!

However, one of the truly GROUNDBREAKING DISCOVERIES of "G-D's Physics" recent TENANNUS MIRABILIS ARTICLES (2025-2026) is the (amazing discovery indeed, "G-D's Physics" recent (breakthrough) discovery regarding the "UNCIARE-JRH'S MAIN'S INCREASED FOUR PHYSICAL FEATURES UCF" implies that this rate at which the UCP computes each consecutive UF's frame/s INCREASES (significantly) at each consecutive JRH! This means that the temporal value of any given (quantum or relativistic) object INCREASES at each consecutive JRH!

#### **THE NEW UNCIARE-JRH'S INCREASED MAI'S FOUR PHYSICAL FEATURES UCF:**

This GROUNDBREAKING DISCOVERY regarding the "FOUR PHYSICAL FEATURES INCREASED MAI'S VALUES UNIVERSAL COMPUTATIONAL FORMULA" in fact proves the existence of the "UCP's UNCIARE-JRH'S MAI'S INCREASED COMPUTED TIME"! This is because the only possible explanation for this GROUNDBREAKING INCREASE IN THE FOUR BASIC PHYSICAL FEATURES VALUES! (e.g., of the values of "space", "time", "energy" and "mass") across every exhaustive spatial pixel (across the entire physical universe!) – points at the "UCP's UNCIARE-JRH'S MAI'S INCREASED COMPUTED TIME"!

#### **C. THE UCP'S GLOBAL UNIVERSAL TIME:**

Indeed, "G-D'S PHYSICS GROUNDBREAKING DISCOVERY OF "UNCIARE-JRH'S MAI'S INCREASED FOUR PHYSICAL FEATURES UCF" – also points at another "layer" of the "UCP'S GLOBAL UNIVERSAL TIME", i.e., the overall UCP's Global Time for the Universe's existence – at least in its "pre-Geulah Perfected State" (which is called in Jewish-Chassidic terminology as "Galut"! This is because the abovementioned The (direct) empirical validation of "G-D's Physics" "UNCIARE-JRH'S MAI'S INCREASED FOUR PHYSICAL VALUES UCF" – also implies an extremely significant additional theoretical conclusion regarding the "GLOBAL UNIVERSAL TIME" of the existence of the entire physical universe! This is because that "UCP's UNCIARE-JRH'S MAI'S INCREASED COMPUTED TIME"! increase in those four basic Physical Features Values (e.g., of "space", "time", "energy" and "mass") is derived from "G-D's Physics" computation of the basic MAI increase value (derived from "G-D's Physics" overall True Age of the Universe, i.e., 5786 years!)

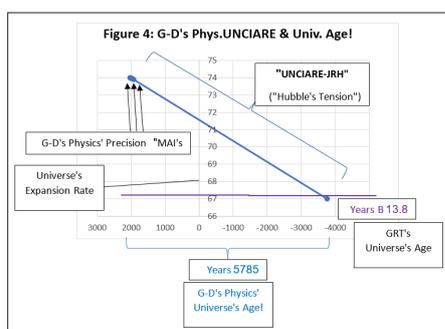
#### **"G-D's Physics" UNCIARE-JRH Precise & Longitudinal Measurements!**

Based upon "G-D's Physics" discovery of that singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which "simultaneously" computes all exhaustive spatial pixels in the universe, thereby producing an extremely rapid series of "Universal Frames" (UF's) of the entire physical universe (e.g., at every "minimal time-point" at the incredible rate of " $c^2/h$

$= 1.36^{-50}$  sec!) Another (novel) Theoretical Postulate of "G-D's Physics" New Scientific Paradigm is the "Collective Human Consciousness Focus" (CHCF) which stipulates that whenever there exists a large group of individual human-beings such as during the two days of the "Jewish Rosh Hashanah" (JRH) in which Millions of Jews (all around the world) focus on the singularity of this "UCP", then this brings about an "Universe's Non-Continuous Increase in Its Accelerated Rate of Expansion" (UNCIARE) – which can explain the (otherwise) "unexplained" gap that exists between the early Cosmological value of the universe's rate of expansion and the current (significantly increased) Astronomical rate of the universe's expansion, i.e., recently termed: the "Hubble's Tension"!

Hence, "G-D's Physics" alternative theoretical explanation for the accelerated rate of the universe's expansion is given through G-D's Physics "Universe's Non-Continuous Increase in its Accelerated Expansion" (UNCIARE), e.g., brought about by a "Collective Human Consciousness Focus" (CHCF), such as during the "Jewish Rosh Hashanah's" (JRH) two days special time-interval in which Millions of Jews (all over the world) focus upon this singular (higher-ordered) UCP! Hence, the accelerated expansion of the universe's expansion rate is brought about by the JRH-CHCF, which results in a predicted "UNCIARE-JRH" annual increase in the universe's expansion rate! (e.g., rather than is the result of the "purely hypothetical "Dark-Matter" [DM] concept – i.e., which is in fact negated by G-D'S Physics' NSP: a) because this purely hypothetical DM concept failed to be verified experimentally for the past two full decades?! And b) due to "G-D's Physics" newly discovered "Computational Duality Principle" [CDP] which principally negates its existence, based on a computational-empirical analysis! see below). This UNCIARE-JRH annual increase in the universe's expansion rate has been calculated to comprise a "\*Minute Annual Increase" (MAI) of  $0.000968 \text{ km s}^{-1} \text{ Mpc}^{-1}$  per year; This (novel) G-D's Physics unique "Critical Prediction" of the UNCIARE-JRH's increase of an MAI (e.g., annually) opens an entirely new "window of opportunity" for the validation of the G-D'S Physics NSP – as more valid than the Old MCR Paradigm (e.g., of GRT & QM), i.e., both through: a) "Precise" MAI (sensitive) annual Astronomical measurements "during" the JRH's two days' special time-interval; B) Based on "Longitudinal" Astronomical/ Cosmological measurements indicating a "cumulative" increase in the universe's expansion rate over any given "time-interval" (e.g., such as over the past 10, 50 or 100 years, or potentially much longer time-intervals, etc., as delineated below)!

Specifically, the significant increase in the universe's measured rate of expansion, i.e., from its (initial) Cosmological "Background Radiation" rate to its (current) "Astronomical" (significantly higher) rate of expansion – termed" the "Hubble's Tension"<sup>31-39</sup>; precisely supports G-D's Physics' assumed "Universe's Non-Continuous Increase in Its Accelerated Rate of Expansion" (UNCIARE-JRH) "Critical Prediction", as more valid than the Old MCR's (GRT's) "constant-expansion rate" corresponding prediction (see Figure 4):



**Figure 4:** G-D's Phys. UNCIARE & Univ. Age!

This is because, according to Old MCR's Paradigm's GRT "Big-Bang" Model, the universe's expansion rate should be "constant" – as caused by the assumed initial "Big-Bang" nuclear event (e.g., and two additional "Exceptional Expansive Events" (or factors, EEE's; as delineated below and previously). Specifically, the (purely hypothetical) "Dark Matter" [DM] concept, which is assumed by the Old MCR Paradigm to comprise up to 95% of all the mass in the universe (e.g., but which could not be detected experimentally for the past two decades despite numerous attempts to do so?) – could only account for such a "constant rate" of the universe's expansion, because the quantity of this purely hypothetical DM is (itself) "constant" (e.g., or may in fact "diminish" over time, hence leading to a deceleration of the universe's expansion rate...) Hence, according to the Old MCR's GRT Model of the universe, the universe has been created 13.8 Billion years ago, and since then its expansion rate should have been "constant" (i.e., as further delineated below through this MCR's assumed three purely hypothetical EEE's). In contrast, according to the G-D's Physics (novel) Scientific Paradigm, there exists a "Universe's non-Continuous Increase in its Accelerated Rate of Expansion" (UNCIARE), which is brought about through the JRH's (two days') "Collective Human Consciousness Focus" (CHCF) upon the singular (higher-ordered) "Universal Computational/Consciousness Principle" (UCP) which increases the universe's rate of expansion by a Minute Annual Increase (MAI) (i.e., of 0.000968 km s<sup>-1</sup> Mpc (during the JRH's two days' time-interval!) Hence, the existence of this (specific JRH associated) CHCF is seen as "critical" for the continuous (cumulative) increase in the universe's "accelerated" expansion rate, which also points at the G-D's Physics "Six Days Creation Model" (delineated previously) highlighting the centrality of this CHCF as a key (essential and necessary) factor for the empirically observed "UNCIARE" (e.g., otherwise "unexplained") increase in the universe's expansion rate! Consequently, the G-D's PHYSICS introduces an entirely different account of the universe's (stipulated) age (and "origin") of the physical universe, e.g., to be derived from the MAI's predicted (annual increase) in the universe's expansion rate: originated 5785 years ago!

Therefore, the current article provides initial (unequivocal) empirical support for the G-D's Physics UNCIARE's (unique) "Critical Prediction" regarding the (cumulative) MAI's increase in the universe's expansion rate – i.e., producing the otherwise ("unexplained") "Hubble's Tension"! This is (once again) because unlike GRT's "Big-Bang" Model which assumes a "constant" rate of the universe's expansion (e.g., and the universe's creation based on an initial "Big-Bang" nuclear event dated 13.8 Billion

years ago) – leading to an "unexplained" "Hubble's Tension" Enigma which cannot account for a significant increase in the universe's expansion rate over time; the (novel) G-D'S PHYSICS explains the universe's (continuous) "origination" by that (singular, higher-ordered) UCP, based on its continuous computation- "dissolution" "re-computation" and "evolution"- of every exhaustive spatial pixel (e.g., simultaneously), at an incredible rate of "c<sup>2</sup>/h" = 1.36<sup>-50</sup> sec<sup>-1</sup>! thereby leading to the UCP's production of an incredibly rapid series of "Universal Frames" (UF's) comprising the entire physical universe at every such "minimal time-point"! Indeed, according to this (entirely new) conception of the universe's (constant and continuous) "origination"- "dissolution"- "re-computation"- and "development"- by this singular (higher-ordered) UCP; and the (abovementioned) centrality of the human CHCF (e.g., during the JRH's two days' special time-interval), which brings about an annual "MAI" increase in the UCP's rate of the universe's expansion rate – leads to the G-D's Physics (clear and unique) "Critical Prediction" of "UNCIARE", which is empirically validated- by the (otherwise "unexplained" by the Old MCR's GRT "Big-Bang Model)! Indeed, it is due to the G-D's Physics centrality of the JRH (two days') CHCF (time-interval) – and specifically the MAI's (cumulative) increase in the universe's expansion rate (over time), that the G-D's Physics stipulated age of the physical universe is only 5785 (rather than the Big-Bang Model's stipulated 13.8 Billion years!

In order to further support this (novel) G-D's Physics UCP's CHCF (JRH's) model of the universe's UNCIARE increase (over time), we highlight its (conceptual computational) negation of the Old MCR's Big-Bang Model of a "constantly" expanding universe: According to the Old MCR Paradigm's GRT "Big-Bang" Model, the universe's current rate of expansion can be explained based on three "Exceptional Expansive Events" (or factors, EEE's): 1) Initial "Big-Bang" Event: the creation of the entire physical universe based on an initial nuclear event. 2) Cosmological Factor: exceptional ("unexplained") anti-gravitational effect that is causing the universe's constant-rate increase in its expansion rate. 3) Purely hypothetical ("unexplained") "Dark-Matter" Concept: that is assumed (somehow) to "cause" an increase in the universe's expansion!?! However, even beyond the (perplexing) failure of Astronomers to experimentally detect the actual existence of this (purely hypothetical) "Dark-Matter" concept (for the past twenty years!?) even from a theoretical standpoint, this (purely hypothetical) Dark Matter (DM) concept – could not account for an increase in the universe's expansion rate!?! This is because even if there existed such a (purely hypothetical) DM concept (or element) – assumed to (somehow) "push" the outer-galactic elements in the universe, it could only do so at a "constant-rate", e.g., because it's quantity cannot increase over time! This means that over time, the rate of the universe's expansion could only remain constant – or (much more likely) decrease!

In fact, the very (computational) structure of GRT's (three) "Exceptional Expansive Effects" (EEE's), e.g., (1) "Big-Bang" (BB) event; (2) "Cosmological Factor" (CF); (3) "Dark-Matter" (DM) – all share two (very important) characteristics:

- These three EEE's are based on the Old "Material-Causal Random" (MCR) Paradigm's basic "Self-Referential Computational System" (SRCS) structure; which has

been shown by the G-D's Physics "Computational Duality Principle" (CDP) to be "computationally flawed", i.e., lead to an inevitable "logical-inconsistency" and (ensuing) "computationally-indeterminacy", and are therefore negated by the CDP (as "invalid")!

- b) These three EEE's can only account for a "constant rate" of the universe's expansion (e.g., or more likely a "decreasing rate" of the universe's expansion) "over time" – but cannot account for an "increased rate" of the universe's expansion over time!?

Indeed, when we examine each of these three EEE's (e.g., individually), we can see that none of them can account for an "increasing rate" of the universe's expansion: a) The "Big-Bang" (initial) nuclear event cannot account for an increasing rate of the universe's expansion, since the initial "impetus" of the Big-Bang's nuclear explosion necessarily pushes the universe's outer galactic elements at a certain "constant" rate, (e.g., or more likely will decrease over time) but will not "increase" over time! b) The "Cosmological Constant" – despite it being "unexplainable": e.g., there is no "etiological" physical explanation for its repulsive effect, or the nature of such an effect; in any event such an "axiomatic repulsive effect" must also be "constant"! This is due to the fact that this "Cosmological Constant" has been defined as "constant"! c) "Dark-Matter" (DM): this purely hypothetical DM – despite the fact that it could not be detected experimentally (for the past twenty years, despite numerous attempts to do so!?) could only "push" those outer galactic regions in a "constant" (e.g., or more likely a "decreasing" rate) over time; this i.e., because, once again, unless this "DM" could somehow "increase in quantity" (over time), its effect could not "increase" over time!

Indeed, an examination of the SRCS Computational Structure of each of these three EEE's has revealed that they all share the same basic SRCS' (intrinsic) "computational flaw", which is exposed through the CDP – and points at the inevitable existence of a singular higher-ordered "Universal Computational Principle" (UCP), which according to the G-D'S PHYSICS (simultaneously) computes all exhaustive spatial points in the universe Paradigm at the "unfathomable" rate of  $c^2/h = 1.36-50$  (sec')!

### The "Computational Duality Principle" (CDP) Negation of the GRT's SRNCS Structure!

According to G-D's Physics' "Computational Duality Principle" Postulate, the basic "Computational Structure" of GRT's Old "Material-Causal" Paradigm, e.g., termed: a "Self-Referential Negative Computational System" (SRNCS) is "computationally flawed", i.e., it inevitably leads to both "logical-inconsistency" and ensuing "computational indeterminacy" – which are contradicted by GRT's Computational System's proven empirical capacity to determine the accelerated rate of the universe's expansion, thereby pointing at the singular higher-ordered UCP that simultaneously computes all exhaustive spatial pixels in the universe! Specifically, the GRT's SRNCS Computational Structure assumes that it is solely based on the direct physical interactions (di) between GRT's basic "Curved Space-Time" (due to the presence of certain "massive-objects") "Contractive-Stable Universe" [C-STMo : CSU], e.g., describing a universe that is fundamentally "contracting" or being "stable" (i.e.,

"constant"); and the three (abovementioned) EEE's "expulsive-effects", e.g.: BB, CF, and DM – all describing a (constant) "accelerated-expansion" of the universe produces such a SRNCS Computational Structure:

### GRT's SRNCS:

PR{[C-STMo : CSU], [EEE-BB, CF,DM]} → "Not C-STMo : CSU" / di ?!

Wherein it is assumed that GRT's fundamentally assumed "Contractive-Stable Universe" (e.g., due to the curvature of Space-Time by certain "massive objects") : [C-STMo : CSU] seems to both "exist" and "Not exist" at the same "di" computational level, e.g., constituting a basic "logical-inconsistency" and associated "computational indeterminacy" implying an (apparent) inability of such a SRNCS System to determine the "existence" or "non-existence" of this {[C-STMo : CSU]}! But, since empirically the universe is in fact expanding (at an accelerated rate!), e.g., "Not {[C-STMo : CSU]}"; therefore, according to the CDP there must exist a singular higher-ordered UCP that simultaneously computes all exhaustive spatial pixels comprising the entire physical universe (for each UF's at the rate of " $c^2/h = 1.36-50$  sec')!

### D. "UCP'S DYNAMIC EQUILIBRIUM MORAL PRINCIPLE (DEMP) & GEULAH-DIRECTED ORDERED-TIME"!

The "highest" facet of "G-D's Physics" GROUND BREAKING DISCOVERY of the UCP's: "Basic Computed Time", "UCP's UNCIARE-JRH'S MAI'S INCREASED "COMPUTED TIME" & UCP'S GLOBAL UNIVERSAL TIME - is shown to lead to the discovery of the "UCP'S DYNAMIC EQUILIBRIUM MORAL PRINCIPLE (DEMP) & GEULAH-DIRECTED ORDERED-TIME"!  
which refers to the UCP's Overall "Pre-planned Blueprint Geulah-Goal Directed" "origination", "sustenance", and "development" of the whole universe towards its "pre-planned Ultimate Perfected Geulah Goal State" of Humanity and the Universe! As outlined (and delineated previously) the UCP has "pre-planned" the whole development of the whole universe – from its "inanimate" matter" through "animate": plants, animals and human-beings towards the fulfilment of that "Ultimate Perfected Geulah Goal State" of Humanity (and the Universe) in which Humanity and Science will recognize the singularity of this higher-ordered "Universal Computational/Consciousness Principle" (UCP) which is also characterized by such "sublime" characteristics as: "Morality", "All-Goodness", "Peace" & "Harmony"; Hence, according to "G-D's Physics" New Twenty-First Century's Physics Paradigm that "Ultimate Geulah Perfected Goal State" of Humanity will be characterized with these characteristics characterizing Humanity's existence (and behavior) of "Morality", "Peace" and "Harmony"!

Hence, according to "G-D's Physics" New 21<sup>st</sup> Century's Physics Paradigm, the highest (overarching) facet of the UCP's "Time-Computation" is its "UCP'S DYNAMIC EQUILIBRIUM MORAL PRINCIPLE (DEMP) & GEULAH-DIRECTED ORDERED-TIME"!  
which refers to the overall "pre-planned Blueprint" of the UCP's planning- sustenance- and development- of the entire physical universe, e.g., from its (initial) "inanimate" matter, through "animate": plants, animals and human-beings

– all leading to the "Ultimate Perfected Geulah Goal State" of Humanity and the Universe! Associated with this UCP's (continuous and constant) "steering" of Humanity (and the Universe) towards that "Ultimate Perfected Geulah Goal State" is the (previously outlined) UCP's "Dynamic-Equilibrium Moral Principle" (DEMP) – which essentially points at the UCP (intrinsic) Moral Principle which aims to "balance" and "correct" any "moral-imbalance" (and also "remunerate" and "reward" any "moral choice!"); according to this DEMP, the UCP is characterized by "Oneness", "All-Goodness", "Morality", "Peace" & "Harmony"! therefore its DEMP aims to "balance" and "correct" any "immoral-action" (e.g., of one "individual human-being" ("G-d forbid") inflicting "pain" or "suffering" upon another individual human-being – such an "immoral action" must be "balance" or "corrected" by this singular higher-ordered UCP, by computing one of "multiple possible future/s" (e.g., which are "stored" in the "Multi Spatial Temporal Reservoir"). Indeed, in order to fully comprehend the depth of this UCP's DEMP, below is outlined the (broader) UCP's Ten Hierarchical Computational Dimensions with which this singular UCP continuously computes and develops the whole universe (e.g., and every exhaustive spatial pixel within it) towards the fulfillment of that ("pre-planned") "Ultimate Perfected Geulah Goal State" of Humanity and the Universe!

### The UCP's Ten Hierarchical Computational Dimensions (THCD's):

#### 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 Computational 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 " 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 Goal" Hierarchical Computational Dimension ("Daat"/"תעד"):

The UCR's fourth Hierarchical Computational Dimension is termed: the "Reversed-Time 'Geulah ' 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 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" (תעד) 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 Goal"! Indeed, this fourth Hierarchical Computational "Reversed-Time Geulah 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 -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 -Goal" of Humanity (and Science)! Hence, the fourth "Reversed-Time Geulah Goal" Hierarchical Computational Dimension ("Daat"/ תעד) 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 Goal State", and it is computed and "corrected" to reach this Perfected "Geulah -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 ("דסח"/ Chessed):**

this "Dynamic-Equilibrium Moral Principle" relates to the actual execution of the UCR's fourth "Reversed-Time Geulah -Goal" Hierarchical Computational Dimension, i.e., based on a Compassionate ("Chessed/דסח) 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 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 " 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 ("Gevorah"/הרובג):**

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 -Goal" State aimed for by the singular higher-ordered UCR reality!

6) **The UCR's "Collective Human Consciousness Focus" Hierarchical Computational Dimension ("תראפת"/"Tiferet"):**

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 21<sup>st</sup> 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. 7<sup>th</sup> & 8<sup>th</sup> , 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 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 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-Hashanah" 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 21<sup>st</sup> 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 20<sup>th</sup> century Physics! The Jewish Chassidic-Kabballah symbol given to this sixth "Collective Human Consciousness Hierarchical Computational Dimension" is "תרפאת/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" ("הצני"/"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 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-Kabballah symbol of "הצני" "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 Goal Hierarchical Computational Dimension", which represents the "Eternal" or Ultimate "Geulah -State" of the world.

- 8) **The "Teshuva" (התשובה) / "דירה" "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" ("הצני"/"Netzach"/"Eternal" – wherein if any individual person choses 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" ("הצני"/"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-Kabballah term of "דירה"/"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 -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 "דוס" / "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 "דוס" / "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 -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 -Goal" Perfected State of the world and the universe! This includes the full integration of the previous (ninth) "דוס" / "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!

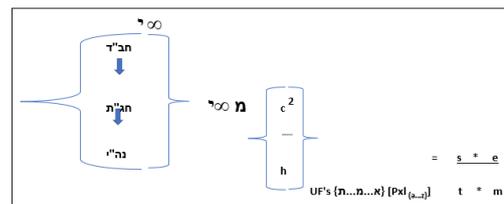


Figure 5: THE TEN HIERARCHICAL DIMENSIONS' UNIVERSAL COMPUTATIONAL FORMULA (THD-UCF):

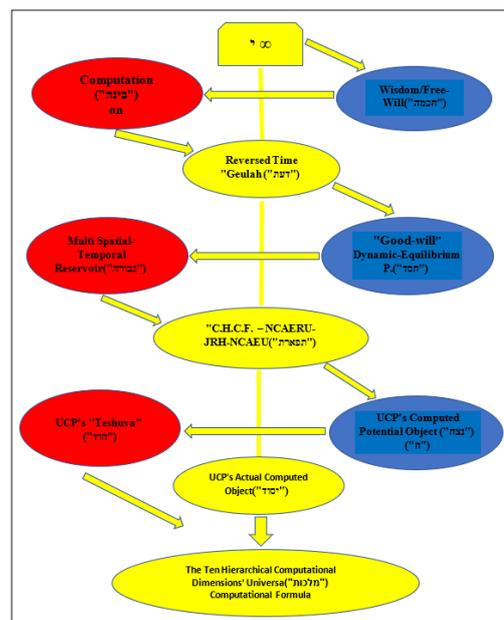


Figure 6: The "UCR's Ten Hierarchical Computational Dimensions" Diagram

**G-D's Physics' "UCP's Reversed-Time Geulah Directed Universe"!**

So, we can begin realizing that – not only the universe does not exist as an "objective independent physical reality", but rather only as a "transient-phenomenal manifestation" of that singular higher-ordered UCR! Moreover, we realize that the manner in which this singular higher-ordered UCR computes- "dissolves"-re-computes- and develops- every exhaustive spatial pixel of the universe ("simultaneously", many "trillions" of times per second:  $c^2/h = 1.36 \cdot 10^{50}$  sec!) is "guided" by this UCP's (e.g., UCR's) THCD's that are all geared towards advancing Humanity and the

entire physical Universe: from its initial "inanimate", "animate": plants, animals, and human-beings – towards the fulfillment of the "Ultimate Perfected Geulah Goal State", in which Humanity will realize the singularity of that "Universal Consciousness Reality" (UCR), alongside its intrinsic "sublime" characteristics of "All-Goodness", "Morality", "Peace" & "Harmony" (e.g., which will therefore also characterize Humanity's existence and behavior)!

Viewed from this new (higher, more exhaustive) perspective of this New "G-D's Physics" Scientific Paradigm, a series of additional (profound) associated Theoretical Postulates have been discovered, including: c) The "Reversed-Time Geulah Goal" Postulate: hypothesizing that since there cannot exist any "material-causal" physical interaction/s between any two (or more) exhaustive spatial pixels existing in the same- or different-UF's frame/s, the only manner in which this series of UF's frames (comprising the entire physical universe) could "evolve" is based on this singular higher-ordered UCP's "pre-planning" of the entire evolution- (or manifestation-) of the whole universe from "inanimate matter" through "animate": "plants, animals and human-beings from the "Ultimate Perfected Geulah State" "backwards", i.e., based on the UCP's "pre-planning" of the whole evolution of all "inanimate" and "animate" forms leading up to this "Ultimate Perfected Geulah State"! A Metaphor regarding "King Solomon's" build-up of the Divine Temple was utilized to explain this "Reversed-Time Geulah Goal" Postulate: that is, in the same way that King Solomon must have received a completed "Perfected Blue-Print Plan" of the "Ultimate Completed Temple State" (e.g., and all of the necessary "steps" required to reach this "Ultimate Completed Temple State" – prior to his various builders starting to construct this immaculate Divine Temple, so it is postulated that the UCP/UCR must have "pre-planned" the whole evolution of the entire physical universe from its initial "inanimate matter", "animate": plants, animals and human-beings from the "Ultimate Perfected Geulah State" "backwards" – through the entire evolution from "inanimate" matter through "animate": plants, animals and human-beings, ultimately leading to that "Ultimate Perfected Geulah State", i.e., in which Science and the whole of Humanity will recognize the singular existence of this higher-ordered UCR, alongside the recognition of its basic characteristics of "All-Goodness", "Morality", "Peace" and "Harmony" etc. (previously delineated).

Therefore, we see that the UCP's computation of "Time" comprises four "facets" of computation (e.g., from its "lowest-basic" UCP's Basic Computed Time" to the "highest-overarching" "DEMP & Geulah-Directed Ordered-Time"!):

- A. The UCP'S "BASIC COMPUTED TIME":
- B. The "UCP'S UNCIARE-JRH'S MA'S INCREASED "COMPUTED TIME":
- C. THE UCP'S GLOBAL UNIVERSAL TIME:
- D. "UCP'S DYNAMIC EQUILIBRIUM MORAL PRINCIPLE (DEMP) & GEULAH-DIRECTED ORDERED-TIME"!

#### Dedication

This article is dedicated to the Lubavitcher Rabbi's wife, Reb. CHAYA MUSHKA on her passing date (22<sup>nd</sup> of Shevat Month).

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