

# G-d's Physics" Goes Beyond the "Standard Model" The "Universal Computational Formula" & New "Computational Table"!

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## 1. Introduction: The "G-d's Physics" A-Causal Computation Paradigm

Twenty-first century Physics is undergoing a major "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" (Computational Unified Field Theory, CUFT) "A-Causal Computation" Paradigm! This follows the clear "Paradigmatic-Crisis" of the Old "Material-Causal" Paradigm underlying 20th century's Relativity Theory (RT) and Quantum Mechanics (QM), e.g., signified by the apparent basic "theoretical-inconsistency" between those two RT & QM "pillars" of this Old "Material-Causal" Paradigm and its inability to account for up to 95% of all the mass and energy in the universe, i.e., assumed to comprise purely hypothetical "dark-matter" and "dark-energy" concepts, but which could not be detected (even after two full decades of numerous attempts to do so!); Based on Kuhn's well known analysis of the "Structure of Scientific Revolutions" (1962), this indicates a clear "Paradigmatic-Crisis" of the Old "Material-Causal" Paradigm which inevitably leads to the discovery and empirical validation of a "New Paradigm" capable of:

- Resolving those apparent "theoretical-inconsistencies" found in the Old "Material-Causal" Paradigm.
- Offering an alternative satisfactory explanation for these purely hypothetical "dark-matter" and "dark-energy" concepts, e.g., capable of explaining the accelerated expansion of the physical universe.
- Replicating all major phenomena and laws of the Old "Material-Causal" Paradigm by the New Scientific Paradigm.
- Identifying at least one unique "Critical-Prediction" that differentiates between such a New Scientific Paradigm and the corresponding predictions of the Old "Material-Causal" Paradigm;
- Empirically validating these (unique) Critical-Prediction/s of the New Paradigm as more valid than the prediction/s of the Old "Material-Causal" Paradigm!
- \*An added value (and beauty) of the New Scientific Paradigm is to the extent that it includes (or embeds- and transcends) key components of the Old "Material-Causal" Par-

adigm as "special-cases" or "integral-components" within the New Scientific Paradigm, e.g., as did General Relativity Theory include Newtonian Classical Mechanics as a special "non-relativistic" case within its broader relativistic theoretical framework!

To the extent that these stringent criteria for the acceptance of such a New Scientific Paradigm have been met, then Science has to transition into such a New Scientific Paradigm (e.g., which usually also includes the Old Paradigm as a "special case" within the New Paradigm's broader theoretical framework);

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

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

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

such that:

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

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

"G-d's Physics" unique "Critical-Prediction" predicts that relatively "more-massive" particles such as the (negatively charged) "Muon" would be measured as more "spatially-consistent" than an equivalently (negatively charged) "electron" particle! This unique "G-d's Physics" "Critical-Prediction" was de-facto tested by the "Proton-Radius Puzzle" associated experiments conducted by Pohl et al. (2010) :

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

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

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

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

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

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

such that:

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

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

"G-d's Physics" unique "Critical-Prediction" predicts that relatively "more-massive" particles such as the (negatively charged) "Muon" would be measured as more "spatially-consistent" than an equivalently (negatively charged) "electron" particle! This unique "G-d's Physics" "Critical-Prediction" was de-facto tested by the "Proton-Radius Puzzle" associated experiments conducted by Pohl et al. (2010); Pohl et al. (2010) set to measure the radius of a Hydrogen Proton – contrasting between the Stan-

dard Hydrogen surrounded by the (negatively charged) electron, and a "Muonic Hydrogen" in which its electron was replaced by a much more massive (negatively charged) "Muon" particle; Surprisingly, they found that the Proton radius was greatly decreased in the Muonic-Hydrogen, than in the Standard Hydrogen – which they termed as the "Proton-Radius Puzzle", because it could not be satisfactorily accounted for by Relativistic or Quantum Models?!

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

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

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

This is because according to the New "G-d's Physics" UCP's computational definition of the "mass" value of any given subatomic particle, a more massive a particle possesses more "spatially-consistent" physical features – therefore predicting the "Critical-Prediction" of the relatively "more-massive" Muonic Hydrogen Proton possessing a more "spatially-consistent", i.e., smaller and more accurate, than the relatively "less-massive" electron-associated Standard Hydrogen Proton measurements! Noteworthy is the fact that this unique "Critical Prediction" of the New "G-d's Physics" Paradigm regarding the more "spatially-consistent" measurements of the relatively more massive "Muon-Hydrogen" as opposed to the relatively less-massive "electron-Hydrogen" – could not be accounted for by the Old "Material-Causal" Paradigm of RT & QM (e.g., despite various attempts to explain this "Proton-Radius Puzzle" findings: the "three-body force" (Karr & Hilico, 2012), interactions between gravity and the weak force, or a flavour-dependent interaction, (Onofrio, 2013; Zyga, 2013), higher dimension gravity, (Dahia, & Lemos,, 2016), a new boson, (McKeen & Miller, 2016) and the quasi-free hypothesis  $\pi^+$ (Lestone, 2017); and therefore constitutes a direct empirical validation of this New "G-d's Physics" (CUFT) Paradigm!

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

Another direct test of "G-d's Physics" New 21st century Physics Paradigm is provided by an additional (unique) "Critical-Prediction" that differentiates it from the corresponding predictions of the Old "Material-Causal" Relativistic "Big-Bang" Model; Specifically, if the New "G-d's Physics" Paradigm' "Critical Prediction" negates the Old Paradigm's "material-causal" basic assumption regarding the "Big-Bang" Model's creation- and further accelerated expansion- of the physical universe by an initial "nuclear event" which led to subsequent "dark-matter" and "dark-energy" (purely hypothetical) concepts assumed to "cause" the accelerated expansion of the universe – and point

at "G-d's Physics" novel ACC Paradigm's prediction, than this would indicate that the New "G-d's Physics" ACC Paradigm's theoretical account of the UCP continuous (simultaneous) computation of every exhaustive spatial pixel in the universe is a valid description of the continuous creation- "dissolution"-re-creation- and evolution- of the entire physical universe by this singular higher-ordered UCP!

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

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

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

SRCS: {DMDE, U<sub>ec</sub>-aer } → "Uec-aer" or "Not U<sub>ec</sub>-aer "

But, according to "G-d's Physics" "Computational Duality Prin-

ciple" (CDP) such a SRCS System inevitably leads to both "logical-inconsistency" and ensuing "computational-indeterminacy" in the case of a "Negative" SRCS outcome, i.e., "SRCNS" – in which this SRCS System yields a "negative outcome":

SRCNS: {DMDE, Uec-aer } → "Not Uec-aer"

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

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

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

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

SRCNS: {DM/DE, U<sub>ec</sub>-er } ti → {"Not Uec-er"} ti+n

wherein it is assumed that it is the direct (or indirect) physical interaction between (purely hypothetical) "Dark-Matter"/"Dark-Energy" (DM/DE concepts) and the "exhaustive components of the Universe- expansion rate" (Uec-ar) that "causes"

the universe to increase its acceleration rate with time?!

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

This "logical-inconsistency" also invariably leads to an associated "computational-indeterminacy" – simply because such assumed SRCS(SRNCS) computational System is unable to decide whether the universe's accelerated rate should be "Uec-er" (at  $t_i$ ) or "Not U<sub>ec</sub>-er" (at  $t_i+n$ ) ?!

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

Instead, "G-d's Physics" New Paradigm's CDP points at the existence of the singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes all exhaustive spatial pixels in the universe (e.g., at the incredible rate of " $c^2/h$ " =  $1.36^{50}$  sec!), thereby producing an extremely rapid series of "Universal Frames" (UF's) comprising the entire physical universe at every consecutive "minimal time-point"!

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

### **1. Theoretical Postulates of the New "G-d's Physics" Paradigm:**

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

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

The fundamental discovery made by the New "G-d's Physics" Paradigm is that there exists a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes all exhaustive spatial pixels in the universe at the incredible rate of " $c^2/h$ " =  $1.36^{50}$  (sec') thereby producing an extremely rapid series of "Universal Frames" comprising all exhaustive spatial pixels in the universe for each "minimal time-point"! According to this new UCP theoretical postulate, the entire universe "dissolves" "in-between" any two consecutive UF's frames back into the singularity of this UCP! Indeed, due to the simultaneity of the UCP's computation of all exhaustive spatial pixels in the universe comprising each consecutive UF/s frame/s, the New "G-d's Physics" Paradigm is considered as an

"A-Causal Computation" Paradigm – i.e., it negates the very possibility of the existence of any "material-causal" direct (or even indirect) physical interactions between any two (or more) exhaustive spatial pixels existing either in the "same" or "different" UF's frames! This is simply due to the fact that based on the simultaneity of the UCP's computation of all exhaustive spatial pixels comprising any given UF's frame, there cannot exist any such "material-causal" direct/indirect physical interactions between any two (or more) exhaustive spatial pixels; and similarly, "in-between" any two consecutive UF's frames, there cannot exist any such direct/indirect "material-causal" physical interaction/s between any two (or more) exhaustive spatial pixels – since all of the exhaustive spatial pixels comprising the entire physical universe "dissolve" back into the singularity of the UCP "in-between" any two consecutive UF's frame/s!

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

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

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

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

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

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

$UF's \{ \tau \dots n \dots \kappa \} [Px]_{(a \dots z)}$

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

**Note:** which is accompanied by "G-d's Physics" (CUFT) computational (previous) definitions of these four basic physical features

of "space" and "energy", "mass" and "time" as representing "Frame" – "consistent" ("space") or "inconsistent" ("energy"), or "Object" – "consistent" ("mass") or "inconsistent" ("time") computational properties of the UCP's simultaneous and integrated computation of all exhaustive spatial pixels:

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

such that:

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

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!

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 "Frame-inconsistent" differences of a given "object's" location or size across a series of UF's, divided by the speed of light ("c") multiplied by the number of UF's across which the "object's" energy value is computed by the UCP:

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

such that:

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

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

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

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

such that:

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

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

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

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

such that:

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

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

wherein the singular higher-ordered UCP – represented by the Hebrew letter "Yud" ("י") simultaneously computes all exhaustive spatial pixels in the universe comprising each consecutive Universal Frame/s (UF's) which already exist in a "potential-from" within the UCP's "Supra Spatial-Temporal Reservoir" of all "past", "present" and multiple possible "future/s" UF's (represented by the Hebrew letters from "א through ם" to "ת) depending on the Moral Choice of each Individual Human Consciousness – as computing and integrating these four basic physical features of "space" and "energy", "mass" and "time", at the incredible rate of: "c<sup>2</sup>/h" = 1.36<sup>-50</sup> sec'!

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

Another two new (profound) theoretical postulates proposed by the New "G-d's Physics" Paradigm are called: the "Computational Invariance Principle" and closely associated "Universal Consciousness Reality" (UCR): According to the UCR postulate, since only the "Universal Computational/Consciousness Principle" (UCP) remains constant and continuous – both "during" its computation of the four basic physical features (e.g., of "space", "energy", "mass" and "time") of every exhaustive spatial pixel comprising each consecutive Universal Frame/s, and also solely existing without the presence of any physical universe it may be considered as "computationally-invariant"; whereas the existence of every exhaustive spatial pixel's four basic physical features may only be regarded as "computationally-variant", e.g., existing only "transiently" and "phenomenally" "during" the UCP's sole computation of every consecutive UF's frame/s but ceasing to exist (and "dissolving back into the singularity of the UCP) "in-between" any two consecutive UF's frames; therefore the "Computational Invariance Principle" theoretical postulate posits that only the "computationally-invariant" UCP may be regarded as "real", "continuous" and "permanent", whereas the "computationally-variant" exhaustive set of all spatial pixels' four basic physical features (of "space", "energy", "mass" and "time") comprising the entire physical universe must be seen as only "transient" and "phenomenal" manifestations of this singular UCP! Indeed, this surprising "Computational Invariance Principle" is closely associated with the novel and quite profound "Universal Consciousness Reality" (UCR) which states that since only the UCP is regarded as "computational-in-

variant", e.g., "real", "constant" and "continuous", whereas all exhaustive spatial pixels comprising the entire physical universe are deemed as "computationally-variant", e.g., existing only "transiently" and "phenomenally" as solely computed by this singular reality of the UCP; hence the "Universal Consciousness Reality" (UCR) theoretical postulate asserts that there exists only one singular "Universal Consciousness Reality" (UCR) – which exists uniformly and continuously both "during" its computation of every exhaustive spatial pixel's four basic physical features (of "space", "energy", "mass" and "time") and also exists solely (without any presence of any physical universe) "in-between" any two consecutive UF's frames; and therefore that the entire physical universe is realized to constitute only a "transient-phenomenal" manifestation of this singular higher-ordered UCR reality!

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

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

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

The UCP's first (initial highest) Hierarchical Computational Dimension is termed: the UCP's "Wisdom/Free-Will" which relates to the UCP's complete "Free-Will" in its computation and "laws" pertaining to the successive computation- "dissolution" re-computation- and evolution- of every exhaustive spatial pixel in the universe (e.g., since it is not bound by any "material-causal" physical interactions and it possesses Infinite Wisdom); Indeed, this initial UCR's "Free-Will/Wisdom" Hierarchical Computational Dimension is characterized by a "Free-Will/Wisdom" of the UCR's initial conception of the creation of an apparently "separate" and "independent" physical universe – which seems to exist "independently" of the UCR's sole creation, sustenance and evolution of it(!?), but which will nevertheless evolve into the ultimate "Goal" of creating Human-Beings possessing the most "expansive" form of Consciousness that will recognize and appreciate the sole existence and "All-Goodwill" characteristics of this singular higher-ordered UCR! It represents the UCP's initial impetus and Wisdom's conception of the possibility of creating an apparently "independent" physical universe (e.g., from its true sole "Universal Consciousness Reality's" sustenance of it) that will "evolve" the most "expansive" form of Human Consciousness leading to a recognition and appreciation of the singularity of this UCR's "Infinite Wisdom", "All-Goodness" characteristics!

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

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

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

The UCR's fourth Hierarchical Computational Dimension is termed: the "Reversed-Time 'Geulah h ' Goal" which describes (for the first time in the UCR's successive hierarchical manifestation of the physical universe) the UCR's full-complete "Blueprint Architectural Hierarchical Plan" for creating and "evolving" the entire physical universe in order to create- progressively more "expansive" forms of Consciousness, i.e., from "inanimate", "animate": plants, animals, human-beings and up to the "Ultimate Geulah h Goal" of Humanity's (and Science's) recognition of the sole and singular reality of the Universal Consciousness Reality (UCR); It describes the UCR's entire Hierarchical Computational Plan for evolving and manifesting increasingly more "expansive" forms of this singular UCR – e.g., from inanimate "matter", through "animate": plants, animals, human-beings and up to the most "expansive" form of "Collective Human Consciousness" recognizing and leading a "Perfected: Moral, Spiritual & Physical State": in which Humanity recognizes the singularity of this "Universal Consciousness Reality" (UCR) including the basic , "Dynamic-Equilibrium Moral Principle" which compels human-beings and Humanity as a whole to lead a Moral, Harmonious & Peaceful Human Existence. It is termed "Daat" ((דעד in the Jewish Chassidic-Kabbalah tradition because it signifies the UCR's "Knowledge" or "Plan" for the entire evolution of the physical universe – leading to the UCR's "Ultimate Geulah h Goal"! Indeed, this fourth Hierarchical Computational "Reversed-Time Geulah h Goal" Dimension offers a new profound insight into the UCR's overall "pre-planned successive evolution" of the entire physical universe – "conceived" of and "pre-planned" from the Ultimate "Geulah h -Goal" in a "reversed direction" through all "past"- "present" and (multiple possible)

"future/s" (based on every Individual Human Consciousness' Moral Choice/s made at each point in time, as will be described in the "Dynamic-Equilibrium Moral Principle" Hierarchical Computational Dimension)! Just as an Architect constructing a complex and elaborate building will pre-plan all of the details of this complex and beautiful building in an Architectural "Blue-Print", e.g., including all of the details regarding the necessary "construction-steps" to attain the desired "end-goal" of the full Elaborate Complex Building, so it is suggested the UCR also "pre-planned" all of the necessary "past", "present" and (multiple possible) "future/s" of all the Universal Frames depicting the evolution of the entire physical universe in order to evolve the progressive ("inanimate" and "animate": plants, animals and human-beings) forms of Consciousness leading to the Ultimate "Geulah h -Goal" of Humanity (and Science)! Hence, the fourth "Reversed-Time Geulah h Goal" Hierarchical Computational Dimension ("Daat"/"תעד") signifies the UCR's complete "Knowledge" or "Plan" for evolving the entire physical universe – from inanimate matter through animate: plants, animals and human-beings towards the Perfected "Geulah h Goal State", and it is computed and "corrected" to reach this Perfected "Geulah h -State" through a continuous "adjustment" process of the UCR based on its later "Dynamic-Equilibrium Moral Principle" and closely associated "UCR's Multi Spatial-Temporal Reservoir" (as listed below).

4). The fourth "Dynamic-Equilibrium Moral Principle" Hierarchical Computational Dimension ("דסה"/"Chessed"): this "Dynamic-Equilibrium Moral Principle" relates to the actual execution of the UCR's fourth "Reversed-Time Geulah h -Goal" Hierarchical Computational Dimension, i.e., based on a Compassionate ("Chessed/דסה") Moral Principle which allows every human-being to "correct" any of his or her "Immoral Action/s" through the UCR's computation of an equivalent "future" corresponding to any such "immoral action", which would allow that "offending human-being" to experience the same kind (and degree) of pain/suffering that he/she inflicted upon another Individual Human-Being, so that the "offending" person could make a sincere "Teshuva" (termed so in the Jewish Tradition) signifying a sincere remorse and accompanying conscious choice not to repeat any such "immoral-action/s" in the future! Since we've seen that the whole Goal of the UCR's evolution of the entire physical universe is solely towards reaching that "Perfected Geulah h State" in which all human-beings (and Humanity more generally) would recognize the Oneness, Morality and Peace characterizing the singular "Universal Consciousness Reality" (UCR) and lead a Moral, Peaceful and Harmonious life, therefore the means for reaching this end Goal of "Geulah h " may be attained through the (fourth) "Dynamic-Equilibrium Moral Principle" Hierarchical Dimension – which produces a "moral correction-mechanism" allowing every individual human-being (and Humanity as a whole) to "perfect" its moral behavior and awareness through this "Dynamic-Equilibrium Moral Principle"! A "Trampoline Metaphor" has been utilized which tries to demonstrate the "correction-dynamics" of this UCR's Dynamic-Equilibrium mechanism: A scenario in which a Trampoline Sheath is placed with a "Metal-Bar" connecting two particular "points" on its surface, such that when one of these particular "point" "decides" to "inflict-pain/suffering" upon the other "point" by pressing the "Metal-Bar" against that other point, we realize that "automat-

ically" the "suffering point" will "push-back" the same "Metal-Bar" against the initially "aggressive-point" to "balance" the Trampoline-Sheath back to its original "resting state"... This "Trampoline Metaphor" has been utilized to explain the "UCR's Dynamic-Equilibrium Moral Principle" which constantly and continuously strives to restore the "Oneness", "Peace" and "Harmony" characterizing the UCR's basic nature, e.g., to "correct" for any "moral-imbalance" created by any single one Individual Human Consciousness (person) deciding any "immoral-choice" against another given individual which brings about a "balancing-act" of the UCR creating an equivalent situation in which that "inflicting-pain/suffering" individual would have to experience him/herself the same degree and kind of pain/suffering that he/she inflicted upon the other individual, in order to realize the "inseparability" and "Oneness" of the UCR underlying both Human Consciousness...

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

6). The UCR's "Collective Human Consciousness Focus" Hierarchical Computational Dimension ("Tiferet"/"תִּיפֶרֶת"): the sixth "Collective Human Consciousness Focus Hypothesis" Hierarchical Computational Dimension postulates that the actual manifestation of the entire physical universe critically depends upon the UCR's close relationship with a "Collective Human Consciousness Focus" aimed towards that UCR! In other words, according to "G-d's Physics" New 21st century Paradigm, the UCR's actual computation of all past- present and "multiple possible future/s" Universal Frames (UF's) constituting each consecutive Year's (time-frame) critically depends upon the "Collective Human Consciousness Focus", in which Millions of individual human-beings simultaneously focus on this singular higher-ordered UCR during a "special time-interval", i.e., such as at the Jewish "Rosh-Hashana" New Year two-days' time-interval in which Millions of Jews focus collectively upon this singular higher-ordered UCR! This sixth Hierarchical Computational "Collective Human Consciousness Focus" instigates the UCR's computation of an entire New Year derived from the (fifth) UCR's "Multi Spatial-Temporal Reservoir" – allowing for the entire physical universe development for an entire New Year, based on the already determined "past", "present" and "multiple possible future/s" for each individual human -being for the entire New Year! One of the direct empirical ramifications of this sixth "UCR's Collective Human Consciousness Focus Hierarchical Computational Dimension" correlated with one of the (two) unique "Critical-Predictions" differentiating the New "G-d's Physics" Paradigm from the corresponding predictions of

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

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



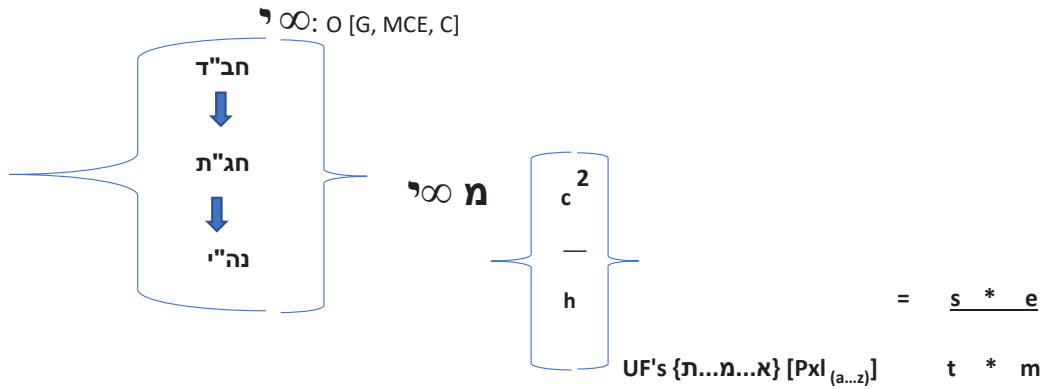
8. The "Teshuva" (הבושה)/"דוה"/"Hod"/"Forgiveness" Eighth Hierarchical Computational Dimension signifies the UCR's allowance for a "Teshuva"/ "repentance" of every individual human-being prior to the actual execution of the seventh "Computed Object Potential Values Hierarchical Computational Dimension"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

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

10. The "Ten Hierarchical Computational Dimensions' Universal Computational Formula"/"תוכלמ"/"Malchut" (Kingdom) Hi-

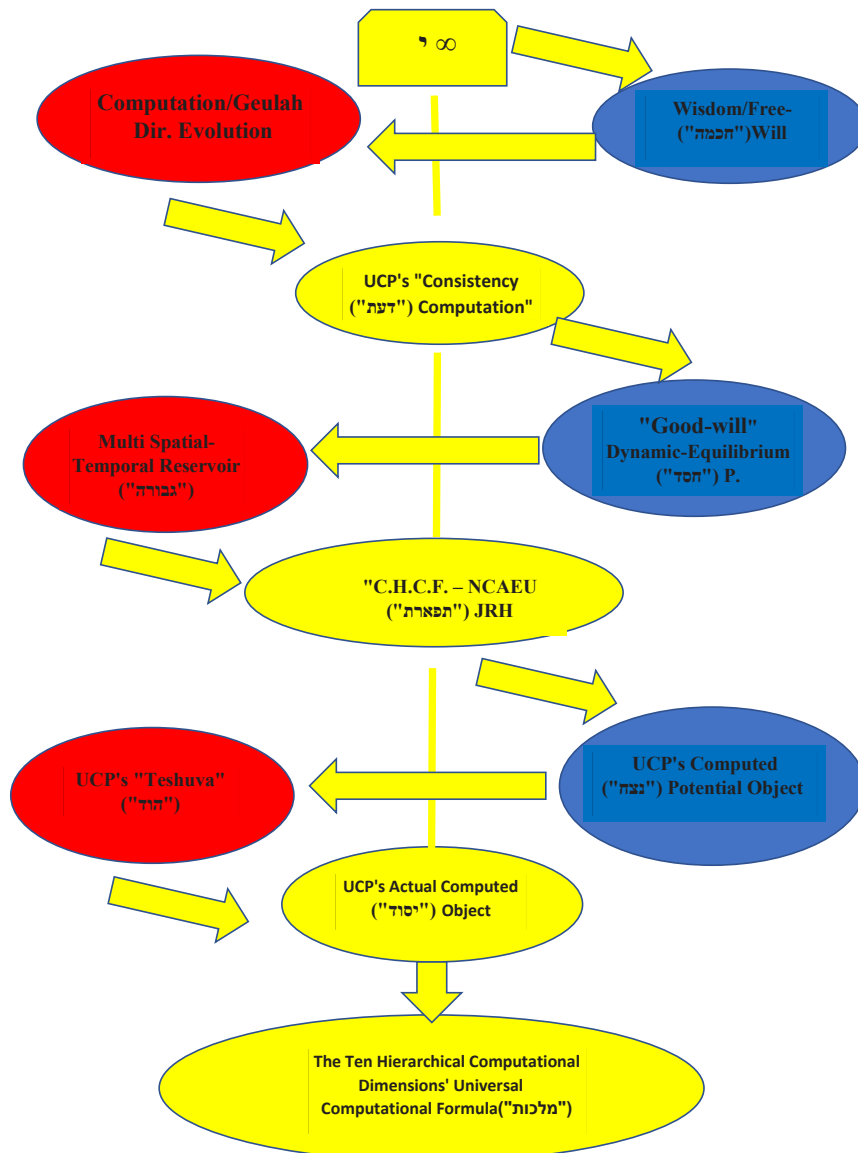
erarchical Computational Dimension ("רתכ"/"Keter-Infinity" ("Crown")): This tenth concluding Hierarchical Computational Dimension signifies the UCR's actual computation of each consecutive Universal Frame (UF), including all of its four basic physical features of "Object" – "consistent" (mass) and "inconsistent" (time), and "Frame" – "consistent" (space) and "inconsistent" (energy) for every exhaustive spatial pixel comprising the entire universe (for each minimal time-point UF's frame/s)! It consumes all of the previous Hierarchical Computational Dimensions as comprising any single consecutive UF's frame/s, thereby executing and "building" the "Kingdom" of the UCR's series of UF's inevitably leading to Its "Ultimate Geulah h -Goal" Perfected State of the world and the universe! This includes the full integration of the previous (ninth) "דוסי"/"Yessod"- "Foundation" Hierarchical Computational Dimension' comprising only the two "Object" – "consistent" (mass) and "inconsistent" (time) physical features associated with every exhaustive object comprising the entire physical universe, together with the two other "Frame" – "consistent" (space) and "inconsistent" (energy) physical features that are necessary in order to create any single (consecutive) UF's frame! It also necessitates the direct involvement and "power" of the Infinite UCR's Essence (or "רתכ" / "Crown") as it is called in the Jewish Chassidic-Kabbalah Tradition which (as it were) "stands alone" in its infinity – beyond the four basic physical features of "space", "energy", "mass" and "time", i.e., Prior to its manifesting of the entire physical universe through its associated "Ten Hierarchical Computational Dimensions"! Indeed, as can be glanced from this "Ten Hierarchical Computational Dimensions Universal Computational Formula" (below), the direct "involvement" of this "רתכ"/"Keter" – Infinity ("Crown") Essence of the UCR is seen both "prior to" and "above" the UCR's Ten Hierarchical Computational Dimensions ("standing alone" as the "רתכ"/"Keter"-Crown" of these Ten Dimensions) and is also apparent in the "Ten Hierarchical Computational Dimensions Universal Computational Formula" – in the "Ten Hierarchical Computational Dimensions' Universal Computational Formula"/"תוכלמ"/"Malchut" (Kingdom) Hierarchical Computational Dimension ("רתכ"/"Keter-Infinity" ("Crown")); This is because in order to manifest, integrate and compute the entire physical universe simultaneously – at the incredible rate of  $c^2/h = 1.36 \cdot 10^{50}$  (sec') for each exhaustive spatial pixel it necessitates the Infinite Wisdom and Essence of the UCR!

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



**Figure 1: The "Geulah", "Moral/Conscious-Evolution", "Consistency" Ten Hierarchical Computational Dimensions' Universal Computational Formula" (G, MCE, C) THD-UCF):**

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



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

## 2. G-d's Physics": Beyond the "Standard Model" & Discovery of The New "UCP's THCD-UCF Computational Table"!

The manner in which the New "G-d's Physics" Paradigm goes beyond the Old "Material-Causal" Paradigm is based on its novel understanding- and computational definitions- of the four basic physical features of "space" and "energy", "mass" and "time"; As we've seen, based on "G-d's Physics" New Paradigm's complete unification of these four basic physical features within the singular "Universal Computational Formula" (e.g., for the first time in Physics!) – e.g., as "secondary computational" properties of the singular higher-ordered UCP's computation of "Frame" – "consistent" ("space") or "inconsistent" ("energy"), or "Object" – "consistent" ("mass") or "inconsistent" ("time"), our basic understanding of the basic constituents of the physical universe, as well as its basic dynamics (evolution) undergoes a fundamental profound metamorphosis;

But, perhaps prior to explicating the precise nature of this fundamental metamorphosis of our basic understanding of the true nature- origin- dynamics- and evolution- of the entire physical universe, which also includes a transcendence of the "Standard Model", lets mention (once again) the two profound "Computational Invariance Principle" and associated "Universal Consciousness Reality" profound postulates of the New "G-d's Physics" Paradigm: Essentially, these two profound theoretical postulates indicate that since only the "Universal Computational/ Consciousness Principle" (UCP) remains constant- continuous- and "unaltered"- both "during" its computation of every consecutive UF's frame/s (e.g., in which it computes every exhaustive spatial pixel comprising the entire physical universe at every such minimal time-point), and also solely remains "in-between" any two consecutive UF's frame/s (e.g., without the presence of the physical universe); whereas the entire physical universe (and all of its exhaustive spatial pixels) exists only "during" each consecutive UF's frame/s (as being computed simultaneously by the UCP) but "dissolves" back into the singularity of the UCP "in-between" any two consecutive UF's frame/s; therefore, the "Computational Invariance Principle" reasons that only this "computationally-invariant" UCP may be regarded as "real", "continuous" and "constant", whereas the entire physical universe (and all of its exhaustive spatial pixels) may only be regarded as "computationally-variant", i.e., regarded as only "phenomenal" and "transient"; In fact, according to the second associated "Universal Consciousness Reality" (UCR) theoretical postulate, since only the singular higher-ordered UCP may be regarded as "real", "constant" and "uniform", whereas the entire physical (e.g., including its four basic physical features pertaining to all of its exhaustive spatial pixels) represents only a "transient" and "phenomenal" manifestation of this singular higher-ordered UCR, therefore the UCR theoretical postulate asserts that there exists only one singular (higher-ordered) "Universal Consciousness Reality" – which manifests as the physical universe "during" each consecutive UF's frame/s, and remains solely (without the presence of the physical universe) "in-between" any two consecutive UF's!

Indeed, the discovery of this singular (higher-ordered) "Universal Consciousness Reality" (UCR) signifies a major "Par-

adigmatic-Shift" – not only from the Old "Material-Causal" Paradigm (of 20th century's RT & QM) to the New "A-Causal Computation" "G-d's Physics" Paradigm, but also "philosophically"; It alters our basic appreciation and understanding of the physical universe, i.e., in terms of its origin- "true nature"- dynamics- evolution- (and even "Ultimate Goal" of the universe!) If the universe does not exist as a "constant", "solid" "material" entity, but is metamorphosed into merely representing a "transient-phenomenal manifestation" of the only "real" singular higher-ordered "Universal Consciousness Reality", then our basic understanding of the origin- dynamics- and evolution- of the entire physical universe is also altered in a very basic and fundamental manner: Based on the New "G-d's Physics" "A-Causal Computation" Paradigm's realization wherein since this singular higher-ordered UCP/UCR simultaneously computes all exhaustive spatial pixels in the universe (for each consecutive UF's frame/s), and the entire physical universe also "dissolves" back into the singularity of this UCP/UCR "in-between" any two consecutive UF's frame/s; therefore "G-d's Physics" New "A-Causal Computation" Paradigm asserts that there cannot exist any (direct or indirect) "material-causal" physical interaction/s between any two (or more) exhaustive spatial pixels existing either in any single- or multiple- UF's frame/s! Therefore, the very basis of our Old "Material-Causal" Paradigm's understanding of the origin- dynamics- and evolution- of the physical universe are undermined- challenged- and in fact negated! This is simply because if there cannot exist any (direct or indirect) "material-causal" physical interactions between any two (or more) exhaustive spatial pixels (existing in single- or multiple- UF's frame/s), then the universe's assumed origination by an initial "Big-Bang" nuclear event must be negated and rejected! Likewise, we cannot assume (any longer) that the continuous evolution and accelerated expansion of the universe is "caused" by Einstein's Equations' assumed "Material-Causal" relationships between certain "massive-objects" and their "curvature of Space-Time", or conversely that the "travelling-pathways" of these "massive-objects" and other "less-massive objects" is "caused" by this "curvature of Space-Time"! Nor can the accelerated expansion of the universe (any longer) be assumed to be "caused" by the effects of purely hypothetical "dark-matter" and "dark-energy" concepts (e.g., assumed to comprise up to 95% of all the mass and energy in the universe, but yet could not be detected to date even after two full decades of various experiments attempting to do so!)

Instead, we reach the inevitable conclusion that the entire physical universe does not exist as a "solid", "constant" "material-entity" – it has not been "created" or "caused" by an initial "Big-Bang" nuclear event, because there could not have existed any (direct or indirect) "material-causal" physical interactions between any two (or more) exhaustive spatial pixels, e.g., in the "first", "second", "third" or indeed "nth" UF's frame/s; the entire physical universe is being created "anew" at every consecutive UF's frame/s simultaneously for all of its exhaustive spatial pixels by this singular higher-ordered UCP/UCR – and in fact only a manifestation of this singular "Universal Consciousness Reality"! The universe is more truly being recognized as a continuous "manifestation" of this singular higher-ordered UCR and as entirely "dependent" upon the continuous "computation"- "dissolution"- "recreation" and "evolution" by this singular higher-ordered UCR! To make this new profound realization of "G-d's

Physics" New "A-Causal Computation" "Universal Consciousness Reality" perhaps even clearer – "imagine" (for a second) what "happens" to the entire physical universe "in-between" any two consecutive UF's frame/s: it completely "dissolves" back into the singularity of this UCR! In other words, the entire physical universe "ceases to exist" "in-between" any two consecutive UF's frame/s!?! Moreover, the only possibility of the continued "existence" of the entire physical universe (e.g., and of every exhaustive spatial pixel comprising it) – is entirely "dependent" upon the "memory", "re-creation" and "evolution" of every such exhaustive spatial pixel by this singular higher-ordered UCR! So, we reach the inevitable conclusion wherein the entire physical universe (and every exhaustive spatial pixel comprising it) – is entirely dependent upon- and in fact is but a manifestation of- this singular higher-ordered "Universal Consciousness Reality"! Hence, whether we examine the universe at the "microscopic" quantum level or "macroscopic" relativistic level, we reach the inevitable conclusion that the universe does not operate based on any (direct or indirect) "material-causal" physical relationship/s between certain "massive-objects" and their (assumed) "causing" of the "curvature of Space-Time", or based on any (direct or indirect) physical relationships between any subatomic "target's" (assumed "probability wave-function") and corresponding "probe" element – which is assumed to "cause" the "collapse" of the target's "probability wave-function" (into a singular "complimentary" energy-space or mass-time value)! Instead, "G-d's Physics" New "A-Causal Computation" Paradigm's discovery of the existence of a singular higher, "Universal Consciousness Reality" – upon which the entire "existence", "dissolution", and "evolution" of the universe (and every exhaustive spatial pixel comprising it) entirely depends alters our basic understanding of the basic nature, dynamics and evolution of the universe; we realize that none of the multifarious "relativistic" or "quantum" elements, forces, or particles etc. exists "continuously" – but only "transiently" and "phenomenally" as a manifestation of this singular higher-ordered UCR, which constitutes the only "real" continuous "reality" underlying the entire physical universe!

There are two direct theoretical ramifications ensuing from this profound realization of the New (empirically validated) "G-d's Physics" discovery of the existence of this singular "Universal Consciousness Reality" (UCR):

**a). The UCR's "Universal Computational Formula": Negating the "Standard Model's" Material-Causal Assumption!**

First, this profound realization of "G-d's Physics" singular "Universal Consciousness Reality" (UCR) constituting the only "real" reality underlying the "transient-phenomenal" appearance of the physical universe – when combined with "G-d's Physics" discovery of the singular "Universal Computational Formula" (UCF) which simultaneously computes all exhaustive spatial pixels in the universe through the UCP's simultaneous integrated computation of the four basic physical features (of "space" and "energy", "mass" and "time") for each exhaustive spatial pixel; reveals that there cannot exist any "material-causal" physical relationship" between any "independent" material entities, e.g., be it relativistic "massive-objects"/"less-massive objects" and their assumed "curvature of Space-Time", or be it any subatomic particles, forces, entities etc.! This is simply because (once again) this UCP's singular "Universal Computational Formula"

(UCF) simultaneously computes all exhaustive spatial pixels' four basic physical features (for each consecutive UF's frame/s) – so there cannot exist any "material-causal" physical relationships between any two (or more) exhaustive spatial pixels, or between any two (or more) subatomic "particles", "forces" etc. This possesses profound theoretical ramifications – i.e., first and foremost, it negates the basic "Material-Causal" assumption underlying the "Standard Model"! This is because the basic "Material-Causal" assumption underlying the "Standard Model" is that it is based on direct (or indirect) "material-causal" physical interactions between certain elementary particles and other particles that Three (out of four) Forces of Nature, i.e., "Weak"/"Strong" Nuclear Force", and "Electromagnetic Force" are being explained (e.g., with the fourth "Gravitational Force" currently not being explained by the "Standard Model"); But, since according to this "Universal Computational Formula" (UCF) the UCP simultaneously computes all exhaustive spatial pixels' four basic physical features (for each consecutive UF's frame/s), then there cannot exist any such "material-causal" direct (or even indirect) physical interactions between any two (or more) "elementary particles", "forces" etc.! Therefore, instead of the current "Standard Model", which explains those Three Forces in terms of them arising from an assumed direct (or indirect) "material-causal" physical relationships between specific "particles" or "forces", the New "G-d's Physics" Paradigm suggests that the UCP simultaneously computes all exhaustive spatial pixels in the universe (for every consecutive UF's frame/s), thereby giving rise to the entire UF's frame and negating the possibility of the existence of any direct or indirect "material-causal" physical interaction/s between any such subatomic particles;

Interestingly, this New "G-d's Physics" "A-Causal Computation" Paradigm has been shown to offer a satisfactory alternative explanation replicating all relativistic and quantum phenomena, laws, and effects based on the discovery of this singular higher-ordered UCP/UCR's consecutive computation of an extremely rapid series of "Universal Frames" (UF's) (e.g., at the incredible rate of  $c^2/h = 1.36^{50}$  sec!) Thus, for instance, the New "G-d's Physics" accounted for the apparent "curvature of Space-Time" by certain "massive-objects" alternatively through its conceptualization of the UCP's simultaneous computation of all exhaustive spatial pixels in the universe (for every consecutive UF's frame/s) based on two (out of three) of its "Computational Dimensions", i.e., of "Framework" ("frame"/"object") and "Consistency" ("consistent"/"inconsistent") giving rise to the four basic physical features of "space" and "energy" (e.g., "Frame"- "consistent" and "inconsistent" UCP's computation), "mass" and "time" (e.g., "Object"- "consistent" and "inconsistent" computational measures, respectively); Indeed, the alternative theoretical explanation that "G-d's Physics" offers to what appears to be a (direct) "material-causal" physical relationship between certain "massive-objects" and their "curvature of Space-Time" is based on this UCP's simultaneous computation of "more massive" objects as more "spatially-consistent" (e.g., as defined through the mentioned UCP's "Object-consistent" computational definition), relatively to "less-massive" objects – which therefore creates "high-mass"/"more spatially-consistent" regions within the series of UF's frames, as opposed to "low-mass"/"less spatially consistent" regions, which therefore seem to "disappear" or be "less spatially-consistent" relative

to the "high-mass"/"more spatially-consistent" regions; which therefore gives the "impression" as if the more massive "high-mass"/"more spatially-consistent" "curve Space-Time" – but in truth, it is only the distribution of those "more massive"/"more spatially-consistent" regions which remain relatively constant" across the given series of UF's frames, as opposed to the distribution of the other "less-massive"/"less spatially-consistent" regions around the (former) "more massive"/"more spatially-consistent", which gives the "appearance" of the "curvature of Space-Time" by certain "massive objects"!

Somewhat similarly, the profound new explanation of "G-d's Physics" "A-Causal Computation" New Paradigm for the Four basic Forces of Nature – which for the first time in Physics successfully unifies between all of them, e.g., and not just between Three of them as explained in the "Standard Model"; and perhaps even more significantly, also unifies for the first time in Physics (history) between the four basic physical features of "space" and "energy", "mass" and "time" – going beyond Einstein's General Relativity Theory's capacity to unify between "space" and "time" (as the four dimensional "Space-Time" continuum), between "energy" and "mass" (as the "E=Mc<sup>2</sup>" Energy-Mass Equivalence), and connect "mass" with "Space-Time" as "curving Space-Time"; the new "G-d's Physics" explanation for the complete unification of those Four Forces as well as of the four basic physical features (of "space", "energy", "mass" and "time") is based on the abovementioned novel "Universal Computational Formula" indicating the UCP's simultaneous computation of those four basic physical features for every exhaustive spatial pixel in the universe (for every consecutive UF's frame/s) based on the UCP's new computational definitions derived from the UCP's "Frame" – "consistent" ("space") or "inconsistent" ("energy"), or "Object" – "consistent" ("mass") or "inconsistent" ("time") computations! In this manner, the novel "Universal Computational Formula" (UCF) offers an entirely new (and profound) understanding of the "composition", "true nature", and "dynamics" of the entire physical universe! This is because through its realization that the UCP necessarily has to compute (simultaneously) the four basic physical features for each exhaustive spatial pixel - since they represent "integrative-complimentary" facets of the UCP singular computation of the degree of "consistency" or "inconsistency", e.g., pertaining to any exhaustive spatial pixel relative to the entire "frame" or relative to the "internal composition" of any such given spatial pixel ("object") we realize that what seemed to be those four basic "independent" physical features, e.g., of "space", "energy", "mass" and "time" are in truth but different "complimentary-integrative" computational by-products of the same singular higher-ordered UCP's computation of every exhaustive spatial pixels' "frame"/"object" – "consistent"/"inconsistent"!

In this manner, "G-d's Physics" new "Universal Computational Formula" (UCF) was shown capable of unifying the four basic physical features (of "space", "energy", "mass" and "time") as "complimentary-integrative" computational facets of the same singular higher-ordered UCP's simultaneous computation of all exhaustive spatial pixels comprising the entire physical universe (for every consecutive UF's frame/s)! Likewise, it was shown that the Four basic Forces of Nature ("Weak"/"Strong Nuclear" forces, "Electromagnetic" and "Gravitational" Forces) can also

be derived from this singular UCP's "Universal Computational Formula" based on the recognition that the three "Energy-related" Forces mentioned, i.e., "Weak"/"Strong Nuclear" and "Electromagnetic" Forces are computed by the singular UCP as different "frame"- "inconsistent" energy computations, whereas the Fourth "Gravitational Force" is computed by the UCP as "object-consistent" "mass-related" computation, as explained above and previously; But since all these Four Forces are derived from the same singular UCP's UCF through the UCP's computation of "frame"- "consistent" ("space") or "inconsistent" ("energy"), or "object" – "consistent" ("mass") or "inconsistent" ("time") integrative-complimentary computations, they are all integrated as part of the UCP's singular computation of all exhaustive spatial pixels' four basic physical features (for every consecutive UF's frame/s)! In this manner, it is understood that there cannot exist any "independent" physical features, or "independent" Forces" or "independent" relativistic and quantum elements because all exhaustive spatial pixels in the universe are computed simultaneously by this singular higher-ordered UCP in terms of their "frame"/"object" – "consistent"/"inconsistent" computations! Indeed, this singular UCP's UCF has been also shown to completely integrate all quantum and relativistic features as integral elements within the same singular higher-ordered UCP's computation, as can be glanced from the two respective "Relativistic/Quantum Formats" of the UCP:

This UCF embeds key Relativistic and Quantum relationships (and laws) within this singular (novel) UCF (e.g., The Relativistic "Energy-Mass Equivalence", and Quantum "Heisenberg's Uncertainty Principle's Complimentary Pairs") as can be seen from the UCF's two (respective) Relativistic and Quantum Formats:

**UCF's Relativistic Format:  $e \times s/t = m \times (c^2/h)$**

**UCF's Quantum Format:  $t \times m \times (c^2/h) = s \times e$**

We therefore realize that the New "G-d's Physics" "A-Causal Computation" Paradigm metamorphosizes our basic understanding of the basic nature and dynamics of both the relativistic and quantum realms; wherein it is understood that there cannot exist any direct (or even indirect) "material-causal" physical relationships between any two (or more) exhaustive spatial pixels in any single- or multiple- UF's frame/s, e.g., at either the quantum or relativistic levels, but rather that the UCP simultaneously computes all exhaustive spatial pixels comprising the entire physical universe (for each consecutive UF's frame/s)! This also implies that the basic "material-causal" assumption standing at the basis of the "Standard Model" has to be challenged and negated: The subatomic realm does not operate based on the existence of "independent-particles" which interact with each other, thereby producing certain quantum phenomena, as well as giving rise to the Three Forces (abovementioned)! This is because as stipulated (above and previously), there cannot exist any such "material-causal" direct or indirect physical interactions between any two (or more) exhaustive spatial pixels in any single or multiple UF's frames – e.g., due to the simultaneity of the UCP's computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s and the complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's

frame/s! Moreover, we've already seen that the even the existence of "independent" or "separate" relativistic or "quantum" elements is negated based on the New "G-d's Physics" UCF, since it points at the simultaneous computation of all exhaustive spatial pixels comprising the entire physical universe for every consecutive UF's frame/s! Therefore, we reach the inevitable conclusion wherein replacing the "Standard Model" is "G-d's Physics" New (profound) understanding that the universe does not operate through- or is not based upon- the existence of any "subatomic particles" – but is rather permeated and continuously being created- "dissolved"- recreated- and evolved- solely through the UCP's simultaneous computation of all exhaustive spatial pixels comprising the entire physical universe at every minimal "time-point" (e.g., producing the extremely rapid series of "Universal Frames" at the unfathomable rate of " $c^2/h = 1.36^{-50}$  !)

### b). The "UCP's Ten Hierarchical Computational Dimensions Universal Computational Formula":

Indeed, this new profound realization of the New "G-d's Physics" "A-Causal Computation" Paradigm wherein the universe does not exist as a "solid-material" entity, nor does it operate based on any direct- or indirect- "material-causal" physical interactions between any number of "subatomic-particles" (as assumed by the "Standard Model"), nor are the Four basic Forces underlie by such direct or indirect "material-causal" interactions between such "elementary particles"(!); but is rather solely explained through the UCP's singular higher-ordered continuous (simultaneous) computation- "dissolution"- recreation- and evolution- of all exhaustive spatial pixels in the physical universe (at the incredible rate of " $c^2/h = 1.36^{-50}$  sec!"); inevitably led to the discovery of the "Ten Hierarchical Computational Dimensions" – Universal Computational Formula" (THCD-UCF) "expanded" format of the abovementioned UCF! As explicated and delineated previously:

### c). "G-d's Physics" Novel "Computational Table"!

We now reach the culmination of "G-d's Physics" complete new description of the manner in which this singular higher-ordered UCP simultaneously computes the entire physical universe at every consecutive "minimal time point's" extremely rapid series of UF's (e.g., " $c^2/h = 1.36^{-50}$  sec!") This new profound understanding and description of the physical universe comprises an understanding that one the once hand, due to the simultaneity of the UCP's computation of all exhaustive spatial pixels for each consecutive UF's frame/s, there cannot exist any "material-causal" (direct or indirect) physical interactions between any number of subatomic particles at any single or multiple UF's frame/s – thereby negating the Standard Model's basic underlying "Material-Causal" assumption; but, on the other hand, precisely due to the "mechanics" of the manner in which this singular higher-ordered UCP simultaneously computes all exhaustive spatial pixels comprising each such consecutive UF's frame/s through the (abovementioned) "Ten Hierarchical Computational Dimensions – Universal Computational Formula" (THCD-UCF) it is understood that the "apparent composition" of the entire physical universe by "elementary particles" must conform to- and be "comprised of"- this THCD-UCF computational definition- and properties! In other words, even though the entire physical universe cannot include any direct or indirect "material-causal" physical interactions between any (two or more) exhaustive spa-

tial pixels – hence cannot operate through any (direct or indirect) "material-causal" physical interactions between any number of "elementary particles"; nevertheless, the UCP's continuous computation- "dissolution"- re-creation- and evolution- of all such "elementary particles" is strictly based on this novel ("expanded") THCD-UCF computational definitions, and accompanying (previously delineated) computational definitions of the UCP's computation of the four basic physical features (for each exhaustive spatial pixel simultaneously for every consecutive UF's frame/s!):

### 3. G-d's Physics New UCP's THCD-UCF's "Computational Table"!

We therefore inevitably reach the discovery of the novel "UCP's THCD-UCF's Computational Table"! which for the first time in Physics unifies all apparently "elementary particles" based on their mutual (necessary) computation by the singular higher-ordered UCP, e.g., based on the THCD-UCF! Essentially, this THCD-UCF formulates (and constrains) the possible computational relationships between the four basic physical features of every subatomic particle, which therefore predicts- and explains- every existent- as well as every prospective- subatomic particle, thereby giving rise to the novel "UCP's THCD-UCF Computational Table";

Specifically, it is predicted that every existent (e.g., discovered) or prospective (e.g., to be discovered) subatomic particle would conform to the UCF's stipulated computational relationships between the four basic physical features of "space", "energy", "mass" and "time" – alongside the above outlined computational definitions of each of these four physical features! In this manner, this novel major discovery made by "G-d's Physics" New Paradigm's "UCP's THCD-UCF Computational Table" may be (somewhat) likened to the "historic discovery" of the Chemical "Periodic-Table" which explicated the mutual basis- and atomic values constraints- imposed based on the realization that the difference between the various elements (e.g., also pertaining to the then known chemical elements, as well as to the then "unknown prospective" elements that were verified based on this stipulated "Periodic-Table", subsequently); This is because "G-d's Physics" discovery of the novel "UCP's THCD-UCF Computational Table" also reveals the basic underlying UCP's computational "mechanism" and "constraints" for all (already) discovered and prospective (to be discovered) elementary particles, i.e., as constrained by the UCP's UCF's basic stipulated relationships between the four basic physical features (of "space", "energy", "mass" and "time"), and their accompanying UCP's computational definitions!

### "King Solomon's Van Goh's Temple Illustration Metaphor"

Perhaps another metaphor may be helpful, to illustrate the manner in which this singular higher-ordered UCP continuously computes- dissolves- recomputes- and evolves- every exhaustive spatial pixel in the universe (for each consecutive UF's frame/s) – i.e., on the one hand computing (and creating) specifically every exhaustive spatial pixel and (quantum or relativistic) entity, but on the other hand (on a deeper level) none of these computed (quantum or relativistic) entities "exists independently" of the UCP's overall creation of the universe (e.g., as successive series of UF's frame/s); Imagine King Solomon planning to

build the Jewish Temple – for that purpose calling upon a great "artist-architect" to (first) draw for him a beautiful picture of that "Immaculate Temple"; This is because if we imagine the great (Van-Goch like) artist who paints such a beautiful picture of this immaculate Temple – comprised of an innumerable number of "pixels" "hair-like" colorful lines we realize that none of these "pixel-colorful lines" is in reality responsible for the creation of this beautiful Temple; even though in order to describe it "Van-Goch" used these "pixels-color lines" to illustrate its shape and structure! In other words, we realize through this simple "King Solomon's Van Goh's Temple Illustration Metaphor" that what's responsible for the creation of the Temple is not its constituting "pixel-color lines", but rather the "Vision" of Solomon's "Van-Goch" (artist) of this Immaculate Temple – which is then translated to his disposition of certain "pixel color-lines" to describe the Vision that he has of Solomon's Temple; Even when subsequently this "Blueprint" "Van-Goch Temple Illustration" may be utilized as the basis for an "Architectural Plan" to inform the builders on how to construct the immaculate Temple, still the origination of Solomon's Temple arose from "Van-Goch's" Vision – rather than from the builders' construction of it! Moreover, this "King Solomon's Van Goh's Temple Illustration Metaphor" is not a "perfect metaphor" because according to the New "G-d's Physics" (CUFT) "A-Causal Computation" Paradigm – unlike Van-Goch's production of the "Temple Illustration"- the singular higher-ordered UCP simultaneously computes all exhaustive spatial pixels comprising the entire physical universe (rather than the metaphoric drawing of the Illustration by Van-Goch through a series consecutive depiction of each of these "pixel-color lines");

But, the key "message" of this "King Solomon's Van Goh's Temple Illustration Metaphor" is that the UCP's/UCR's continuous creation- (computation) "dissolution"- re-creation- and evolution- of every exhaustive spatial pixel in the universe (for every consecutive UF's frame/s) does not "depend" upon any direct or indirect "material-causal" physical interaction/s between any two (or more) exhaustive spatial pixels (e.g., since they are all computed simultaneously by this singular higher-ordered UCP), but is rather "driven" by the UCP's/UCR's Ten Hierarchical Computational Dimensions Universal Computational Formula"; Indeed, somewhat alike this "King Solomon's Van Goh's Temple Illustration Metaphor" the UCP's "Vision" of the "Geulah Goal Perfected State" of the universe is what's "driving" its successive creation of the extremely rapid series of UF's frames – and every constituting exhaustive spatial pixel within it!

So, based on the acceptance of the New "G-d's Physics" "A-Causal Computation" Paradigm, e.g., based on the abovementioned recent empirical validation of its unique "Critical-Predictions"; we realize that the entire physical universe could not have been produced through an initial nuclear ("material-causal") "Big-Bang" event, nor does its ongoing evolution and accelerated rate of expansion be explained based on Einstein's Equations' "material-causal" basic assumption, or its associated purely hypothetical "dark-matter", "dark-energy" concepts; Nor can the constitution of the universe's subatomic realm be explained by the equivalently "material-causal" assumption underlying Quantum Mechanics & associated "Standard Model"! This is

because, once again, due to the UCP's singular higher-ordered simultaneous computation of all exhaustive spatial pixels in the universe there cannot exist any direct or even indirect physical interactions between any two (or more) exhaustive spatial pixels or elementary/subatomic particles or "forces" or elements at any single or multiple UF's frame/s; Rather, we saw that this singular, higher-ordered UCP/UCR simultaneously computes all exhaustive spatial pixels – including all subatomic "particles" and relativistic objects, with the current article discovering (for the first time in Physics) that all such subatomic particles must be computed (and constrained) by the UCP's "Ten Hierarchical Computational Dimensions' Universal Computational Formula"! And implied within this UCP's singular THCD-UCF is this UCP's UCR's singular "Ultimate Geulah Goal" of driving the entire physical universe from its initial "inanimate-material" manifestation through "animate": plants, animals and human-beings – until the "Ultimate Geulah Goal" of the Perfected State of Humanity (and Science): Morally, Spiritually (and even Physically) through Humanity's (and Science's) recognition of the singular "Universal Consciousness Reality" as manifesting through its THCD-UCF!

Dedication: This article is dedicated to the Lubavitcher Rabbi, whose Vision is to bring the World to its "Perfected Geulah Goal", to the Great Maimonides, who discovered the singularity of "G-d" as creating the whole World (on the date of his passing, כ ליל א כ as well as the Great Rav Abuhazera whose faith and purity inspired and assisted so many Jews! May Humanity and Science realize the Oneness, Morality and Goodness of this singular higher-ordered "Universal Consciousness Reality", i.e., "G-d" and lead a Morally Perfected Life leading Humanity to its Ultimate "Geulah-Goal" State of the World!

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