

# G-d's Physics Complete Unification of Relativity Theory & Quantum Mechanics, The Four Forces of Nature & Universal Consciousness Reality's "Geulah-Goal" Perfected State!

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Submitted: 09 Mar 2022

Accepted: 15 Mar 2022

Published: 21 Mar 2022

**Citation:** Jehonathan Bentovish (Bentwich), Ph.D. (2022). Special Issue: "G-D's Physics New Twenty-First Century Scientific Paradigm". G-d's Physics Complete Unification of Relativity Theory & Quantum Mechanics, The Four Forces of Nature & Universal Consciousness Reality's "Geulah-Goal" Perfected State!, Journal of Theoretical and Computational Physics. Pg: 01-18.

## Abstract

Twenty-first century Theoretical Physics has reached a "Paradigmatic-Crisis" signified by the Old "Material-Causal" Paradigm of Relativity Theory (RT) and Quantum Mechanics (QM) exhibiting "theoretical inconsistencies" and its inability to explain the accelerated rate of the universe's expansion; which lead to the discovery of the New "G-d's Physics" (Computational Unified Field Theory", CUFT) Paradigm shown capable of resolving these theoretical inconsistencies and discarding "dark-matter" and "dark-energy" as "superfluous" (i.e., non-existent!); In this article, "G-d's Physics" New Paradigm is shown to unify between RT & QM based on its discovery of a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes all exhaustive spatial pixels in the universe at the incredible rate of " $c^2/h = 1.36 \cdot 10^{17} \text{ sec}^{-1}$ " (!) producing an extremely rapid series of "Universal Frame/s" (UF's) through a "Universal Computational Formula" (UCF) which integrates- embeds- and transcends the key relativistic and quantum elements (as "special-cases" within this exhaustive UCF); Based on "G-d's Physics" discovery of the UCP's two "Computational Dimensions" of "Framework" ("frame"/"object") and "Consistency" ("consistent"/"inconsistent") four possible combinations of "Frame – consistent" ("space") or "inconsistent" ("energy"), or "Object – consistent" ("mass") or "inconsistent" ("time"), the UCF completely unifies between these four basic physical features, as well as between the Four basic Forces of Nature! Moreover, based on two advanced new "Computational Invariance Principle" and associated "Universal Consciousness Reality" theoretical postulates the New "G-d's Physics" Paradigm reveals an entirely new understanding of the physical universe as representing a "transient-phenomenal manifestation" of the singular, higher-ordered "Universal Consciousness Reality" which exists continuously both "during" the UCP's computation of each consecutive UF's frame/s, and also exists without the presence of the physical universe "in-between" any two consecutive UF's frame/s; Finally, the discovery of the expanded "Ten Hierarchical Computational Dimensions- Universal Computational Formula" points at the UCP's/UCR's "Ultimate Geulah-Goal" Perfected State of the universe which indicates the singularity of this "All-Goodness", "Moral", "Peace" and "Harmony" characteristics of the UCR!

## 1. Introduction: New CUFT/"G-d's Physics" Paradigm of 21st Century Physics

Twentieth century Physics' Old "Material-Causal" Paradigm underlying both Relativity Theory (RT) and Quantum Mechanics (QM) has reached a state of a "Paradigmatic-Crisis", signified by: a) an apparent "theoretical-inconsistency" between these two (RT & QM) "pillars" of the Old "Material-Causal" Paradigm; b) inability of this Old "Material-Causal" Paradigm to account for up to 95% of all of the mass and energy in the universe, e.g., hypothesized to comprise the purely hypothetical concepts of "dark-matter" and "dark-energy" which failed to be detected even after two full decades of intensive experimental attempts to do so... Such a state of a "Paradigmatic-Crisis" is a typical sign preceding a "Paradigmatic-Shift" from the Old "Standard Paradigm" towards a "New Paradigm" which can resolve those

apparent "theoretical-inconsistencies" of the Old Paradigm and offer a satisfactory alternative explanation for the unexplained physical phenomenon (of the purely hypothetical "dark-matter" and "dark-energy" concepts) – according to Thomas Kuhn's famous analysis of the "Structure of Scientific Revolutions" (1962);

Indeed, precisely such a "Paradigmatic-Crisis" and subsequent "Paradigmatic-Shift" occurred just over 100 years ago, prior to Einstein's "General Relativity Theory" (GRT) in 1919 – when there seemed to exist a basic "theoretical inconsistency" between Newtonian Classical Mechanics and Maxwellian Electromagnetic Theory, and there existed a purely hypothetical "Ether" concept which was assumed to permeate the entire physical universe, but which could not be detected experimentally despite

numerous attempts to do so (including the famous "Michelson Moreley Experiment"); Einstein's genius was to discard this purely hypothetical "Ether" concept as "superfluous" (i.e., non-existent), and to discover the (then) New Paradigm of GRT – which was shown capable of resolving the apparent "theoretical-inconsistency" between Newtonian Mechanics and Maxwellian Theory, and offer a much more broader new Relativistic theoretical framework – within which these two Models were seen as "special-cases"; Fascinatingly, Einstein's own prediction – when asked about the "future fate" of his GRT was his "wish" for GRT to become a "special-case" within a broader theoretical framework: As known, he himself was working relentlessly to find a "Unifying Field Theory" that could unify between GRT and QM. Fortunately, over the past nine years, such a New "Computational Unified Field Theory" (CUFT), recently termed: "G-d's Physics" has been discovered with over fifty peer-reviewed scientific articles published and three Special Issued dedicated to this New "G-d's Physics" Paradigm of twenty-first century Theoretical Physics!

The key Theoretical Postulates of "G-d's Physics" New Paradigm are:

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

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

In order to explain this fine (abstract) new "UCP/A-Causal Computation Paradigm" postulate the New "G-d's Physics" Paradigm utilized a "Cinematic Film Metaphor" depicting: the apparent "breakage of a 'Glass-Jar' by the impact of another 'Mercury-Ball' which seem to "cause" the "spillage of the water" originally contained within that 'Glass-Jar'... Imagine a series of film-

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

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

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

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

Another key discovery made by the New "G-d's Physics" Paradigm is the complete unification of the four basic physical features of "space", "energy", "mass" and "time" as secondary computational by-products computed simultaneously for ev-

ery 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.

**Universal Computational Formula (UCF):**

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

where in 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 "י" depending on the Moral Choice of each Individual Human Consciousness – as computing and integrating these four basic physical features of "space" and "energy", "mass" and "time", at the incredible rate of: "c<sup>2</sup>/h" = 1.36<sup>-50</sup> sec'!

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

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

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

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

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

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

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

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

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

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

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

## 4) The fourth "Dynamic-Equilibrium Moral Principle" Hierarchical Computational Dimension ("דסה"/Chessed):

This "Dynamic-Equilibrium Moral Principle" relates to the actual execution of the UCR's fourth "Reversed-Time Geulah -Goal" Hierarchical Computational Dimension, i.e., based on a Compassionate ("Chessed/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 State" in which all human-beings (and Humanity more general-

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

##### **5) The Fifth UCR's "Multi Spatial-Temporal Reservoir" Hierarchical Computational Dimension ("Devorah"/"הדרבה"):**

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

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

The sixth "Collective Human Consciousness Focus Hypothesis" Hierarchical Computational Dimension postulates that the actual manifestation of the entire physical universe critically depends upon the UCR's close relationship with a "Collective Human Consciousness Focus" aimed towards that UCR! In other words, according to "G-d's Physics" New 21st century Par-

adigm, 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 Goal Hierarchical Computational Dimension's" realization that the UCR "pre-plans" the entire evolution of the universe including its evolution from "inanimate" matter through "animate": plants, animals and human-beings all leading towards the Ultimate "Geulah Goal" of Human Moral and Spiritual Perfection and recognition of the singularity and "All-Goodness" nature of this UCR, we can understand that the UCR opts to compute an entire "New (Jewish) Year" in response to the "Collective Human Consciousness Focus Hierarchical Dimension – which manifests also in the "Non-Continuous Accelerated Expansion of the Universe" during the Jewish "Rosh-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-Kabballah symbol given to this sixth "Collective Human Consciousness Hierarchical Computational Dimension" is "תראפת/Tiferet" which translates as "Glorification" because it signifies such "Collective Human Consciousness Focus" Glorification- or focus on- and prayer towards- this singular, higher-ordered UCR.

### 7) The Seventh "Computed Object Potential Values Hierarchical Computational Dimension" ("הצני"/"Netzach"/"Eternal"):

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

**8) The "Teshuva"("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" – where in if any individual person choses to ask "forgiveness" from the other person upon which it inflicted pain or suffering as well as from the Universal Consciousness Reality (UCR) and makes a conscious resolute decision to not repeat any such wrongdoing moral action/s (which constitutes the Jewish term of "Teshuva"); in such case, the UCR's Eighth "Teshuva" Hierarchical Computational Dimension will re-compute and in fact alter the already selected Seventh "Computed Object Potential Values Hierarchical Computational Dimension" ("הצני"/"Netzach"/"Eternal" ) values computed for that individual human-being's computed immediate pending "future" UF, i.e., replacing the "correcting" equivalent UF frame in which this "offending" individual would have to experience an "equivalent" painful experience (to the one experienced by the person offended by the "immoral choice" made by him/her) with a "positive" immediate future UF frame – based on the fact that that individual human-being already made "Teshuva" (sincere repentance and resolute decision not to repeat any such "immoral" action/s!) It is represented by the Jewish Chassidic-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 -Goal" State, at every point in time...**

### 9) The Ninth UCR's "Actual Computed Object Values Hierarchical Computational Dimension" ("דוסי"/"Yesod" (Foundation)):

Signifies the UCR's actually computed values for all of the objects in the universe for each consecutive UF's frame/s which is based on all previous Hierarchical Computational Dimensions! It is therefore represented by the Jewish Chassidic-Kabballah term of "דוסי"/"Yessod" or "Foundation" the UCR's actual com-

puted 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 -Goal" Perfected Moral and Spiritual State necessarily involves the UCR's computation of "pairs" of "offending-offended" individual human-beings, which would have to experience the equivalent "corrected" Moral State, e.g., involving their "placement" within the same UF's frame/s (once again, computed by the UCR's Tenth "Ten Hierarchical Computational Dimensions' Universal Computational Formula"/"תוכלמ"/"Kingdom" Hierarchical Computational Dimension, below:)

### 10) The "Ten Hierarchical Computational Dimensions' Universal Computational Formula"/"תוכלמ"/"Malchut" (Kingdom) Hierarchical Computational Dimension ("רתכ"/"Keter-Infinity" ("Crown")):

This tenth concluding Hierarchical Computational Dimension signifies the UCR's actual computation of each consecutive Universal Frame (UF), including all of its four basic physical features of "Object" – "consistent" (mass) and "inconsistent" (time), and "Frame" – "consistent" (space) and "inconsistent" (energy) for every exhaustive spatial pixel comprising the entire universe (for each minimal time-point UF's frame/s)! It consumes all of the previous Hierarchical Computational Dimensions as comprising any single consecutive UF's frame/s, thereby executing and "building" the "Kingdom" of the UCR's series of UF's inevitably leading to Its "Ultimate Geulah -Goal" Perfected State of the world and the universe! This includes the full integration of the previous (ninth) "דוסי"/"Yessod"- "Foundation" Hierarchical Computational Dimension' comprising only the two "Object" – "consistent" (mass) and "inconsistent" (time) physical features associated with every exhaustive object comprising the entire physical universe, together with the two other "Frame" – "consistent" (space) and "inconsistent" (energy) physical features that are necessary in order to create any single (consecutive) UF's frame! It also necessitates the direct involvement and "power" of the Infinite UCR's Essence (or "רתכ" / "Crown") as it is called in the Jewish Chassidic-Kabballah Tradition which (as it were) "stands alone" in its 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-Infinitude ("Crown"); This is because in order to manifest, integrate and compute the entire physical universe simultaneously – at the incredible rate of " $c2/h$ " = 1.36-50 (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 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-Infinitude!

## 2. G-d's Physics' Unification of RT & QM: A New "Non-Local", "A-Causal Computation" Paradigm

The principle "theoretical-inconsistency" that exists between GRT and QM is centered around two primary issues:

### a) "Non-Locality" – Transcending the "Speed of Light Barrier":

According to GRT there cannot be any transmission, signal or any physical effect that transcends the "Speed of Light Barrier"; But, according to QM, the "Quantum Entanglement" phenomenon indicates that a measurement of one "entangled particle" – separated by a distance greater than can be traversed by a light signal from the other "entangled particle" "instantaneously" affects and determines the other entangled particle's "complementary measurement values"! Therefore, the Quantum Entanglement phenomenon seems to contradict the Strict "Light Speed Barrier" constraint set by GRT!

### b) Probabilistic vs. Positivist Properties:

Additionally, there seems to exist a basic discrepancy between GRT and QM in the sense that GRT describes relativistic (macroscopic) behavior in "positivist" terms, whereas QM can only relate to subatomic (microscopic) behavior in "probabilistic" values; Thus, whereas Einstein's Equations allow for the precise determination of any (space-time, energy-mass) relativistic object's physical properties, dynamics, travelling-pathway/s etc., QM's subatomic target's probability wave function "collapse" – is constrained by the corresponding physical complementary

properties of the subatomic "probe" element, which in any event produce only a probabilistic complimentary value of the "collapsed" target's element!

Significantly, the New "G-d's Physics" Paradigm is able to resolve this apparent principle "theoretical inconsistency" between GRT & QM based on its discovery of the singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes every exhaustive spatial pixel in the universe – thereby producing an extremely rapid series of "Universal Frames" (UF's) at the incredible rate of " $c2/h$ " = 1.36-50 sec'! The resolution of these apparent "theoretical inconsistencies" between GRT & QM emerge from "G-d's Physics" several "Theoretical Postulates" and characteristics:

### a) "G-d's Physics": "Single- Multiple- & Exhaustive- Spatial-Temporal Computation"!

"G-d's Physics" New Paradigm represents an "exhaustive computational framework" – i.e., which simultaneously computes all exhaustive spatial pixels in the universe for every "minimal time-point" UF's frame/s! As such, it integrates, embeds (and transcends) the "less-exhaustive" computational measures of "single spatial-temporal", "multi spatial-temporal" and "exhaustive spatial-temporal" computational levels! Indeed, according to "G-d's Physics" New (21st century) Paradigm, the singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) simultaneously computes all single- multiple- and exhaustive- forms of computation, e.g., with the (most) "exhaustive spatial-temporal" computation embedding and transcending- the more limited "single spatial-temporal" and "multi spatial-temporal" levels of computations being included (and transcended) by this "exhaustive spatial-temporal computation"! In this manner, it was previously shown the UCP "multi-level computational framework" allows it to compute all "single spatial-temporal subatomic "particle" or relativistic "object" properties; "multi spatial-temporal wave" properties and exhaustive UCP's UF's computations. In fact, the manner in which "G-d's Physics" is able to unify between RT's generally "single spatial-temporal" relativistic "object", and QM's combination of "single spatial-temporal particle" and "multi spatial-temporal wave" computational levels is based on the "exhaustive spatial-temporal" computation of the UCP – of all "single spatial-temporal" ("particle/object") and "multi spatial-temporal wave" (e.g., subatomic) computational levels;

### b) "G-d's Physics" A-Causal Computation" Paradigm:

Another key discovery made by the New "G-d's Physics" Paradigm is its "A-Causal Computational" nature – e.g., stemming from the UCP's simultaneous computation of all exhaustive spatial pixels in the universe (for each consecutive UF's frame/s)! This simultaneity of the UCP's computation of all exhaustive spatial pixels for each consecutive UF's frame/s negates the possibility of the existence of any direct (or even indirect) "material-causal" physical interactions – either relativistic or quantum (subatomic) at any single or multiple UF's frame/s. Therefore, the New "G-d's Physics" Paradigm negates the fundamental "material-causal" assumption underlying both RT's and QM's theoretical models, thereby pointing at the true underlying singular, higher-ordered UCP which simultaneously computes all exhaustive spatial pixels (for each consecutive UF's frame/s)

and which is characterized by its "A-Causal Computation" Paradigm: Since the UCP simultaneously computes all exhaustive spatial pixels in the universe for each consecutive UF's frame/s, and since the entire physical universe "dissolves" back into the singularity of the UCP "in-between" any two consecutive UF's frame/s, therefore there cannot exist any (direct or indirect) "material-causal" physical interactions between GRT's "massive objects" and their (assumed) "causing" of a curvature of "Space-Time"! This is because both "during" any single- or multiple- UF's frame/s there cannot exist any such (direct or indirect) "material-causal" physical interaction/s between any given "massive-object" and its surrounding "Space-Time" fabric (due to the simultaneity of the UCP's computation of all exhaustive spatial pixels for any single- or multiple- UF's frames); and also "in-between" any two consecutive UF's frame/s, there cannot exist any "transference" of any such "material-causal" physical interaction/s (or effect/s) between any given "massive-object/s" and any segment/s of "Space-Time" (due to the complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's frame/s). Therefore, GRT's Einstein's Equations' "material-causal" assumption is negated – wherein it is assumed that it is the presence of certain "massive-objects" that "cause" the curvature of "Space-Time", and conversely that it is this "curved Space-Time" which "causes" (or determines) the "travelling-pathways" of these massive (or other less-massive) objects! Likewise, QM's fundamental "material-causal" assumption is also negated – which assumes that it is the direct physical interaction between the subatomic "probe" element and its corresponding subatomic "target's probability wave-function" that "causes" the "collapse" of this (assumed) target's probability wave-function into a singular (complimentary) "space-energy" or "time-mass" value! Instead, the New "G-d's Physics" "A-Causal Computation" Paradigm transcends the narrow constraints of the Old "Material-Causal" Paradigm's Relativistic or Quantum Models in favor of the recognition of the UCP's singular higher-ordered (exhaustive) spatial-temporal computation:

**c) "G-d's Physics" Universal Computational Formula (& Computational Dimensions):**

More specifically, "G-d's Physics" New Paradigm's capability to unify between RT & QM is based on the UCP's new computational definitions of the four basic physical features of "space" and "energy", "mass" and "time" – as representing different combinations of two (of the three) "Computational Dimensions", e.g., "Framework" ("frame" or "object") and "Consistency" ("consistent" or "inconsistent"), as computed simultaneously by the UCP for all exhaustive spatial pixels in the universe (for each consecutive UF's frame/s) through the UCP's "Universal Computational Formula"! As outlined above (and previously) the UCP's computational definitions of "mass" and "time" arise from its "Object" – "consistent" ("mass") or "inconsistent" ("time") combinations, whereas its computational definitions of "space" and "energy" stem from the two possible computational combinations of "Frame" – "consistent" ("space") or "inconsistent" ("energy")!

**Universal Computational Formula (UCF):**

$$c^2 \cdot \text{UF's } \{n \dots n \dots n\} = \frac{s}{t} * \frac{e}{m}$$

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

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

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

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

such that:

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

where in 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:

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

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

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

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

such that:

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

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

In this manner, "G-d's Physics" newly discovered "Universal Computational Formula" points at the complete integration of these apparently "distinct" basic four physical features of "space", "energy", "mass" and "time" as integral parts of the UCP's simultaneous computation of all exhaustive spatial pixels' (four basic physical features):

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

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

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

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

such that:

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

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

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

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

such that:

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

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

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

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

such that:

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

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

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

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

such that:

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

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

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:**  $t \times m \times (c^2/h) = s \times e$

Indeed, as may be seen from the two Relativistic and Quantum Formats of this singular Universal Computational Formula, some of the key findings and relationships found in both RT and QM are embedded as "special-cases" within the broader exhaustive computational framework of "G-d's Physics" UCF; Thus, for example, GRT's famous "Energy-Mass Equivalence", " $E=Mc^2$ " is embedded within the Relativistic UCF Format (highlighted in bold):

Likewise, the known "Heisenberg's Uncertainty Principle's" complimentary pairs measurement constraint set by Planck's constant is seen as embedded within the Quantum Format of the UCF (e.g., also bolded):

We thus see that the complete unification of RT & QM is achieved through a recognition of the singular, higher-ordered UCP's novel computational definitions of those four basic physical features; This is because key features of both RT & QM are embedded as integral computational elements within the UCP's singular "Universal Computational Formula" (e.g., two corresponding Formats).

### 3. "G-d's Physics" Complete Unification of Space, Energy, Mass & Time!

One of the breakthrough discoveries of "G-d's Physics" New Paradigm is its "Universal Computational Formula" which completely unifies between the four basic physical features of "space" and "energy", "mass" and "time" – as integral, secondary computational by-products of the singular higher-ordered UCP simultaneous computation of all exhaustive spatial pixels in the universe! Indeed, it is important to note that whereas (General) Relativity Theory integrates between "space" and "time" (as a unitary four dimensional "Space-Time" continuum) and between "energy" and "mass" (e.g., through its famous "Energy-Mass Equivalence" : " $E = Mc^2$ "), as well relates the "curvature of Space-Time" by "massive objects" and conversely describes the "travelling-pathways" of those "massive"

and "less-massive" objects based on this assumed curvature of "Space-Time"; still there lacks a complete unification between those four basic physical features comprising the physical universe! Likewise, in Quantum Mechanics, there exist fine inter-relationships found between Heisenberg's "Uncertainty Principle's" "complimentary pairs" of "space and energy" or of "mass and time" – e.g., wherein increasing the measurement accuracy of any one of these pairs elements (for instance increasing the measurement accuracy level of the "spatial localization" of any given subatomic target element proportionally decreases that target's "energy level" measurement accuracy); But, in both Relativistic and Quantum Mechanical Models those four basic physical features of "space", "energy", "mass" and "time" remain conceptually "separate" from each other. In contrast, G-d's Physics New Paradigm completely integrates these apparently "separate" physical features based on the singularity of the UCP's simultaneous computation of them as integral elements within the Universal Computational/Consciousness Principle's computation of the degree of "Consistency" (consistent/inconsistent) of each exhaustive spatial pixel in the universe – pertaining to its "Framework" (e.g., relative to the entire "frame" or just to an "object's" internal constitution): Indeed, the newly discovered "Universal Computational Formula" completely integrates these four basic physical features of the physical universe – as the UCP's incredibly rapid (" $c^2/h = 1.36^{-50}$  sec!") computation of each exhaustive spatial pixels' degree of "Frame" – "consistent" ("space") or "inconsistent" ("energy") level!

where in 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 ט" to "ת" depending on the Moral Choice of each Individual Human Consciousness – as computing and integrating these four basic physical features of "space" and "energy", "mass" and "time", at the incredible rate of: " $c^2/h = 1.36^{-50}$  sec!")

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

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

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

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

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

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

More fundamentally (and generally), the "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" Paradigm brings about a basic change in Physics' most

basic assumptions: instead of the Old "Material-Causal" basic assumption wherein it is assumed that any material-physical (relativistic or quantum) phenomenon can be explained merely in terms of certain direct (or indirect) "material-causal" physical interactions – the New "G-d's Physics" Paradigm teaches us to abandon this "material-causal" assumption in favor of the singular higher-ordered UCP simultaneous computation of every exhaustive spatial pixel in the universe comprising the extremely rapid series of UF's frames! This basic "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm towards the New "G-d's Physics" Paradigm's discovery of the singular higher-ordered UCP's simultaneous computation of every exhaustive spatial pixels comprising the entire physical universe (for each consecutive UF's frame/s) was indeed already shown to revise some of our most basic ("material-causal" assumptions) of 20th Century Theoretical Physics: Hence, "G-d's Physics" New Paradigm was shown to negate the "Big-Bang" Model, Einstein's Equations' "material-causal" assumption regarding the "curvature of Space-Time as caused by the presence of massive objects", Quantum Mechanics' "material-causal" assumption regarding the subatomic particle's "collapse of the probability wave-function" as "caused" by its direct physical interaction with a corresponding subatomic probe element; discarded the very existence of "dark-matter" and "dark-energy" purely hypothetical concepts – as "superfluous" (i.e., non-existent) due to the empirical inability to detect it coupled with its basic "material-causal" assumption assuming that it is the direct physical interaction between these purely hypothetical "dark-matter" and "dark-energy" concepts that "causes" the accelerated expansion of particular galaxies and the universe (more generally)! Indeed, the basic theoretical breakthrough discovered by "G-d's Physics" New Paradigm is that all of these Relativistic or Quantum Mechanical phenomenon can be explained based on such a "G-d's Physics" newly discovered singular higher-ordered UCP's simultaneous computation of every exhaustive spatial pixel comprising the entire physical universe (at each consecutive UF's frame/s at the incredible rate of  $c^2/h = 1.36^{50} \text{ sec}^{-1}$ )

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

lated in those Einstein's Equations indicating that it is this "curvature of Space-Time by massive objects" which "causes" or determines the travelling-pathways of those and other less massive objects) – due to the UCP's simultaneous computation of every exhaustive spatial pixel comprising the entire physical universe for each consecutive UF's frame/s and the complete "dissolution" of the physical universe "in-between" any two such consecutive UF's frames which negates the possibility of any such "material-causal" physical interactions!

#### 4. Unifying the Four Basic Forces of Nature: Discovery of "G-d's Physics" New Universal Computational Formula!

Instead, the manner in which the New "G-d's Physics" Paradigm offers an alternative theoretical explanation for all of those Relativistic or Quantum phenomena is solely based on the newly discovered "Universal Computational Formula" (UCF, above mentioned) which simultaneously computes the four basic physical features of "space" and "energy", "mass" and "time" of each exhaustive spatial pixel/c comprising the entire physical universe (of each consecutive UF's frame/s) – as secondary computational by-products of the UCP's singular computation! This also means that the four basic forces of Nature – i.e., the Weak and Strong Forces, and the Electromagnetic Force and the Gravitational Force are all solely derived and produced by this singular higher-ordered UCP's UCF description of the UCP's simultaneous computation of each of the universe's exhaustive spatial pixels four basic physical features of "space" and "energy", "mass" and "time" – as "frame's" or "object's" – "consistent" or "inconsistent" computations! This is where we have to closely analyze and realize "G-d's Physics" UCP's new computational definitions of each of these Four Forces – which solely relies upon the singular higher-ordered UCP's computation of the various forms of "energy", i.e., including any of these three "Weak", "Strong" and "Electromagnetic" Forces, and of "mass" – e.g., which gives rise to what appears as the "Gravitational" Force, as manifesting through the UCP's (abovementioned) "Universal Computational Formula"! As noted above (and previously), the UCP's computation of any type of "energy" is computed by this singular higher-ordered UCP as the degree of "displacement" of any (relativistic or quantum) object relative the coordinates of the entire Universal Frame/s across a series of UF's frames; this means that the "root" for all three "Strong, Weak and Electromagnetic Forces is the UCP's computation of their degree of "displacement" across a given series of UF's frames! Moreover, based on the complete integration of those four basic physical features comprising any exhaustive spatial pixel in the universe through the UCP's Universal Computational Formula (UCF), therefore the entire array of subatomic particles described by the Standard Model – amongst which those Three Nuclear Forces operate are exhaustively described by the UCP's UCF! Indeed, the multifarious different levels of electromagnetic charge, mass, energy values etc. of each of these particular Standard Model particles and components manifests as one of the specific configuration and relationships described by the UCP's newly discovered UCF! In other words, the Three Strong, Weak, Electromagnetic Forces describe different levels and configurations of the UCP's singular higher-ordered UCP's computation of the degree of any given particle (object) displacement across a given

series of UF's frames! In that sense, there is no real "difference" between the UCP's computation of the degree of "displacement" of the Strong, Weak or Electromagnetic Forces operating within the nucleus or between the nucleus and its surrounding particles or between particles and other elements; In fact, the whole theoretical conceptualization of the very computational definitions of each of these multifarious Standard Model particles – including their mass, energy, localization and temporal values is viewed (for the first time) as one singular fully integrated computation by the UCP, rather than existing as "separate" and "independent" particles operating by different (Three) Strong, Weak or Electromagnetic Forces... No longer are the various Standard Model particles viewed as "independent" entities, nor do the Three Forces operating between them or uniting them seem as "separate" or "independent"; rather, the New "G-d's Physics" Paradigm's discovery of the singular higher ordered Universal Computational Formula completely unifies all of these apparently different subatomic particles and the Three Forces governing them as manifestations of different possible relationships described by this singular higher-ordered UCP UCF!

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

not appear "spatially-consistent" across a series of UF's frames! This according to "G-d's Physics" New Paradigm creates an appearance of the "curvature" of "Space-Time" around certain "massive objects"?! In much the same manner, "G-d's Physics" New Paradigm also offers an alternative new theoretical account for these "Three Forces" – not as being "caused" by any direct (or indirect) physical interactions between any of the "Standard Model" list of existing particles, but rather as being produced by the UCP's simultaneous computation of all exhaustive spatial pixels in the universe (for each consecutive UF's frame/s), thereby producing these "apparent" subatomic particle's associated "Three Forces"!?

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

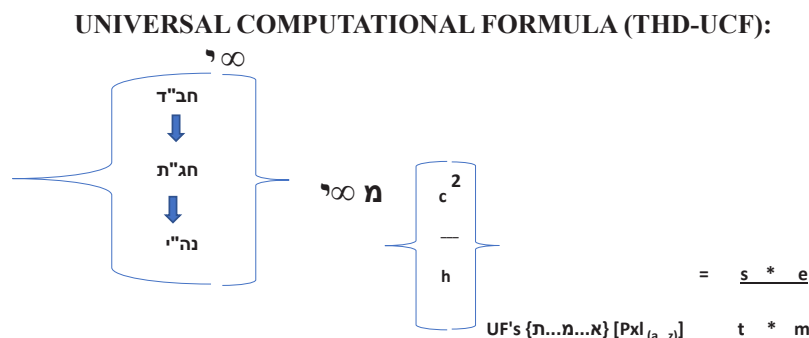
In other words, the manner in which "G-d's Physics" New Paradigm unifies between the "Three Forces" and the "Gravitational Force" is based on its discovery of the singular higher-ordered UCP's simultaneous computation of all of the physical universe's exhaustive spatial pixels based on its unitary "Universal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

### 5. Discussion: The New "G-d's Physics" Paradigm's "Universal Consciousness Reality" (UCR) & "Geulah-Goal" Theoretical Postulates!

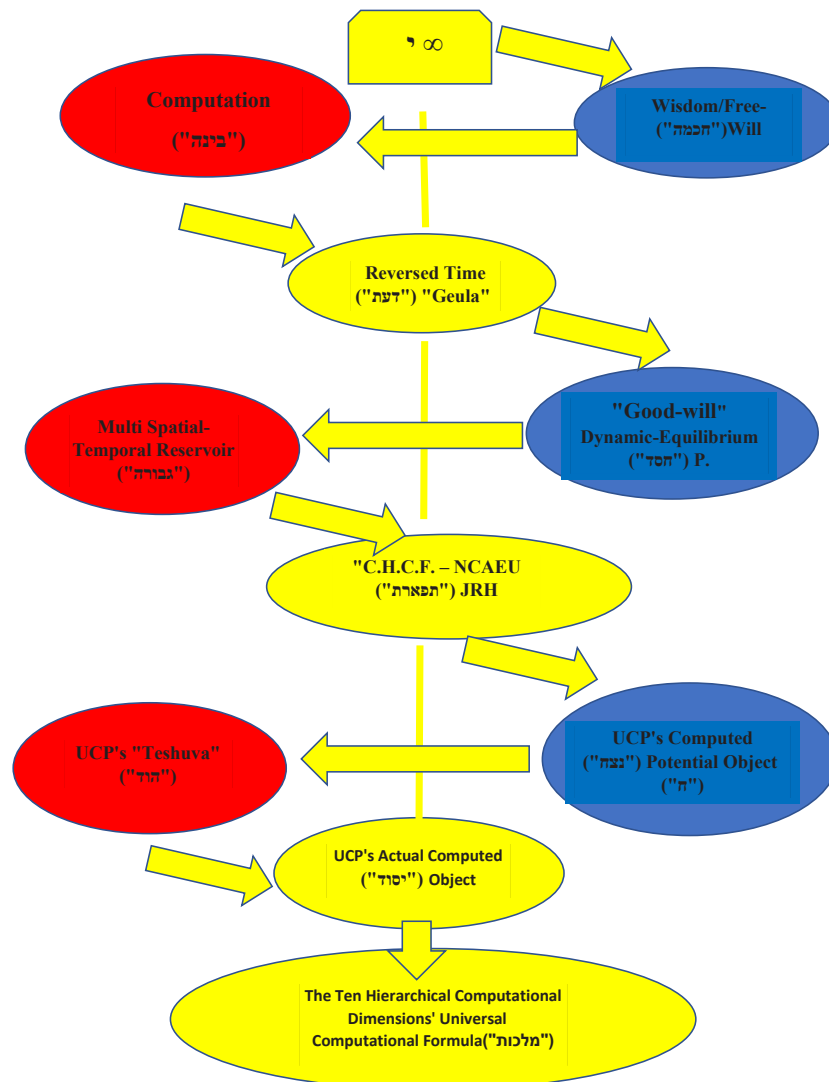
We thus reach a completely new theoretical understanding of the true singular higher-ordered underlying the entire physical universe – and indeed transcending it! This is because not only we've seen that the Old "Material-Causal" Paradigm's basic assumption wherein it was assumed that the physical universe was created by an initial "Big-Bang" nuclear event, is governed by GRT's "Einstein's Equations" (material-causal assumption's) "curvature of Space-Time" as "caused" by certain "massive-objects" and corresponding determination of the "travelling-pathways" (of those "massive" and other "less-massive" objects), and subsequent acceleration of the rate of the universe's rate of expansion as assumed to be "caused" by the presence of (purely hypothetical) "dark-matter" and "dark-energy" concepts is negated by the New "G-d's Physics" "A-Causal Computation" Paradigm; As well as "G-d's Physics" negation of the probabilistic interpretation of QM which is also based on such "material-causal" assumption (e.g., assuming the "collapse" of the subatomic target's "probability wave-function" based on its direct physical interaction with a corresponding subatomic "probe" element) due to the simultaneity of the UCP's computation of all exhaustive spatial pixels in the universe (for each consecutive UF's frame/s); Not only was the New "G-d's Physics" Paradigm shown to unify between the Old "Material-Causal" Paradigm's Models of GRT and QM based on their embedding within the singular higher-ordered "Universal Computational Formula" (UCF) through the UCP's two Computational Dimensions of "Framework" and "Consistency" four possible computational combinations etc. Not only was this New "G-d's Physics" Paradigm shown capable of unifying (for the first time in Theoretical Physics) between those four basic physical features of "space"

and "energy", "mass" and "time" as representing secondary computational features of the UCP's singular, simultaneous computation of every exhaustive spatial pixel in the universe (for each consecutive UF's frame/s); and ensuing unification of the four basic Forces of nature as representing different facets of this singular higher-ordered UCP's computation as represented by its "Universal Computational Formula" (UCF) – and subsequent (highly) significant prediction of the existence (and future discovery) of all possible UCF's based elementary subatomic particles' (features)!

The New "G-d's Physics" "A-Causal Computation" Paradigm advances our basic understanding (and appreciation) of the real singular higher-ordered "Universal Computational/Consciousness Principle"(UCP) and subsequent "Universal Consciousness Reality" (UCR) as constituting the "reality" underlying- and indeed transcending- the entire physical universe; as outlined above (and previously), based on "G-d's Physics" two associated theoretical postulates of the "Computational Invariance Principle" and "Universal Consciousness Reality" (UCR), which state that since only this singular higher-ordered "Universal Computational/Consciousness Principle" exists both "during" its (simultaneous) computation of every consecutive UF's frame/s' exhaustive spatial pixels' four basic physical features, and also solely exists "in-between" any two consecutive UF's frame/s – without the presence of any physical universe; whereas the entire physical universe (and all of its constituting exhaustive spatial pixels' four basic physical features) exists only "during" the UCP's computation of every consecutive UF's frame/s, but ceases to exist and "dissolves" back into the singularity of this UCP "in-between" any two consecutive UF's frame/s; therefore, only this singular higher-ordered "Universal Consciousness Reality" may be regarded as "computationally-invariant", i.e., existing uniformly, constantly and uniformly both "during" each of its consecutive UF's frame/s and also existing "in-between" any two consecutive UF's frames, whereas the existence of the entire physical universe may only be regarded as "computationally-variant" – e.g., existing only "transiently" and "phenomenally" "during" each consecutive UF's frame/s, but ceasing to exist and "dissolving" back into the UCP's singularity "in-between" any two consecutive UF's frame/s! Hence, the "Universal Consciousness Reality" (UCR) postulates that truly there only exists one singular higher-ordered "Universal Consciousness Reality" (UCR) which manifests "transiently" and "phenomenally" as the physical universe "during" each consecutive UF's frame/s and also exists singularly "in-between" any two consecutive UF's frame/s!



**Figure 1: THE TEN HIERARCHICAL DIMENSIONS'**



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

Once we begin realizing that the entire physical universe is only a "transient-phenomenal manifestation" of this singular higher-ordered "Universal Consciousness Reality" (UCR), and based on the recent discovery of the expanded "Ten Hierarchical Computational Dimensions – Universal Computational Formula" (THCD-UCF); Our basic conception and understanding of the manner in which this singular higher-ordered "Universal Consciousness Reality" manifests as the physical universe – and specifically, the UCR's associated "Ten Hierarchical Computational Dimensions - Universal Computational Formula" (THCD-UCF) "driving" the UCR's manifestation of the ("transient-phenomenal") universe is significantly altered! We realize that the entire physical universe is being continuously computed- "dissolved"-re-computed- and evolved- for each of its constituting exhaustive spatial pixels based on the UCR's pre-planned Ultimate Goal of "Geulah", i.e., a state of "Moral, Spiritual (and even Physical) Perfection", based on the "Reversed-Time Geulah Goal" Hierarchical Computational Dimension (e.g., which constitutes one of those Ten Hierarchical Computational Dimensions); In fact, we begin realizing that this "pre-planned" "Ultimate Geulah Goal" of this singular UCR, alongside all other nine Hierarchical Computational Dimensions represent essential characteristics of this singular higher-ordered UCR's "Divine Universal Reality"

(which is the most recently discovered "culminating" theoretical postulate of "G-d's Physics" New 21st century Paradigm)!

This is because when we closely examine each of these "Ten Hierarchical Computational Dimensions" (THCD), including: the UCR's (initial) "Free-Will/Wisdom" (המכח) signifying the UCR's "Free-Will" to create an apparently "independent" material physical universe; its (secondary) "Computation" (הניב) Hierarchical Computational Dimension representing the UCR's basic conceptualization of the three "Computational Dimensions" (e.g., "Framework", "Consistency" and "Locus") creating the four basic physical features of "space", "energy", "mass" and "time" which serve as the fundamental physical framework of the universe; the (third) "Reversed Time Geulah Goal/ (תעד) Hierarchical Computational Dimension signifying the (above-mentioned) "pre-planned" UCR's "blue-print" for the evolution of the universe from its "end-desired" "Geulah-Goal Perfected State" "backwards" to the initial "inanimate" material appearance of a physical universe through the UCR's ("pre-planned") "animate": plants, animals and human-beings (increasingly more "expansive" forms of this singular higher-ordered UCR) and up till the Ultimate Geulah-Goal Perfected State of Humanity in which the singularity of this UCR is recognized and re-

alized; the (fourth) "Good-Will"/"Dynamic-Equilibrium Moral Principle" (דסה) Hierarchical Computational Dimension representing the UCR's formation of a fundamental "moral-balancing/reinforcement Dynamic-Equilibrium Moral Principle, which allows each individual human-being (as well as the whole of Humanity, collectively) to "learn" its "inseparability" from this singular higher-ordered UCR (and from each other) by selecting one of multiple possible future/s (stored within the UCR's "Multi Spatial-Temporal Reservoir" of all "past"- "present"- and "multiple possible future/s") based on every individual human-being's moral choice/s at every moment; the (fifth) "Multi Spatial-Temporal Reservoir"/"הרובג" which de-facto "stores" all of the "past", "present", and "multiple possible future/s" for each individual human-being at each point in time (comprising all "past"- "present"- and multiple possible "future/s" UF's; the (sixth) "הראפת Hashana"/" (two days' special time-interval) Hierarchical Computational Dimension signifying the UCR's response to a "Collective Human Consciousness Focus" such as in the Jewish "Rosh-Hashana" two days' special time-interval, e.g., in which millions of Jews focus on this singular higher-ordered UCR, i.e., "G-d"! which brings about a "Non-Continuous Accelerated Expansion of the Universe" by this UCR (e.g., in effect computing the entire subsequent Jewish Year's Multi Spatial-Temporal Reservoir's "bulk" of all "past"- "present"- and "multiple possible future/s" UF's frame/s for all human-beings); the (seventh) "UCP's Potential Computed Object"/"הצנ" Hierarchical Computational Dimension signifies the UCP's actual computation of every individual human-being's ("Object"- "consistent" ["mass"] or "inconsistent" ["time"]) based on his/her past "moral-choice/s" (and the UCP's computation of a "Dynamic Equilibrium Moral Principle" corresponding selection of one possible future based on these moral-choices of each individual human-being); the (eighth) "UCP's Teshuva"/"דוה" Hierarchical Computational Dimension signifies the UCP's possibility of altering the already computed (potential) "Object" – "consistent" ("mass") or "inconsistent" ("time") values for each individual human-being (based on the abovementioned UCP's selection of one of multiple possible future/s associated with each individual human-being's moral/immoral past choice/s), based on the execution of "Teshuva" by any individual human-being, i.e., a conscious decision not to repeat any past "immoral behavior" remorse for such immoral actions, which then omits and alters the UCP's prior selection of any "negative future" for that individual human-being geared at "correcting" any "immoral choice/s" (as explained above and previously); The (ninth) "Actual Computed Object"/"דוה" represents the UCP's computation of the actual "Object" – "consistent" ("mass") or "inconsistent" ("time") values computed by the UCP for each individual human-being for every consecutive UF's frame/s (based on the whole succession of eight preceding Hierarchical Computational Dimensions' computation); the "Ten Hierarchical Computational Dimensions – Universal Computational Formula"/"תוכלמ" signifies the consuming (tenth) Hierarchical Computational Dimension's computation of all exhaustive spatial pixels comprising the entire physical universe for each consecutive UF's frame/s – computed directly by the UCP (based on the nine preceding Dimensions) geared at producing the most appropriate UF's frame/s advancing the UCP's overall "Ultimate-Geulah Goal" for each individual human-being as well as for the whole of Humanity and the world.

We see that not only is the sole underlying reality of the physical universe the singular higher-ordered "Universal Consciousness Reality" (UCR), but more specifically the dynamics of this UCR's continuous computation- "dissolution"- re-computation- and evolution- of every exhaustive spatial pixel in the universe (for each consecutive UF's frame/s) as well as for the entire physical universe is "driven" by this singular higher-ordered UCR's "Ultimate Geulah-Goal", alongside its various other characteristics of "Free-Choice", "All-Goodness", "Dynamic-Equilibrium Moral Principle", UCP's response to the "Collective Human Consciousness Focus", the possibility of "Teshuva" etc. We therefore reach the inevitable conclusion wherein it is seen that, in truth, the true nature of the universe (and what also transcends it) is this singular, higher-ordered "Universal Consciousness Reality" – which is really the "Universal Divine Reality" (theoretical postulate); representing "G-d's Physics" New Paradigm's realization that all that truly exists is this singular higher-ordered UCR "Divine Universal Reality" that is characterized by its "All-Goodness", "Moral", "Peace" and "Unity" characteristics, and whose sole aim is to evolve the universe towards it "Perfected Geulah-Goal State" of Moral, Spiritual and Physical Perfection!

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