



## "G-D'S PHYSICS": COMPLETE UNIFICATION OF THE FOUR BASIC FORCES OF NATURE & "GEULA"!

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### ABSTRACT

Twenty-first Theoretical Physics is undergoing a major "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "A-Causal Computation" of the "Computational Unified Field Theory" (CUFT), also recently termed: "G-d's Physics" Paradigm! Contrary to the "Material-Causal" Paradigm which assumes that every physical subatomic or relativistic phenomenon can be explained merely through direct physical interactions between a subatomic "probe" and "target" (probability wave function) elements or between massive objects and their curvature of Space-Time (as described by Einstein's Relativistic Equations); The New "G-d's Physics" Paradigm negates the possibility of any such "Material-Causal" physical relationships due to the *simultaneity* of a singular higher-ordered "Universal Computational/Consciousness Principle's" (UCP) computation of all exhaustive spatial pixels in the universe for each consecutive "Universal Frames" comprising the entire physical cosmos at every minimal "time-point", e.g., computed at the rate of " $c^2/h = 1.36^{-50}$  sec"! This New "A-Causal Computation" Paradigm for 21<sup>st</sup> Century Theoretical Physics opens a plethora of new fascinating possibilities such as the unification of Relativity Theory and Quantum Mechanics, a complete unification of the four basic physical features of "space" and "energy", "mass" and "time" as secondary integral computational by-products of the UCP's singular operation, the possibility of transcending the strict relativistic "Speed of Light Barrier" for transmission of any signal or physical effect across space and time, "time-reversal" and even the "abolishment of death"! G-d's Physics New Paradigm has also been shown to challenge and revise the basic "Material-Causal" assumption underlying the "Big-Bang" Model, Einstein's Equations, the Second Law of Thermodynamics, discard the purely hypothetical concepts of "dark-matter" and "dark-energy" as "superfluous" (non-existent) and more generally also of Darwin's Evolutionary Natural Selection Principle! This article unifies the Four basic Forces known in Nature as a manifestation of the New "G-d's Physics" Paradigm's evolution of this singular Universal Consciousness Principle's full manifestation – from the limited "Material-Causal" assumption towards its fully expansive and integrated "Perfected" – Morally, Spiritually and even Physically "Geula" (Redemption) State of Humanity and the Universe!

### INTRODUCTION

#### Twenty-first Century's Physics "Paradigmatic-Shift"!

Twenty-first Century Theoretical Physics finds itself in an "impossible" state in which the two basic "pillars" of Modern Physics, e.g., "Relativity Theory" and "Quantum Mechanics" seem "theoretically inconsistent", up to 95% of all of the mass and energy in the universe cannot be directly "detected" – instead assumed to comprise purely "hypothetical" concepts of "dark-matter" and "dark-energy", and there is an inability to unify between the four basic forces of Nature – i.e., particularly between gravity and the three other forces associated with the subatomic realm! Such a state of Physics obviously calls for a basic "Paradigmatic Shift" as previously described by the famous Philosopher of Science Thomas Kuhn in

1962 stemming from the fact that Science (and Physics) alternates between phases of "Standard Science" in which a particular Scientific discipline advances its knowledge based on the framework of a given "Standard Paradigm", and an alternative "Paradigmatic-Shift" phase in which the foundations of the "Old Standard Paradigm" seem "inconsistent" of each other and there appear a series of "unexplained physical phenomena" which cannot be accounted for by the Old Standard Paradigm and therefore call for a "New Paradigm" that would be able to resolve the (apparent) "theoretical-inconsistency" between the "pillars" the Old Standard Paradigm, account for those "unexplained physical phenomena" and also predict new "Critical Prediction/s" which cannot be accounted for by the Old Standard Paradigm!

Precisely such a state of a "Paradigmatic-Crisis" existed in Theoretical Physics just prior to Einstein's famous 1905 "Annus-Mirabelus" year's discovery of (Special) Relativity Theory and its full acceptance in 1915 following the empirical validation of its unique "Critical Prediction" regarding Mercury's Perihelion's pathway's curvature (doubled value) caused by the Sun's curvature of the fabric of Space-Time around it! We now stand at the brink of precisely such a "Paradigmatic-Shift" in 21<sup>st</sup> Century Theoretical Physics with the discovery of the New "Computational Unified Field Theory" (CUFT) called "G-d's Physics" Paradigm shown capable of resolving the apparent principle "theoretical-inconsistency" between Relativity Theory and Quantum Mechanics, alternatively explain the "unexplained phenomenon of "dark-matter" and "dark-energy" based on the discovery of a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes all exhaustive spatial pixels in the universe at the unfathomable rate of " $c^2/h = 1.36^{50}$  sec'!

Perhaps most apparent is this basic "theoretical crisis" calling for an immediate "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" (CUFT) Paradigm based on the "glaring" theoretical inconsistencies and unexplained phenomena existing in the Old "Material-Causal" Paradigm which specifically comprise:

1. An apparent "theoretical inconsistency" between Relativity Theory's (RT's) strict "Speed of Light Barrier" and Quantum Mechanics (QM's) "Quantum Entanglement" phenomenon indicating that it may be possible for two "entangled particles" to *instantaneously* affect each other's complimentary physical properties, thereby violating RT's strict theoretical constraint upon the transmission of any signal (or information) across space and time!
2. An inability of the Old "Material-Causal" Paradigm to account for the accelerated expansion rate of the physical universe – assumed to be explained by the purely hypothetical concepts of "dark-matter" and "dark-energy" which are assumed to account for up to 95% of all the mass and energy in the universe, but which could not be detected empirically (despite numerous attempts to do so)!
3. An inability to unify between the Four basic forces of Nature – specifically between the Gravitational Force (of General Relativity Theory) and the other three Quantum Forces (e.g., the Electromagnetic Force and the Strong and Weak Nuclear forces)! Once again this is a manifestation of the principle theoretical inability to unify between RT and QM as indicated by RT's conceptually "different" theoretical account of the Gravitational Force as derived from "massive objects" curvature of "Space-Time" (which, in turn, is assumed to "cause" or determine the "travelling-pathways" of those "massive objects" and other "less-massive" objects) as described by Einstein's Equations; and QM's

"Standard Model" depicting and explaining the plethora of subatomic particles existing and specifically explicating the three other basic Forces (e.g., Electromagnetic Force and Strong and Weak Nuclear Forces) – as originating from the specific subatomic physical interactions of these subatomic particles. Metaphorically this apparent principle inability to unify between RT's Gravitational Force and QM's "Standard Model" could be likened to the principle inability to "unify" or "bridge" between "apples and oranges", representing two separate and "different" entities which do not share any "common characteristics", thereby negating the very possibility of "unifying" them!?

### 1. "G-d's Physics" New Twenty-First Century's Paradigm

In order to gain a clear theoretical understanding of the necessary "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" Paradigm let us briefly describe some of the key theoretical postulates of this New "G-d's Physics" Paradigm and the manner in which this New "G-d's Physics" Paradigm offers a new (exciting) explanation for all of the Old "Material-Causal" (abovementioned) apparent "theoretical inconsistencies" as well as identifies new unique "Critical Predictions" that differentiate it from the corresponding predictions of the Old "Material-Causal" Paradigm, thereby allowing for a clear empirical validation of this New "G-d's Physics" (CUFT) Paradigm as the new satisfactory Paradigm for 21<sup>st</sup> Century Theoretical Physics!.

#### a) The "Universal Computational/Consciousness Principle"

According to the New "G-d's Physics" Paradigm, there exists a singular higher-ordered Universal Computational/Consciousness Principle (UCP) which *simultaneously* computes every exhaustive spatial pixel in the universe at the unfathomable rate of " $c^2/h = 1.36^{50}$  sec'(!) giving rise to an extremely rapid series of "Universal Frames" (UF's) comprising the entire physical universe at every such "minimal time-point", wherein "in-between" any two such consecutive UF's frames the entire physical universe "dissolves" back into the singularity of this UCP! This UCP possesses three "Computational Dimensions", e.g.,: "Framework" ("frame" vs. "object"), "Consistency" ("consistent" vs. "inconsistent") and "Locus" ("global" vs. "local") – two out of which "Framework" and "Consistency" produce the four basic physical features of "Framework" – "consistent" ("space") or "inconsistent" ("energy") and "Object" – "consistent" ("mass") or "inconsistent" ("time) physical features that continuously and simultaneously compute any exhaustive spatial pixel in the universe for each consecutive UF's frame/s! Another key new discovery made by the New "G-d's Physics" (CUFT) Paradigm is its insistence that this singular higher-ordered UCP *simultaneously computes* all of the exhaustive spatial pixels in the universe for each consecutive UF's frame/s at the incredible rate of " $c^2/h =$

1.36<sup>-50</sup> sec(!); and that "in-between" any two consecutive UF's frames the entire physical universe and all of its constituting exhaustive spatial pixels "dissolve" back into the singularity of this singular higher-ordered UCP!

**b) "G-d's Physics" New "A-Causal Computation" Paradigm**

Based on "G-d's Physics" New Paradigm's discovery that the singular higher-ordered UCP *simultaneously computes* all exhaustive spatial pixels comprising the entire physical universe – for each consecutive UF's frame/s (and that "in-between" any two consecutive UF's frames the whole universe "dissolves" back into the singularity of the UCP), a new "A-Causal Computation" characterization of "G-d's Physics" New Paradigm is acknowledged: essentially, the simultaneity of the UCP's computation of all exhaustive spatial pixels (and their complete "dissolution" "in-between" any two consecutive UF's frame/s back into the UCP) means that there cannot exist any "material-causal" physical interaction between any two (or more) exhaustive spatial pixels existing either in the same- or different- UF's frames! Rather, the same singular UCP computes simultaneously all exhaustive spatial pixels comprising the entire physical universe – which implies that there cannot exist any Relativistic or Quantum "material-causal" physical relationships, interactions, or effects! This negated many of the Old "Material-Causal" (20<sup>th</sup> Century Physics) Paradigm's basic assumptions underlying both Relativity Theory and Quantum Mechanics, including: the "Big-Bang" Model, Einstein's Equations, discarding of the hypothetical "dark-matter" and "dark-energy" concepts etc.

**c) The "Computational Invariance Principle" & "Universal Consciousness Reality"**

Another key new theoretical postulate of the New "G-d's Physics" Paradigm is the "Computational Invariance Principle" which posits that since only the UCP exists – continuously and consistently both "during" each consecutive UF's frame/s – solely computing (simultaneously) all exhaustive spatial pixels' four basic physical features of "space" and "energy", "mass" and "time", and also singularly exists "in-between" any two consecutive UF's frame/s (without the presence of the physical universe), therefore the "Computational Invariance Principle" theoretical postulate asserts that only this singular UCP may be regarded as "computationally-invariant" existing uniformly and "consistently" – both "during" its computation of each consecutive UF's frame/s and also "in-between" any two consecutive UF's frame/s, whereas the four basic physical features being computed for all exhaustive spatial pixels in the universe may only be regarded as "computationally-variant", e.g., existing only "transiently" and "phenomenally" ("during" each consecutive UF's frame/s but "dissolving" "in-between" any two consecutive UF's frames)! This new (profound) realization of the "Computational Invariance Principle" of "G-d's Physics" New Paradigm is also associated with another new theoretical postulate termed: the "Universal Consciousness Reality" (UCR) which posits that since

the whole physical universe (e.g., and all of its constituting exhaustive spatial pixels) is only regarded as "computationally-variant" – existing only "transiently" "during" each consecutive UF's frame/s but "dissolving" back into the singularity of the UCR, whereas the singular higher-ordered UCP is considered to be "computationally-invariant" (existing continuously and consistently both "during" each consecutive UF's frame/s as computing each exhaustive spatial pixel's four basic physical features of "space" and "energy", "mass" and "time", as well as solely existing "in-between" any two consecutive UF's frames without the presence of any physical universe); therefore there only exists one singular "Universal Consciousness Reality" which exists consistently and continuously – manifesting as the phenomenal physical universe "during" its computation of every exhaustive spatial pixel of each consecutive UF's frame/s and existing without the presence of the physical universe, in-between any two consecutive UF's frames! Indeed, this new "Universal Consciousness Reality" carries with it a profound alteration of our basic perception and understanding of the physical universe – which ceases to exist as an "objective-independent" reality, and it transformed into the new theoretical understanding that (in truth) the entire physical universe only represents a "phenomenal, transient manifestation" of this singular UCR!

**d) The "Universal Computational Formula"**

Based on "G-d's Physics" (CUFT) New Paradigm's discovery of the Universal Computational/Consciousness Principle (UCP) and its simultaneous computation of all exhaustive spatial pixels comprising each consecutive UF's frame/s it also revealed the existence of an integrated simultaneous computation of all the four basic physical features of "space" and "energy", "mass" and "time" as computed based on two out of the three basic "Computational Dimensions" of the UCP (delineated further below and previously):

**Universal Computational Formula (UCF):**

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

UF's {ן...ן...ך}

wherein the singular higher-ordered UCP – represented by the Hebrew letter "Yud" (",") 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 "ך through "ן" to "ן") depending on the Moral Choice of each Individual Human Consciousness – as computing and

integrating these four basic physical features of "space" and "energy", "mass" and "time", at the incredible rate of:  $c^2/h = 1.36^{50} \text{ sec}^{-1}$ .

**e) The "Dynamic Equilibrium" Moral Principle & UCP's "Multi Spatial-Temporal Reservoir"**

Another key theoretical postulate of this New "G-d's Physics" Paradigm is the discovery of the UCP's associated "Dynamic-Equilibrium" Moral Principle and its associated "Multi Spatial-Temporal Reservoir" bank of all "past", "present" and multiple possible "future/s" UF's frames based on the "Moral/Immoral Choices" of each Individual Human Being towards another human being; Essentially, due to the "inseparability" of all Individual Human Consciousness (human beings) from this singular higher-ordered "Universal Consciousness Principle" (UCP) the New "G-d's Physics" Paradigm asserts that there is a basic fundamental "Dynamic-Equilibrium" Moral Principle characterizing the operation of this UCP – such that any "immoral-imbalance" created by any "immoral choice" made by any Individual Human Consciousness towards another Individual Human Consciousness is "corrected" and "balanced" by the UCR in a manner in which that Individual Human Consciousness which chose to "inflict pain/suffering" upon another Individual Human Consciousness – the UCP is selecting one of multiple "possible future/s" UF's frame/s in which it will also have to experience the same (nature and degree) of pain/suffering that it inflicted upon the other Individual Human Consciousness in order that it learns and realizes the basic "unity" and "inseparability" of all Individual Human Consciousness from the singular higher-ordered UCP and honors and respects all other such Individual Human Consciousness (just as pointed out by the Alter-Rebbi, Rabbi Schneur-Zalman in his famous Tanya Book, chapter 32)! Additionally, according to this new "Dynamic-Equilibrium" Moral Principle, since the whole "purpose" of the UCP's associated "Dynamic-Equilibrium" Moral Principle is to "teach", "correct" or "balance" any "immoral-choice/s" of any Individual Human Consciousness so that that Individual Human Consciousness acknowledges and "realizes" its "unity" with the UCP and inseparability from all other Individual Human Consciousness – so that it could not and would not consider or execute any "immoral-choice/s" toward any other Individual Human Consciousness, therefore there is another possibility carved out by the singular higher-ordered UCP of "teshuvah" – e.g., repentance, a sincere regret relating to the "immoral choice" and a conscious decision not to repeat it in the future – which "circumvents" and replaces the need of that Individual Human Consciousness to experience itself the abovementioned "negative future" that is equivalent to its own "wrongdoing"... Finally, this "Dynamic-Equilibrium" Moral Principle may be seen as part of the overall "Goal" of the UCP's constant and continuous origination- sustenance- "dissolution" and evolution- of the entire physical universe – which is to bring the World towards its "Perfected- Geula" State of Moral, Spiritual

and even Physical Perfection, in which the oneness and integrity of all creation as part of the singularity of the UCP will be realized and acknowledged by Humanity, see next "Reversed-Time Goal Hypothesis" theoretical postulate;

**f) The UCR's "Expansive Consciousness Spectrum Hypothesis" & "Reversed-Time Goal Hypothesis"**

Another two profound and key theoretical postulates of the New "G-d's Physics" Paradigm are: the UCR's – "Expansive Consciousness Spectrum Hypothesis" & "Reversed-Time Goal Hypothesis"; the "UCR's Expansive Consciousness Spectrum Hypothesis" stipulates that as part of the UCP/UCR's ultimate Goal of driving the world (and entire universe) towards a "Perfect State" – called "Geula" in Jewish Tradition in which the oneness and unity of all creation as integral parts of the singular higher-ordered UCP/UCR will be recognized by Humanity; the UCR computes- ", "dissolves", "re-computes"- and evolves- the forms manifested by this singular UCP/UCR from "inanimate" matter (e.g., subatomic particles and the entire macroscopic universe) through "animate" forms of plants, then animals then human-beings – which represents the most "expansive" form of Consciousness; and ultimately leads this much "refined" and more "Expansive" form of Human Consciousness towards its ultimate "expanded" manifestations of this singular Universal Consciousness Reality which are expressed in the "expanded form of Individual Human Consciousness" (previously delineated) in which Individual Human Consciousness "expands" to a state in which it is "not separate" and functions in "unity" with the Universal Consciousness Reality (e.g., sometimes related to as states of "Prophecy" such as with Moses!); Another manifestation of this expansion of Individual Human Consciousness occurs also in "special times" and states of "Collective Human Consciousness Focus (Hypothesis)" (also delineated below and previously) – such as during the Jewish "Rosh-Hashana" (New Year) time-interval in which Millions of Jews (all over the world) collectively focus on- and pray to- this singular higher-ordered "Universal Consciousness Reality", i.e., "G-d"! As published and delineated previously, this New "G-d's Physics" profound expansive new perspective on the development and evolution of the entire cosmos – including its "inanimate" manifestations of all material compositions, e.g., including the relativistic accelerated expansion of the physical universe as well as all subatomic (quantum) particles, forces and phenomena, all "animate" forms of "plants", "animals" and "human-beings" brings about an entirely new and integrated view on the origination- and evolution- of the physical universe and all biological forms – not as "caused" by any "random" Big-Bang nuclear explosion but as driven and computed by the singular higher-ordered UCR whose sole Goal is to bring the entire physical universe and our own world towards the State of "Geula" Perfection (Morally, Spiritually and Physically); Indeed, the additional "Reversed-Time Goal Hypothesis"

theoretical postulate posits that the entire origination of the entire physical universe continuous and constant computation by the UCP (simultaneously) of all exhaustive spatial pixels in the universe for every consecutive UF's frame/s from its onset- in the "first" UF frame and until this date and onwards until the UCP/UCR brings the universe into its ultimate "Goal" of a Perfected: Morally, Spiritually and Physically State; This "Reversed-Time Goal Hypothesis" simply posits that the entire origination- sustenance and evolution of the entire physical universe – is driven by its drive to bring the world towards its ultimate Perfected "Geula" State of Moral, Spiritual and even Physical Perfection (e.g., in which there will not be any longer "death"!); a State in which all Human Being will recognize and realize the oneness of all creation with this singular higher-ordered Universal Consciousness Reality (UCR), and therefore there could not exist any longer any such "negative" phenomena of "violence", "aggression", "crimes" or "immoral behavior", and on the contrary Humanity's (and Science's) ultimate recognition of the singular higher-ordered UCR as the sole reality that drives and sustains the entire universe will lead to an attitude of "reverence", "gratitude" and "studying" of this "All-Goodness", "Divine" "Universal Consciousness Reality" ("G-d"!); as anticipated by the great Jewish Sage and Teacher, Maimonides (in his monumental "Mishna-Torah" masterpiece)...

**2. "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<sup>2</sup>"), as well relates the "curvature of Space-Time" by "massive objects" and conversely describes the "travelling-pathways" of those "massive" and "less-massive" objects based on this assumed curvature of "Space-Time"; still there lacks a complete unification between those four basic physical features comprising the physical universe! Likewise, in Quantum Mechanics, there exist fine interrelationships found between Heisenberg's "Uncertainty Principle's" "complimentary pairs" of "space and energy" or of "mass and time" – e.g., wherein increasing the measurement accuracy of any one of these pairs elements (for instance increasing the measurement accuracy level of the "spatial localization" of any given subatomic target element proportionally decreases that target's "energy level" measurement accuracy); But, in both Relativistic and Quantum Mechanical Models those four basic physical features of "space", "energy", "mass" and "time" remain

conceptually "separate" from each other. In contrast, G-d's Physics New Paradigm completely integrates these apparently "separate" physical features based on the singularity of the UCP's simultaneous computation of them as integral elements within the Universal Computational/Consciousness Principle's computation of the degree of "Consistency" (consistent/inconsistent) of each exhaustive spatial pixel in the universe – pertaining to its "Framework" (e.g., relative to the entire "frame" or just to an "object's" internal constitution): Indeed, the newly discovered "Universal Computational Formula" completely integrates these four basic physical features of the physical universe – as the UCP's incredibly rapid ("c<sup>2</sup>/h" = 1.36<sup>-50</sup> sec!) computation of each exhaustive spatial pixels' degree of "Frame" – "consistent" ("space") or "inconsistent" ("energy") level!

**Universal Computational Formula (UCF)**

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

wherein the singular higher-ordered UCP – represented by the Hebrew letter "Yud" ("י") simultaneously computes all exhaustive spatial pixels in the universe comprising each consecutive Universal Frame/s (UF's) which already exist in a "potential-from" within the UCP's "Supra Spatial-Temporal Reservoir" of all "past", "present" and multiple possible "future/s" UF's (represented by the Hebrew letters from "x through "ז" 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'!

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 UCP's singular higher-ordered (completely integrated) computation of the degree of consistency or inconsistency pertaining to each exhaustive spatial pixel's "frame" or "object" values (e.g., across a series of consecutive UF's frames)! Thus, for instance, G-d's Physics New Paradigm teaches us that the famous Relativistic "Energy-Mass Equivalence" arises not from the transformation of certain mass related physical properties (such as particular "radioactive" features of certain elements) into proportional energy emission levels – but rather from the UCP's singular (simultaneous) computation of any given object's "frame-inconsistent" values which also necessarily corresponds to that object's UCP computed "object-consistent" ("mass") values! In other words, the real "reason" for

the existence of Relativity's discovered "Energy-Mass Equivalence" arises from the UCP's integral simultaneous computation of any given object's "mass" properties, e.g., its "object-consistent" value and that object's "frame-inconsistent" values; since the greater that object's "displacement-value" (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 bellow 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 20<sup>th</sup> 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 it's 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 none of these Relativistic or Quantum Mechanical phenomenon can be explained based on such a "G-d's Physics" newly discovered singular higher-ordered UCP's simultaneous computation of every exhaustive spatial pixel comprising the entire physical universe (at each consecutive UF's frame/s at the incredible rate of " $c^2/h = 1.36^{50}$  sec"!).

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

### 3. 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" 21<sup>st</sup> 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 21<sup>st</sup> 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!

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

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

We realize that all such exhaustive spatial pixels of the universe and all of their associated manifestations of subatomic "particles", and all of the associated basic physical features of "space", "energy", "mass" and "time" – including the Four Forces of Nature exist only as "phenomenal", "transient" "manifestations" of the singular higher-ordered Universal Consciousness Principle (UCP) which alone exists both during its extremely rapid (e.g., " $c^2.h$ " =  $1.36^{-50}$  sec') computation of each consecutive UF's frame/s, as well as solely exists "in-between" any two such consecutive UF's frames in which the entire physical universe "dissolves" back into the singularity of this UCP!

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

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

**a) The UCP's "Multi Spatial-Temporal Reservoir" & Associated "Dynamic-Equilibrium Moral Principle"** : According to this New "G-d's Physics" Paradigm the UCP is also associated with a "Multi Spatial-Temporal Reservoir" which contains all "past", "present" and multiple possible "future/s" for each Individual Human Consciousness (human-being) based on his/her "moral-choice/s" at any given moment – based upon which the UCP selects one of multiple possible "future/s"! This is due to the fact that from the singular higher-ordered computational perspective of the UCP all Individual Human Consciousness comprise integral parts of this UCP, and therefore any "immoral-choice" by one (given) Individual Human Consciousness directed towards another Individual Human Consciousness automatically instigates a proportional "reaction" computed by this singular UCP aimed at "balancing" and "correcting" any such "moral imbalance" caused by one Individual Human Consciousness inflicting "pain/suffering" upon another Individual Human Consciousness. (A "Trampoline Metaphor" was given wherein a "metal-bar" placed upon this Trampoline's "elastic sheath" connecting two points along this sheath – wherein one point "chose" to "inflict-pain" upon the other point and "pushes" this metal-bar against the "other point" (e.g., another Individual Human Consciousness), then this would inevitably "cause" a reaction of the metal-bar to "press back" and inflict a proportional "pain/suffering" upon the first point which chose to inflict "pain/suffering" on the second point!) Hence, according to "G-d's Physics" New Paradigm, the UCP contains the "Dynamic-Equilibrium" Moral Principle's "intrinsic-tendency" to "correct" and "counter-balance" any "immoral-choice" selected by one Individual Human Consciousness against another Individual Human Consciousness – by selecting one of multiple possible UF's contained in the UCP's "Multi Spatial-Temporal Reservoir" for each Individual Human Consciousness based on its "moral choice/s" at any given point in time.

(Noteworthy is the fact that according to this new "Dynamic-Equilibrium" Moral Principle, the UCP's selection of one of multiple possible future/s for each Individual Human Consciousness based on its action/s regarding another given Individual Human Consciousness also operates for "*positive* moral-actions" according to which carrying out of a "good moral choice" by one Individual Human Consciousness towards another Individual Human Consciousness also brings about the UCP's selection of one "positive" future/s from all possible future/s to remunerate that Individual Human Consciousness which chose to carry out a benevolent "good moral action" towards another Individual Human Consciousness...)

**b) The UCP's "Reversed-Time Goal Hypothesis":**

According to "G-d's Physics" New 21<sup>st</sup> Century Paradigm, the UCP's whole computation of the series of UF's frames comprising the evolution of the entire physical universe – is geared towards bringing about an ultimate state of "Moral, Spiritual & Physical Perfection" from its initial UF's frame/s to its latter UF's frames! Indeed, according to this "UCP's Reversed-Time Goal Hypothesis" the entire evolution of the physical universe – i.e., including its evolution of progressive forms of "inanimate" matter, then "animate": "plants" and "animals" leading up to the appearance of Human Beings is all "directed" and computed by the singular higher-ordered UCP from the ultimate "Goal" of complete "Moral, Spiritual and even Physical Perfection" (termed: "Geula" in Jewish Tradition) – "back" towards all of "past" "present" and multiple possible "future/s" UF's that would lead to this ultimate "Geula" Perfected State! This means that rather than the physical universe being "caused" by a random initial "material-causal" "Big-Bang" nuclear event supposed to have created all of the suns, Galaxies, "matter" and "energy" in the universe – which was negated by the New "G-d's Physics" Paradigm's discovery of the *simultaneous UCP's computation of all exhaustive spatial pixels* in the universe for each consecutive UF's frame/s and the complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's frame/s; and contrary to Darwin's "Natural Selection Principle's" assumed "material-causal" evolution of all Biological forms based on a random "material-causal" direct physical interaction/s between an array of given organisms and their environment which "causes" a particular "genetically mutated" organism to "survive" amidst "challenging environmental conditions", thereby selecting that particular ("fittest") organism to "survive" and pass on its genetic information to its descendants; the New 21<sup>st</sup> century "G-d's Physics" Paradigm asserts that since the UCP simultaneously computes all exhaustive spatial pixels in the universe for every consecutive UF's frame/s (and completely "dissolves" the entire physical universe back to itself "in-between" any two such consecutive UF's frame/s), therefore there cannot exist any such "material-causal" physical interactions between any given organism/s and its direct environment

therefore negating Darwin's "Natural Selection Principle" – instead pointing at the UCP's mentioned "Reversed-Time Goal Hypothesis" describing the whole evolution and computation of the universe based on the UCP's directed ultimate Goal of "Geula" (Perfected Moral, Spiritual and Physical State, previously delineated)! This means that rather than the physical universe evolving "randomly" (and "haphazardly"), in fact the whole evolution, sustenance and even origination of the entire physical universe – is entirely dependent upon the UCP's "driving" the universe towards the manifestation of the "most expansive" form of Human Consciousness (from the "inanimate" material form through animate "plants", "animals" and ultimate Human forms of expansive Consciousness) and ultimately towards the expression and manifestation of the Redemptive "Geula" State in which there will exist a complete Harmony, Peace and Recognition of the singular higher-ordered "Good-Will" (and "Free-Will") UCP which incessantly and continuously creates- dissolves and recreates and evolves every exhaustive spatial pixel in the universe as well as the entirety of the cosmos towards this Perfected "Geula" State!

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

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

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

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

Indeed, Twenty-first Century Theoretical Physics (and Science, more generally) reaches an entirely new theoretical understanding of the origin- sustenance-

dynamics and evolution- of the entire physical universe based on the discovery and necessary empirical validation of the New "G-d's Physics" (CUFT) Paradigm: The universe was not created by an initial "Big-Bang" nuclear event, nor does it evolve through the direct physical interactions of "massive objects" and their assumed "curvature of Space-Time"; nor is the universe's accelerated expansion "caused" by any (non-existent) "dark-matter" or "dark-energy" – but rather is brought about by the singular higher-ordered UCP's operation which (as we've seen) is also associated with the "Collective Human Consciousness" at the Jewish "Rosh-Hashana" special "time-interval"! This entirely new theoretical understanding of "G-d's Physics" Paradigm views the origin- "dissolution" sustenance- and evolution- of every exhaustive spatial pixel in the universe (as well as of the whole universe) as solely determined by the operation of the singular higher-ordered Universal Computational/Consciousness Principle (or Reality) which computes and sustains the universe at the incredible rate of " $c^2/h$ " =  $1.36^{-50}$  sec'(!), wherein "in-between" any two such consecutive UF's frames the entire physical universe "dissolves" back into the singularity of this UCP! Therefore, the new "G-d's Physics" theoretical understanding is that every exhaustive spatial pixel in the universe (and the entirety of the universe) exists only as a "transient", "phenomenal" "manifestation" of this singular higher-ordered "Universal Consciousness Reality" (UCR) which solely exists both "during" its simultaneous computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s and also singularly exists "in-between" any two consecutive UF's frames (without the presence of any physical universe)! Indeed, since the whole origin- sustenance- evolution- and basic nature of the entire physical universe (including all of its exhaustive spatial pixels) is that it only exists as such a "transient", "phenomenal" "manifestation" of the singularly existing "Universal Consciousness Reality" – therefore, the existence of all of the subatomic particles and their Three (e.g., out of Four) corresponding basic Nuclear Forces (Strong, Weak & Electromagnetic) may also only be regarded as existing "transiently" and "phenomenally", i.e., existing only "during" each consecutive UF's frame's (and being computed and "sustained" by the singular UCP) as a manifestation of the singular UCR! Moreover, since we've already seen in this article that the UCP's sole and singular computation of the entire array of all existing subatomic particles is carried out through the UCP's (newly discovered) "Universal Computational Formula" (UCP) therefore also it was evinced that the UCP's computation of the Four basic Forces are all derived from this singular higher-ordered UCP's computation of the four basic physical features of "space", "time", "energy" and "mass" for all exhaustive spatial pixels comprising the entire physical universe for each consecutive UF's frame/s!

Perhaps most significantly, the discovery of the New 21<sup>st</sup> Century's "G-d's Physics" Paradigm brings about a

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

**Dedication:** This article is dedicated to the Lubbavitcher Rebbe and to the Alter-Rebbe, Rabi Schneur-Zalman – who's date of passing occurs today (כ"ד טבת) and to Mamonides (whose date of passing occurred a few days ago כ"ג טבת), and to the upliftment of my dear Beloved Diseased Mother's Soul Dr. Tirza Bentwich/Zailer); May this Ne "G-d's Physics" Paradigm of 21<sup>st</sup> Century Physics uplift Humanity towards its ultimate Mission and Goal of creating a "Geula" Perfected World! This article is also dedicated in memory of dear beloved Mrs. Diana Raz, who shed so much light and Goodness in the lives of so many couples but whose own life was stumped at such an early age leaving behind four innocent children, may her Memory Blessed and may her Soul ascend to Paradise (where she belongs)...

## 5. REFERENCES

1. Bentwich, J. (2012a) "Harmonizing Quantum Mechanics and Relativity Theory". *Theoretical Concepts of Quantum Mechanics*, Intech (ISBN 979-953-307-377-3), Chapter 22, pp. 515-550.
2. Bentwich, J. (2012b) "Theoretical Validation of the Computational Unified Field Theory". *Theoretical Concepts of Quantum Mechanics*, (ISBN 979-953-307-377-3), Chapter 23, pp. 551-598.
3. Bentwich, J. (2013b). "The Theoretical Ramifications of the Computational Unified Field Theory". *Advances in Quantum Mechanics* (ISBN 978-953-51-1089-7), Chapter 28, pp. 671-882.
4. Bentwich, J. (2013c). The Computational Unified Field Theory (CUFT): A Candidate Theory of Everything. *Advances in Quantum Mechanics* (ISBN 978-953-51-1089-7) Chapter 18, pp. 395-436.
5. Bentwich, J. (2015). The Computational Unified Field Theory (CUFT): A Candidate 'Theory of Everything'. *Selected Topics in Application of Quantum Mechanics* (ISBN 978-953-51-2126-8) Chapter 6.
6. Bentwich, J. (2014) *What if Einstein was Right?* Amazon Kindle Book Store.
7. Bentwich, J. (2015). On the Geometry of Space, Time, Energy, and Mass: Empirical Validation of the Computational Unified Field Theory. *Unified Field Mechanics: Natural Science Beyond the Veil of Spacetime (Proceedings of VIGIER IX Conference, Morgan State University, USA, 16-19 November 2014)*.
8. Bentwich, J. (2016) The 'Computational Unified Field Theory': A Paradigmatic Shift. *Research & Reviews: Journal of Pure & Applied Physics*.
9. Bentwich, J. (2017a) The Computational Unified Field Theory: Could 'Dark Matter' & 'Dark Energy' be "Superfluous"? *SciFed Journal of Quantum Physics Special Issue*.
10. Bentwich, J. (2017b) The Computational Unified Field Theory: Explaining the Universe from "Without". *SciFed Journal of Quantum Physics Special Issue*.
11. Bentwich, J. (2017c). The Computational Unified Field Theory: A New 'A-Causal Computation' Physics. *SciFed Journal of Quantum Physics Special Issue*.
12. Bentwich, J. (2017d). The 'Computational Unified Field Theory' (CUFT) May Challenge the 'Big-Bang Theory'. *SciFed Journal of Quantum Physics Special Issue*.
13. Bentwich, J. (2017e). Can the 'Computational Unified Field Theory' (CUFT) Challenge the Basic Laws of Conservation? *SciFed Journal of Quantum Physics Special Issue*.
14. Bentwich, J. (2017f). The Computational Unified Field Theory (CUFT): Time "Reversal" May be Possible. *SciFed Journal of Quantum Physics Special Issue*.
15. Bentwich, J. (2017g). The Computational Unified Field Theory (CUFT) Transcends Relativity's Speed of Light Constraint. *SciFed Journal of Quantum Physics, Special Issue*.
16. Bentwich, J. (2017h). The Computational Unified Field Theory's New Physics: Transcending Space,

- Time and Causality. *SciFed Journal of Quantum Physics Special Issue*.
17. Bentwich, J. (2017i). A "Supra-Spatial-Temporal Universal Consciousness Reality". *Research & Reviews: Journal of Pure & Applied Physics, Special Issue: The Computational Unified Field Theory (CUFT)- A Paradigmatic Shift in 21<sup>st</sup> Century Physics*.
  18. Bentwich, J. (2017j). A New Science: An Infinite Omniscient Dynamic-Equilibrium Universal Consciousness Reality. *SciFed Journal of Quantum Physics Special Issue*.
  19. Bentwich, J. (2017k). The Computational Unified Field Theory (CUFT) Challenges Darwin's 'Natural Selection Principle'! *SciFed Journal of Quantum Physics Special Issue*.
  20. Bentwich, J. (2017l). The Computational Unified Field Theory (CUFT) Challenges the Second Law of Thermodynamics. *SciFed Journal of Quantum Physics Special Issue*.
  21. Bentwich, J. (2017m). The Computational Unified Field Theory (CUFT): An Empirical & Mathematical Validation of the 'Computational Unified Field Theory'; *SciFed Journal of Quantum Physics Special Issue*.
  22. Bentwich, J. (2017n). The Computational Unified Field Theory (CUFT) New Science; *SciFed Journal of Quantum Physics Special Issue*.
  23. Bentwich, J. (2018a). Review: The Computational Unified Field Theory (CUFT) New Universe: *The Global Journal of Science Frontier Research, Vol. 18 (8-A), Special Issue*.
  24. Bentwich, J. (2018b). The Computational Unified Field Theory (CUFT): What is "Time"? *The Global Journal of Science Frontier Research, Vol. 18 (8-A), Special Issue*.
  25. Bentwich, J. (2018c). The Universal Consciousness Reality's Camouflage: The Physical Universe! *The Global Journal of Science Frontier Research, Vol. 18 (8-A), Special Issue*.
  26. Bentwich, J. (2018d). The Computational Unified Field Theory (CUFT) Epilogue: Can Human Consciousness Affect the Cosmos? *The Global Journal of Science Frontier Research, Vol. 18 (8-A), Special Issue*.
  27. Bentwich, J. (2018e). Testing the Computational Unified Field Theory's (CUFT) Differential-Critical Predictions: The Higgs-Boson Particle May Not Exist Continuously! *The Global Journal of Science Frontier Research, Vol. 18 (8-A), Special Issue*.
  28. Bentwich, J. (2018f). The Double-Faceted Universal Consciousness Reality: A Theoretical Review. *The Global Journal of Science Frontier Research, Vol. 18 (8-A), Special Issue*.
  29. Bentwich, J. (2018g). Letter to the Editor: Dark Matter May Not Exist. *The Global Journal of Science Frontier Research, Vol. 18 (8-A), Special Issue*.
  30. Bentwich, J. (2018h). The Computational Unified Field Theory's (CUFT) Epilogue: Possible Reversal of the Arrow of Time and Abolishment of Death. *The Global Journal of Science Frontier Research, Vol. 18 (8-A), Special Issue*.
  31. Bentwich, J. (2019a). The Computational Unified Field Theory's (CUFT) New Universe. *The Global Journal of Science Frontier Research, Vol. 19 (6), Special Issue*.
  32. Bentwich, J. (2019b). The Computational Unified Field Theory's (CUFT) Goes Beyond the 'Standard Model': "G-d's Physics"?! *The Global Journal of Science Frontier Research, Vol. 18 (8-A), Special Issue*.
  33. Bentwich, J. (2019c). A Call for Cosmologists & Experimental Physicists: Empirical Validation of the 'Computational Unified Field Theory' (CUFT) New Paradigm through "Time-Sensitive" Astronomical and Subatomic Measurements. *The Global Journal of Science Frontier Research, Vol. 19 (6), Special Issue*.
  34. Bentwich, J. (2019d). The 'Computational Unified Field Theory' (CUFT): Redefining Mass, Gravity & the Physical Universe. *The Global Journal of Science Frontier Research, Vol. 19 (6), Special Issue*.
  35. Bentwich, J. (2019d). Astronomical Validation of the Computational Unified Field Theory (CUFT) "Critical Prediction" & Resolution of the "Universe's Accelerated Expansion Rate Enigma" (UAERE). *The Global Journal of Science Frontier Research, Vol. 19 (6), Special Issue*.
  36. Bentwich, J. (2019e) Urgent Call for Empirical Validation of the Computational Unified Field Theory's (CUFT) New 21<sup>st</sup> Century 'A-Causal Computation' (ACC) Paradigm. *Acta Scientific Applied Physics, Volume 1(1)*.
  37. Bentovish (Bentwich), J. (2020a). 'G-d's Physics' (CUFT) New "Atom" & Purposeful Universe! *Advances in Theoretical & Computational Physics, Volume 3 (2)*, p. 50-58.
  38. Bentovish (Bentwich), J. (2020b). An Urgent Need for "G-d's Physics" New 21<sup>st</sup> Century Paradigm's Empirical Validation. *Advances in Theoretical & Computational Physics, Volume 3 (2)*, p. 59-65.
  39. Bentovish (Bentwich), J. (2021a). "G-d's Physics" New 21<sup>st</sup> Century Paradigm: From "Law" to "Mercy"! *In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press)*.
  40. Bentovish (Bentwich), J. (2021b). "G-d's Physics": From Arbitrary Physical & Biological "Evolution" Towards A Universal Consciousness Reality's (UCR) Directed Morally-Perfected ("Geula") Universe! *In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press)*.
  41. Bentovish (Bentwich), J. (2021c). "G-d's Physics": On the True Nature of "Dark-Energy" & "Dark-Matter". *In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press)*.

42. Bentovish (Bentwich), J. (2021d). The New "G-d's Physics" New Twenty-First Century Paradigm: A Morally Perfected ("Geula") Directed New Physical Universe! *In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press).*
43. Bentovish (Bentwich), J. (2021e). "G-d's Physics": It's "Time" for "Geula"! *In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press).*
44. Bentovish (Bentwich), J. (2021f). "G-d's Physics" (CUFT) New Physics Paradigm: "Miracles" Can Happen!? *In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press).*
45. Bentovish (Bentwich), J. (2021g). "G-d's Physics" New 21<sup>st</sup> Century Paradigm: A Complete Integration of "Space" & "Energy", "Mass" & "Time"! *In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press).*
46. Bentovish (Bentwich), J. (2021h). "G-d's Physics": Complete Unification of the Four Basic Forces of Nature & "Geula"! *In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press).*
47. Bentovish (Bentwich), J. (2021i). Fulfilling Einstein's Quest: "G-d's Physics" New Twenty-First Century's Paradigm's Multi-Level Computational Universe. *In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press).*