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## G-D's Physics New "UNCIARE-JRH's AMI Universal Computational Formula" Defies the "Laws of Conservation" &amp; the "Big-Bang Model"!

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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; Hence, "G-D's Physics" is accepted as the New Twenty-First Century's valid Physics Paradigm! Consequently, "G-D's Physics' New Scientific Paradigm predicts a (novel) "Critical Prediction" regarding the "Universe's Non-Continuous Increase in its Accelerated Rate of Expansion" (UNCIARE) at the "Jewish Rosh-Hashanah" (JRH's two days of "Collective Human Consciousness Focus", CHCF) by a "Minute Annual Increase" (MAI) of 0.000968 km s<sup>-1</sup> Mpc in the rate of the universe's expansion! Which yields a "New UNCIARE-JRH AMI Universal Computational Formula (UCF)" – that predicts an AMI's increase in each of the Four (basic) Physical Features (of "space", "energy", "mass" and "time")! Surprisingly, this New UNCIARE-JRH AMI UCF is shown to defy the Old MCR's "Energy-Mass Equivalence" and (even basic) "Laws of Conservation"! It is also shown to negate GRT's "Big-Bang" Model and challenges its stipulated age of the universe as 13.8 Billion years – i.e., instead evincing that the true age of the universe according to "G-D's Physics" New 21<sup>st</sup> Century's Physics Paradigm is a mere 5686 years! 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".
- 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"

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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 dynMAIs 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, dynMAIs 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 [2-6]

Hence, we've seen that the evolution of Science involves an increasingly growing series of apparently "different" (e.g., "variant") phenomena (and laws) – that are being unified based on the discovery of a deeper underlying "invariant-unifying" "principle" or "reality": for instance, Einstein's (seminal) General Relativity Theory (GRT) succeeded unifying between "Space" and "Time" as a Four Dimensional "Space-Time" Continuum, as well as between "Energy" and "Mass" based on Einstein's famous discovery of GRT's "Energy-Mass Equivalence"! In fact, Einstein's "historic-quest" precisely aimed as such a (most generalized) "Unifying Field Theory" that could completely unify between those two "unified pairs": e.g., "Space-Time" & "Energy-Mass" (as well as resolve the basic "theoretical-

inconsistency" between GRT-QM, and unify the three Forces (Electromagnetic, Weak and Strong nuclear Forces and the Gravity)!

Fortunately (e.g., or rather through "Personal Providence"! ), "G-D's Physics" New (empirically validated) Twenty-First Century's Physics Paradigm is shown capable of completely unifying (for the first time in Physics!) the Four basic Physical Features of "space", "time", "energy" and "mass" – within a singular (higher-ordered) "Universal Computational Formula" (UCF), as well as between the "Four Forces"! In fact (as will be shown below) "G-D's Physics" is shown capable of explaining (e.g., replicating and even predicting further yet "undiscovered") all "elementary particles" based on its discovery of a (novel) "Computational Table" that can be derived from the precise relationships between the UCP's computed values of these Four (basic) Physical Features (e.g., of "space", "time", "energy" and "mass" – see below)! [7-9].

Intriguingly, one of the Intriguingly, one of the most profound (novel) Theoretical Postulates of "G-D's Physics" New Physics Paradigm is called: the "Computational Invariance Principle", which reasons that since there exists a singular higher-ordered "Universal Computational Principle" (e.g., discovered through this New "G-D's Physics" Physics Paradigm) that simultaneously computes all exhaustive spatial pixels in the universe (e.g., including their four corresponding Physical Features' values of "space", "time", "energy" and "mass") at an "unfathomable" rate of " $c^2/h = 1.36^{-50}$  sec"! producing an extremely rapid series of "Universal Frames" (UF's) comprising the entire physical universe at every such "minimal time-point"! And since all of these exhaustive spatial pixels "dissolving" back into the singularity of this (singular higher-ordered) "UCP"; therefore only this singular (higher-ordered) UCP may be regarded as "computationally-invariant" – i.e., existing "constantly, uniformly and consistently" both "during" its computation of all exhaustive spatial pixels' (four Physical Features), as well as "in-between" any two such consecutive UF's frames (in which all of the universe's exhaustive spatial pixels "cease to exist" and "dissolve" back into the singularity of this UCP!?) Whereas those Four (basic) Physical Features (of all exhaustive spatial pixels comprising the entire physical universe!) – may only be regarded as "computationally-variant", i.e., existing only "temporally" and "phenomenally" as being computed (solely) by this singular (higher-ordered) UCP "during" each consecutive UF's frame/s, but "ceasing to exist" and "dissolving back" into the singularity of this UCP! Indeed, this (extremely) profound "Computational-Invariance Principle" leads to its associated (also extremely profound) "Universal Consciousness Reality", e.g., essentially stating that since only this singular (higher-ordered) "Universal Consciousness Reality" (UCR) may be regarded as "computationally-invariant" (existing "constantly, uniformly and consistently" both "during" the UCP's computation of every consecutive UF's frame/s, as well as existing "solely" without the presence of any physical universe "in-between" any two consecutive UF's frame/s!); whereas the entire physical universe (e.g., and all of its comprising exhaustive spatial pixels' corresponding four Physical Features) may only be regarded as being "computationally-variant": existing only "transiently" and "phenomenally" "during the UCP's computation of every consecutive UF's frame/s, but "ceasing to exist" and "dissolving

back" into the singularity of this UCP "in-between" any two such consecutive UF's frame/s; Therefore, there truly exist only one singular "Universal Consciousness Reality" (UCR) – which exists ("uniformly", "consistently" and "constantly"), both when this (singular) UCP computes every consecutive UF's frame/s (exhaustive spatial pixel's four Physical Features), thereby manifesting as the entire Physical Universe! As well as, "solely exists" (e.g., without the presence of any physical universe) "in-between" any two (such) consecutive UF's frame/s! [10].

In other words, "G-D's Physics" New Twenty-First Century's Physics Paradigm's (newly discovered) "Computational Invariance Principle" and associated "Universal Consciousness Reality" completely alter our basic understanding of the "true reality" underlying the entire physical universe! According to these (extremely profound "G-D's Physics") "Theoretical Postulates", the entire physical universe is seen (for the first time in Science!) as only representing a "transient-phenomenal manifestation" of this singular (higher-ordered) "Universal Consciousness Reality" (UCR) which exists only "transiently" and "phenomenally" "during" this UCP's/UCR's computation of every consecutive UF's frame (e.g., of the universe) – but which "dissolves back" into the singularity of this UCR's "in-between" any two (such) consecutive UF's frame/s, in which this UCR continues to exist but without the presence of any physical universe! Hence, only this singular "computationally-invariant" UCR/UCP truly exists, whereas the entire physical universe (e.g., and its Four Physical Features, Four Forces and all of its exhaustive spatial pixels etc.) may only be seen (and regarded) as "transient-phenomenal manifestations" of this singular (higher-ordered) "Universal Consciousness Reality" (UCR)! In this deep (and profound) sense, "G-D's Physics" not only unifies (for the first time in Physics!) between the Four basic Physical Features, Four Forces (e.g., as well as resolves- and unifies- between GRT & QM – as "special-cases" within "G-D's Physics" newly discovered "Universal Computational Formula"! Even more significantly, it completely metamorphosizes our basic understanding of the "true-reality" underlying our entire physical universe – which is no other than this singular (higher-ordered) "Universal Consciousness Reality" (UCR)!

#### 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"!

A "Critical test case" for validating the New Twenty-First Century's "G-D's Physics" – as opposed to the Old "Material-Causal Random" (MCR) Paradigm underlying (Twentieth century's Old "Standard Model's) GRT & QM is to find at least one (specific) "unique" "Critical Prediction/s of the New "G-D's Physics" Paradigm that negates- or contradicts- the corresponding prediction/s of the Old MCR's GRT's or QM's! To the extent that such a (direct) empirical validation can be tested- and verified- e.g., as more valid or accurate than the predictions of the Old MCR's GRT and QM's predictions; then this would offer an ("unequivocal") validation of this New "G-D's Physics" Scientific Paradigm as the New Twenty-First Century's Physics Paradigm!

This is precisely what occurred when Eddington empirically verified such a (unique) "Critical Prediction" of Einstein's GRT – regarding Mercury's "double-valued" "Mercury's perihelion pathway" around the Sun (during the 1919 Solar Eclipse)! Once Eddington was able to empirically demonstrate that Einstein's (GRT's) "double-valued perihelion pathway" of Mercury (around the sun) was 1.6 ARC, as opposed to the "0.8 Arc predicted by the Old "Standard Model" of Newtonian 'Classical Mechanics – pretty much "instantaneously" Einstein's New GRT Model was accepted as the "New Physics Paradigm" for Twentieth Century's Theoretical Physics!

Interestingly, we now stand at a (precisely equivalent) "historic tuning-point" along the development of Twenty-First Century's Theoretical Physics! This is because, it becomes clear that the Old (Twentieth Century's) MCR Paradigm of GRT & QM is undergoing a basic "Paradigmatic-Shift" towards the New "G-D's Physics" "A-Causal Computation" Scientific Paradigm – based on clear and direct empirical evidence indicating that at least two unique "Critical Predictions" of this New "G-D's Physics" are found to be more valid (and accurate) than the corresponding predictions of the Old MCR's GRT & QM predictions!



## 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. 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?! [27-29].

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 [17]:

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

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). [18].

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**!?) [18-20].

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>32-334-40</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 "Muonic-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", interactions between gravity and the weak force, or a flavour-dependent interaction, higher dimension gravity<sup>48</sup>, a new boson, 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)! [47-59].

## 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 " $c^2/h$ " =  $1.36 \times 10^{50}$  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:  $f_j\{x,y,z\} [UF(n) \leq f_i\{x+(h*n), y+(h*n), z+(h*n)\} [UF's (i\dots n)]$

where the "space" measure of a given object (or event) is computed based on a "Frame-consistent" computation that adds the specific UF's (x,y,z) localization across a series of UF's [i...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:  $f_j\{x,y,z\} [UF(n) > f_i\{x+(h*n), y+(h*n), z+(h*n)\} [UF's (i\dots n)]$

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

### 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"

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

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:

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

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 [19].

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!") 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! [10].

**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, cannot 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"! [30].

#### "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 Jews (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") [8].

### **"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)!

$$\left\{ \begin{array}{c} c^2 \\ h \end{array} \right\} = s * e$$

UF's {n...n...X} [Px] (a...z)      t \* m

**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".

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")!

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) [21].

### 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: [31]

#### "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:

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

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 [10].

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:

$$\left\{ \begin{array}{l} E * s \\ t \end{array} \right\} = \left\{ \begin{array}{l} M * c^2 \\ h \end{array} \right\}$$

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

#### The UCF's Quantum Format:

$$\left\{ \begin{array}{l} t * m \\ s * e * h * \\ c^2 \end{array} \right\}$$

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 " $c^2/h = 1.36^{-50}$  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<sup>2</sup>") 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 "dynMAIs" 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!

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

UF's {n...n...N} [PxI (a...z)]

**Figure 2:** The New "Unciare-Jrh – Mai's 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 " ך " 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")!

The manner in which this "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" defies the Old MCR's "Laws of Conservation" is derived from the fact that this "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF"

suggests that each of those Four (basic) Features undergoes an MAI's increase at each (subsequent) JUNCARE-JRH's (two days of "Collective Human Consciousness Focus" [CHCF])! This implies that if we (precisely) measure (for instance) 1 gram of Metal during this Jewish Year (e.g., from Sep. ??? till ???); and we then put it aside this 1 gram – in order to measure it (once again) during the next JRH's (two days of CHCF): in which according to the above mentioned "G-D's Physics" "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" this 1 gram (of Metal) is predicted to increase its "mass" value (e.g., as well as its three other Physical Features of "space", "energy" and "time") by an MAI value!:

$$1\text{gr} * 1.000968 \text{ km s}^{-1} \text{ Mpc} = 1.000968 \text{ km s}^{-1} \text{ Mpc}$$

This implies that the Old MCR's "Law of Mass Conservation" is "violated", ("negated" and "defied"!): since we have a situation in which 1 gram of Metal – turns into more than 1 gram (e.g.,  $1.000968 \text{ km s}^{-1} \text{ Mpc}$ ), with no physical interaction taking place to affect this change (increase) in its mass!

Likewise, this "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" is also shown to "defy" and "negate" the Old MCR's "Law of Energy Conservation"! This is because if we take a similar case in which we employ Einstein's (famous) GRT's "Energy-Mass Equivalence" ( $E = Mc^2$ ), we could see that the same "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" – defies both GRT's "Energy-Mass Equivalence" Principle, as well as the "Law of Energy Conservation"!

This is because, if we apply this  $E=Mc^2$  ('Energy-Mass Equivalence Principle'), for instance, to 1 gram of Uranium – "during" this Jewish Year (e.g., which begun on Sep. 23<sup>rd</sup> -24<sup>th</sup>, 2025) it should yield an "energy" value of:

$$1\text{gr} * c^2 = (299, 792, 458) \text{ mt/sec}^2 = 8.98755179\text{E} +16.$$

But, if we set aside (at the same time during this Jewish Year) another 1 gram of Uranium – and decide to make the measurement of its "Energy-Mass Equivalence" ( $E = Mc^2$ ), but later on during the next JRH's (two days): 12-13 Sep. 2026 (and onwards during the entire next Jewish Year): then the same 1 gram that we set aside (during this year) would increase its mass by the MAI value (!) and is predicted to yield:

$$1\text{gr} * 1.000968 \text{ km s}^{-1} \text{ Mpc} = 1.000968 \text{ km s}^{-1} \text{ Mpc}$$

Therefore, when we will take this "increased mass 1 gr" of Uranium (taken from this year's sampling of 1gr) – which is predicted to increase its (precisely measured) mass to  $1.000968 \text{ km s}^{-1} \text{ Mpc gr}$ ; and measure its produced Energy value (beginning from Next JRH's (12-13 Sep. 2026) we would get a significantly increased Energy value (given by):

$$1.000968 \text{ km s}^{-1} \text{ Mpc} * 8.98755179\text{E} +16 = 8.99625174\text{E}+16!$$

To the extent that these "G-D's Physics" "UNCIARE-JRH's -MAI Increased  $E = Mc^2$ " will be validated empirically then this "challenges"- and (in fact) "defies"- GRT's Energy-Mass Equivalence strict prediction!

This is because according to Einstein's GRT's "Energy-Mass Equivalence" Equation ( $E = Mc^2$ ):

$$1\text{gr} * c^2 = (299, 792, 458) \text{ mt/sec}^2 = 8.98755179\text{E} +16.$$

And NOT **8.99625174E+16!**

But, if (in fact) if this (precise) higher-value of the same gram of Uranium (i.e., taken from this Jewish Year's measurement – and experimented with during the next JRH's two days: 12-13 Sep. 2026) would validate "G-D's Physics" "UNCIARE-JRH's MAI Increased (mass) value; and subsequently also yield the predicted increased **8.99625174E+16! Energy Value, but NOT GRT's (standard " $E=Mc^2$ " 8.98755179E +16) – then this would validate "G-D's Physics" as the New Physics Paradigm for the Twenty-First Century!**

In fact, what we see is that "Energy-Mass Equivalence" which forms one of the fundamental bases for GRT – is challenged and negated, based on "G-D's Physics" discovery of the "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF", indicating that:

- A. The "Energy-Mass Equivalence" represents a "Special-Case" within the "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF"!

In other words, GRT's "Energy-Mass Equivalence" holds true only when it is applied to a given ("special case") of a particular UNCIARE-JRH AMI (given) Jewish Year's specific value! But, once we realize that this given UNCIARE-JRH's AMI value (e.g., pertaining to the specific mass and energy values of a given Jewish Year) – that would undergo (an inevitable) UNCIARE-JRH's AMI's Increase in its "Mass" and "Energy" values in the subsequent year, then we realize that this "Energy-Mass Equivalence" would hold true only for any given Jewish Year's (increased) UNCIARE-JRH's AMI's value/s. In other words, Einstein's "Energy-Mass Equivalence" is seen only as a "special-case" within "G-D's Physics" "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF"! (interestingly, this "Energy-Mass Equivalence" becoming a "special-case" within the broader new theoretical framework of "G-D's Physics" "UNCIARE-JRH's AMI's UCF" – precisely confirms Einstein's own "reflection"; e.g., when he was asked after the acceptance of GRT as the New Scientific Paradigm for Twentieth Century's Physics: "what (does he think) would be the 'fate' of his GRT in '100 years' – would it still hold 'true'?! Einstein (in his great 'humbleness' and 'sincerity' replies): "I do not believe that my GRT would still be the prevailing scientific theory in 100 years, I just hope that it will become a 'special-case' within a broader theoretical understanding!" which is precisely how this New (empirically validated) Twenty-first Century's "G-D's Physics" Paradigm depicts Einstein's GRT's "Energy-Mass Equivalence" as a "special-case" within the broader "UNCIARE-JRH's AMI's UCF" theoretical framework!?)

- B. This "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" Completely Unifies between those Four (basic) Physical Features (for the first time in Physics!) Based upon "G-D's Physics" discovery of that singular (higher-ordered) "Universal Computational/Consciousness



Principle's" (UCP's) "simultaneous" computation of all exhaustive spatial pixels' (in the universe) Four (basic) Physical Features (e.g., of "space", "energy", "mass" and "time"), which produces an extremely rapid series (i.e., " $c^2/h = 1.36^{50}$  sec") of "Universal Frames" [UF's] comprising the entire physical universe at every "minimal time-point"; and the accompanying UCP's (novel) Computational Definitions of each of these Four Physical Features – i.e., as being derived from the UCP's computation of two (out of three) "Computational Dimensions": "Framework" ("frame" vs. "object") and "Consistency" ("consistent" vs. "inconsistent") (as outlined above);

We see that (in fact) this "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" allows for the Complete Unification of those Four Physical Features – for the first time in Physics! (Einstein's GRT was only capable of unifying between those "pairs" of "Energy-Mass" (Equivalence) and "Space-Time" (Four-Dimensional Continuum, but wasn't able to unify and integrate all of those Four Physical Features!) We also see that this "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" allows us to depict key Relativistic and Quantum Laws and relationships as "special-cases" within this broader "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" theoretical framework!

### **The "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" Negates GRT's "Big-Bang Model"!**

This is because contrary to GRT's "Big-Bang Model", which assumes that the entire physical universe was produced by an (initial) nuclear "Big-Bang" event that produced all of the suns, galaxies, planets, energy and mass in the universe, which is assumed to have occurred roughly 13.8 Billion years ago; "G-D's Physics" New Twenty-First Century's Scientific Paradigm, i.e., whose two (unique) "Critical Predictions" were empirically validated as being more accurate than the corresponding predictions of both GRT & QM; negates that very possibility of the existence of any (direct or even indirect) "material-causal" physical interaction/s between any two (or more) exhaustive spatial pixels existing either in the same- or even different UF's frame/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 of these exhaustive spatial pixels back into the singularity of the UCP "in-between" any two such consecutive UF's frame/s)!

Moreover, when we closely examine the "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" New UCP's Universal Computational Formula (UCF), we can see that (in fact) the entire physical universe "dissolves"- and is being "re-computed"- at the "unfathomable rapid rate" of " $c^2/h = 1.36^{50}$  sec"! This means that the universe's "continuous" - "origination"- "dissolution"- "re-computation" and ongoing "development"- cannot be explained based on an initially (assumed) "Big-Bang" nuclear explosion!? Nor can its ("unexplained") "accelerated rate of expansion" be accounted for by the (purely hypothetical) "dark-matter" concept (e.g., which is assumed to comprise up to 95% of all the mass in the universe but failed to be detected experimentally for the past two full decades, despite numerous attempts to do so?!) This is simply because according to the

empirically validated New (Twenty-First Century's) "G-D's Physics" "A-Causal Computation" Scientific Paradigm the whole universe is continuously being "computed"- (e.g., created) "dissolved"- "re-computed"- and "developed"- by this singular higher-ordered "UCP" – "simultaneously" (for every consecutive UF's frame/s, so there cannot exist any "material-causal" physical interaction/s between any two or more exhaustive spatial pixels in any single or multiple frame/s. thereby negating the very possibility of the creation of the physical universe by an initial "Big-Bang" nuclear event; nor the purely hypothetical "Dark-Matter" concept "causing" the outer-galactic elements to accelerate their expansion?!)

Furthermore, the potentially far-reaching theoretical implications of this "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" is that it allows for a direct empirical validation of the rate at which the universe's expansion is increased at each subsequent JRH-UNCIARE, i.e., by a precise MAI value – which (surprisingly) increases ("simultaneously") all Four Physical Features (by this singular UCP for all exhaustive spatial pixels in the universe)! This "Minimal Annual Increase" (MAI) occurs at every subsequent JRH's (two days of Collective Human Consciousness Focus" [CHCF]), which is also directly tied with "G-D's Physics" stipulated true age of the universe which is 5786 years, rather than approximately 13.8 Billion years!? The amazing aspect of this "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" discovery by "G-D's Physics" is that it allows for an "objective" "testable" "predicted" measure of the universe's true age! (5786 years, closely tied with the necessitated CHCF being present from the very origination of the entire physical universe, see below).

It should be noted that (in stark contrast) to GRT's stipulation of the initially assumed "Big-Bang" nuclear event (e.g., assumed to have occurred approx.. 13.8 Billion years ago) – that cannot be tested- or verified experimentally based on the stipulation of GRT itself – that "no signal can travel faster than the Speed of Light" (e.g., the "Speed of Light Barrier", SLB)!? This means that, in principle, there cannot exist any experimental set up – that would allow us to "capture" any light signal from that (purely hypothetically assumed initial) "Big-Bang" nuclear event?! Hence, the "Big-Bang" Model cannot be verified experimentally!

In (stark) contrast, "G-D's Physics" "New UNCIARE-JRH's AMI's Increased Four Physical Features' UCF" can be tested experimentally, since it is tied with "G-D's Physics" UNCIARE-JRH's AMI " Critical Prediction: which predicts a precise increase of  $1.000968 \text{ km s}^{-1} \text{ Mpc}$  in the universe's expansion rate that was predicted to occur during the (last) JRH's two days (22-23 Oct. 2025), with another such AMI's increase of  $1.000968 \text{ km s}^{-1} \text{ Mpc}$  during the next JRH (12-13 Sep. 2026) To the extent that this specific "UNCIARE-JRH's AMI " Critical Prediction" is validated empirically, then this will provide an unequivocal verification for "G-D's Physics" stipulated true age of the universe, i.e., 5786 years, rather than the 13.8 Billion years (completely "hypothetical" and in principle "untestable" age of the universe) assumed by GRT!? This is because the precise MAI value is derived based on the calculation of the (otherwise "unexplained") "Hubble's-Tension" gap between

"early Cosmological" (i.e., 67 Kilometers per second per megaparsec) and "late-Astronomical" (74 kilometers per second per megaparsec) measures of the universe's expansion rate – which yields a gap of 7 kilometers per second per megaparsec; when this "Hubble's-Tension" gap is divided by 5786 (years) we obtain this precise "MAI" value of  $1.000968 \text{ km s}^{-1} \text{ Mpc}$ ! Therefore, to the extent that "G-D's Physics" MAI increase (of  $1.000968 \text{ km s}^{-1} \text{ Mpc}$ ) occurring at the JRH (each year) is empirically validated, then this would (unequivocally) point at "G-D's Physics" asserted "true age" of the universe of 5786 years!

### G-D's Physics' Novell Computational Definition of the "Gravitational Force" Metamorphosizes "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":

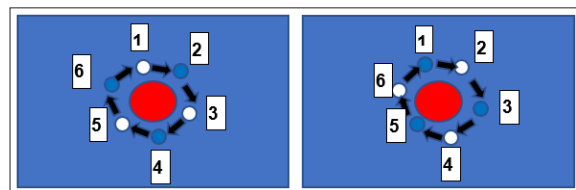
$M: [O_i\{x,y,z\}UF's(i)] - On\{x,y,z\}UF's(i...n)] \leq n * h [\{UF's(i...n)]$

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.

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 characterizes 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 1) 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"!

However, 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")!

### 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 " $c2/h = 1.36\text{-}50 \text{ sec}^{-1}$ ") 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):

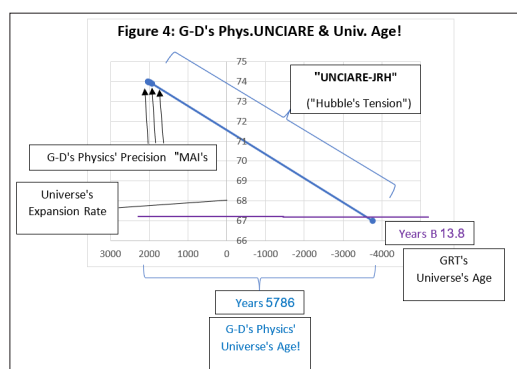


Figure 4: G-D's Phys.UNCIARE & Univ. Age!

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  $0.000968 \text{ km s}^{-1} \text{ Mpc}^{-1}$  (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  $c^2/h = 1.36^{-50} \text{ sec}^{-1}$  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 its 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" event; (2) "Cosmological Factor"; (3) "Dark-Matter" – 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")!
- 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  $c2/h = 1.36 \cdot 10^{10}$  (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, CC, and DE – all describing a (constant) "accelerated-expansion" of the universe produces such a SRNCS Computational Structure:

#### **GRT's SRNCS:**

$PR\{[C-STMo : CSU], [EEE-BB, CC, DE/DM]\} \rightarrow \text{"Not } C-STMo : CSU" / di ?!$

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 " $c^2/h = 1.36^{-50} \text{ sec}!$ ")

Another indication of "G-D's Physics" New Twenty-First Century's "A-Causal Computation" Physics Paradigm's (principle) negation of the "Big-Bang" Model comes from the current article's empirical validation of the "Proton-Radius Puzzle" findings' validation of "G-D's Physics" Critical Prediction! This is because (as shown above) "G-D's Physics" "Proton-Radius Puzzle" (findings') "Critical Prediction" is explained based on "G-D's Physics" (novel) UCP's computational definition of the "mass" of any given particle (e.g., as "Object-consistent" UCP's computation etc.); The (relatively) "more massive" "Muon" particle is therefore predicted to be computed (e.g., by the UCP) as more "spatially-consistent" than (its corresponding computation) of the (relatively) "less-massive" "electron" particle; thereby leading to the corresponding measurement of the Proton Radius of a Hydrogen Atom – as more "spatially-consistent" (e.g., possessing a "smaller radius" and possessing "more accurate subatomic measurements"), when conjoined with the ("spatially-consistent Muon"); as opposed to that (same) "Hydrogen Proton", when merely encircled by the (less-massive) electron particle! Indeed, the current article's (direct) empirical validation of "G-D's Physics" (unique) "Proton-Radius Puzzle" findings "Critical Prediction" offers a clear support for "G-D's Physics" postulated UCP's "simultaneous computation" of all exhaustive spatial pixels in the universe – at the (extremely rapid) rate of " $c^2/h = 1.36^{-50} \text{ sec}!$ " This implies that the whole universe (e.g., and all of its multifarious comprising exhaustive spatial pixels) are being "computed"- (simultaneously!) "dissolved"- "re-computed" and "developed"- by this singular higher-ordered UCP for every consecutive UF's frame/s! Hence, there could not have existed GRT's (completely hypothetical) "initial Big-Bang" nuclear event, e.g., which is assumed to have "caused" the creation of all the "suns", "galaxies", "mass" and "energy" in the entire physical universe; nor could the universe's accelerated expansion be explained by the (purely hypothetical "Dark-Matter" concept assumed to comprise up to 95% of all the mass in the universe, but which failed to be detected for the past two full decades despite numerous experimental attempts to do so!); This is because, based on "G-D's Physics" empirically validated "Proton-Radius Puzzle's findings" (unique) "Critical Prediction", indicating that the entire physical universe is being "computed"- "dissolved"- "re-computed" and "developed"- (at the incredible rate of " $c^2/h = 1.36^{-50} \text{ sec}!$ ") by this singular (higher-ordered) UCP, then this means that not only there could not have existed any such (purely hypothetical) "material-causal" (initially assumed) "Big-Bang" nuclear explosion (e.g., since the UCP's "simultaneous" computation of all of the universe's exhaustive spatial pixels for every consecutive UF's frame/s negates the possibility of any direct or even indirect "material-causal" physical interaction/s between any two or more exhaustive spatial pixels existing in the same- or different- UF's frame/s!)

But moreover, the universe's "origination", "sustenance" and "development" is solely derived by the singular UCP! (In fact, as has been explained previously based on "G-D's Physics" according to its two "profound" "Computational Invariance" and "Universal Consciousness Reality": since the only "computational-invariant" element that exists both "during" each consecutive UF's frame/s – which "simultaneously" computes every exhaustive spatial pixel in the universe is this singular higher-ordered UCP; and it also exists "in-between" any two consecutive UF's frame/s, without the presence of any physical universe!; therefore the entire physical universe, including its multifarious exhaustive spatial pixels' Four basic Physical Features of "space", "energy", "mass" and "time" may only be considered as "computationally-variant" existing only "transiently" and "phenomenally" "during each consecutive UF's frame/s, but "dissolving" back into the singularity of the UCP "in-between" any two such consecutive UF's frames! Hence, according to the "Universal Consciousness Reality", there only exists one singular higher-ordered "Universal Consciousness Reality" which exists both "during" its consecutive computation of every UF's frame's exhaustive spatial pixels, where it manifests as the physical universe; and also solely exists without the physical universe "in-between" any two consecutive UF's frame/s!)

Announcement of G-D's Physics Call for Astronomers to Validate the UNCIARE-JRH "Critical Prediction Through Precise & Longitudinal Measurements!

A call is made to all leading Astronomers, Cosmologists and Universities to collaborate with Dr. Bentovish (e.g., directly through his personal email: drbentwich@gmail.com) in validating two additional (prospective unique) "Critical Predictions" comprising:

- A. Precise Astronomical Measurement of the UNCIARE-JRH's Critical Prediction: of an increase in the current Astronomical Value of the Universe's Expansion Rate, i.e., by a "\*Minute Annual Increase" (MAI) of 0.000968 km s<sup>-1</sup> Mpc that occurred during the last JRH: on Oct. 3rd -4th, 2024 (e.g., relative to the measured rate of the universe's expansion prior to Oct. 3rd- 4th 2024; with this increased MAI value carrying over through the whole next JRH – until the next JRH scheduled for Sep. 22nd & 23rd, 2025); "G-D's Physics" therefore also predicted a further (singular) MAI increase in the rate of the universe's expansion beginning from these two (prospective) days of the past JRH (Sep. 22nd & 23rd, 2025) of another 0.000968 km s<sup>-1</sup> Mpc increase in the universe's expansion rate (e.g., that will carry through the whole next JRH)!
- B. Longitudinal measurement of the (same) UNCIARE-JRH's cumulative MAI's – across any given time-span! Thus, for instance, this second manner of testing (and validating) the G-D's Physics UNCIARE-JRH Critical Prediction could be experimentally tested at particularly set "time-points", e.g., for instance: a) Before 10 years (e.g., 2014 after the JRH of 2014): a predicted 10 \* MAI = 10 \* MAI of 0.000968 km s<sup>-1</sup> Mpc "decrease" from the current Hubble's constant, i.e., ; b) Before 50 years (e.g., 2014 after the JRH of 2014): a predicted 10 X MAI = 50 \* MAI of 0.000968 km s<sup>-1</sup> Mpc decrease from the current Hubble's constant, c) Before

100 years : a predicted 100 X MAI = MAI of 0.000968 km s<sup>-1</sup> Mpc decrease from the current Hubble's constant.

- C. UNCIARE-JRH's AMI's Increase in the Values of the Four basic Physical Features! (see above details, or communicate directly with Dr. Bentovish, e-mail details above).
- D. "G-D's Physics Differential-Mass 'Fine-Temporal Measurements' (FTM) Appearances" Based on the direct empirical validation of "G-D's Physics" (unique) "Critical Prediction" regarding the "Proton-Radius Puzzle" associated findings, indicating that the UCP's differential computation of the "Mass" value/s of the relatively "more massive" Muon particle than the (equivalent negatively charged) electron particle – led to the Muon's associated "altered Muon Hydrogen Proton's" measurements as more "spatially-consistent" (e.g., according to "G-D's Physics" new UCP's Computational Definitions of "Mass") than the equivalent "Standard Hydrogen Proton" (see above Results); therefore an even more direct empirical measurement of "G-D's Physics' "Differential Mass UF's Appearances" Critical Prediction regards a comparison of an Accelerator's precise measurements of the significantly greater number of times that such a ("more massive") Muon particle would appear across a given series of UF's frames(i.e., or in fact a certain measurable sample thereof!) than the "less-massive" electron particle!

Therefore, it may be said that these "Proton-Radius Puzzle" findings lay the (theoretical) foundations for the prospective "G-D's Physics Differential-Mass UF's Appearances" Critical Prediction; because they indicate that the "more massive" Muon particle is measured as "spatially more consistent" than the (relatively) "less massive" particle, i.e., both in its "proton-radius size" and its "spatial measurement accuracy"! Indeed, the aim of this (prospective) "G-D's Physics Differential-Mass UF's Appearances" (unique) "Critical Prediction" is to test "G-D's Physics" (novel) conception of "Mass" as representing the UCP's computation of an "Object-consistent" measure":

#### "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.

Specifically, the aim of this article is to test a direct (prospective) "G-D's Physics Differential-Mass 'Fine-Temporal Measurements' (FTM) Appearances" (unique) "Critical Prediction": predicting that the (relatively) "more-massive" Muon particle would appear across a greater number of "Fine-Temporal Measurements" (FTM) than the "less-massive" electron particle: Contrasting between the number of "Fine-Temporal Measurements" (FTM, e.g., see below their mathematical calculation) in which a 'more massive particle' (i.e., the Muon), would be detected relative to a "less-massive" particle (i.e., the electron); It is suggested that in order to test "G-D's Physics' Differential-Mass 'Fine-Temporal Measurements' (FTM) Appearances" (unique) it is necessary to contrast the number of FTM in which the 'more-massive' 'Muon' relative appears, relative to the number of FTM in which the

'less-massive' electron particle would be detected; However, a key point to be noted is that the "temporal resolution" of most Accelerators is far less "sensitive" than the hypothesized rate at which the Universal Computational Principle (UCP) computes the series of USCF's frames, i.e., " $c^2/h=1.45^{-42}$  sec' – with certain Accelerators reaching almost the speed of light " $c = 3.33\text{-}6$  sec' (e.g., regarded as the 'Fine-Temporal Measurements' accuracy level in this experiment), producing a magnitude difference of  $x\text{-}36$  sec'; Nevertheless, it is suggested that even if we opt to "sample" the FTM's at such a "decreased" temporal resolution (below) the speed of light " $c = 3.33\text{-}6$  sec', i.e., in effect sampling a significantly decreased temporal accuracy level [e.g.,  $x\text{-}36$  sec' decreased magnitude of accuracy relative to the rate at which the Universal Computational Principle (UCP) computes the series of USCF's frames (i.e., " $c^2/h=1.45^{-42}$  sec')]; we can still expect that the "more massive" Muon particle would appear at a greater percentage of these " $c = 3.33\text{-}6$  sec' FTM's samplings relative to the number of (the same decreased accuracy) FTM's samplings in which the electron would be detected!

As stated above, in calculating "G-D's Physics' Differential-Mass 'Fine-Temporal Measurements' (FTM) Appearances" (unique) "Critical Prediction", e.g., regarding the significantly smaller number of FTM's in which the 'electron' particle would be detected relative to the number of (such) FTM's in which the 'Muon' may be measured, we need to correct for the known subatomic (quantum theory related) bias towards a slightly "easier" measurement of such 'more-massive' 'Muon' particle relative to the measurements of a 'less massive' 'electron' particle; In other words "G-D's Physics' Differential-Mass 'Fine-Temporal Measurements' (FTM) Appearances" "Critical Prediction" regarding the significantly greater FTM's at which the 'more massive' Muon particle (M) would be detected, relative to the number of (equivalent) FTM's at which the 'less-massive' electron (e) particle would be detected should subtract the "quantum measurement bias" (QMB) towards a more 'sensitive temporal measurement' of more massive particle:

$$FTM(M) - QMB > FTM(e)$$

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