

Review Article

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'G-d's Physics' (CUFT) New "Atom" & Purposeful Universe!

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Abstract

Note: Dr. Bentovish (Bentwich) is seeking scientific collaboration and validation of this New 'G-d's Physics' (Computational Unified Field Theory) Paradigm's Empirical "Critical Predictions" involving precise Astronomical/Cosmological Measurements, as well as time-sensitive Accelerators validations.

Twenty-first Century Theoretical Physics is at a state of crisis akin to pre-Einstein's 1905 Relativistic "Paradigmatic Shift: its two primary "pillars", Relativity Theory (RT) and Quantum Mechanics (QM) seem contradictory and up to 95% of all mass and energy in the universe is unaccounted for (termed: "dark-matter" and "dark-energy"); A New "Computational Unified Field Theory" (CUFT) discovered over the past eight years – also called: "G-d's Physics' Paradigm was shown to resolve this apparent RT-QM inconsistency and discard "dark-matter", "dark-energy" as "superfluous" (i.e., non-existent)! This article delineates this New 'G-d's Physics' Paradigm's new "Atom", e.g., basic "building-block" of the physical universe associated with its discovery of the singular (higher-ordered) "Universal Computational Principle" (UCP) which simultaneously computes every exhaustive spatial pixel in the universe at the incredible rate of "c²/h"=1.36⁵⁰ sec! This New 'G-d's Physics' Paradigm "Atom" is shown to challenge and negate some of the basic assumptions of RT's & QM's Old 'Material-Causal' Paradigm, including: the "Big-Bang" Model, Einstein's Equations, the "Speed of Light Barrier" and opens new exciting possibilities including "time-reversal", and a complete integration of "space", "time", "energy" and "mass" within a new exhaustive "Universal Computational Formula" (which integrates and transcends key components of RT & QM); The New 'G-d's Physics Paradigm reveals a new Purposeful Universe which possesses multiple possible "future/s" associated with the "Moral Choices" of Human-beings, and which is directed towards an ultimate "Perfected State" (Morally, Spiritually and Physically)!

Introduction

Twenty-First Century Physics New "G-d's Physics" Paradigm Twenty-first Century Physics is undergoing a basic "Paradigmatic-Shift" (Kuhn, 1962), i.e., from the Old "Material-Causal" Paradigm

to the New ""A-Causal Computation" (ACC) Paradigm of the "Computational Unified Field Theory" (CUFT); Over thirty peer-reviewed scientific articles and Books have been published over the past seven years outlining (and validating) this New 'ACC' Paradigm indicating that it is capable of resolving the apparent fundamental "theoretical inconsistency" that seems to exist between the two major "pillars" of the Old 'Material-Causal' Paradigm of 20th century Physics, e.g., "Relativity Theory" (RT) and "Quantum Mechanics" (QM).

Additionally, as foreseen by Kuhn's characterization of such a 'Paradigmatic-Shift', the New ACC Paradigm was also shown to resolve the principle unresolved problem associated with the Old 'Material-Causal' Paradigm regarding the "purely "hypothetical" existence of "dark-matter" and "dark-energy" assumed to account for up to 95% of all of the mass and energy in the physical universe!? The need for these purely hypothetical "dark-matter"

and "dark-energy" constructs stems from the empirically observed accelerated rate of expansion of the physical universe, which cannot be accounted by the observed total mass and energy observed through all of the galaxies, stars etc. Indeed, as stated above (and previously), Kuhn's analysis of the evolution of Science – as alternating between phases of "Standard Science", in which the given Scientific Paradigm governing a particular discipline at a particular era suffices to explain all of the findings and phenomena (within the given field); and between a "Paradigmatic-Shift" phase in which the very pillars of the given discipline seem to contradict each other (as shown above) and there exist a series of "unexplained phenomena, which all call for the replacement of the Old Paradigm with a New Paradigm – precisely describe the state of Theoretical Physics at the beginning of our 21st Century! (Interestingly, this state of Theoretical Physics is precisely equivalent to the state of Physics at the turn of the last century just before Einstein's famous "Relativity Theory" Paradigmatic Shift (of 1905 and 1915) and later on the emergence of Quantum Mechanics – which together formed the two pillars of the current (Old) 'Material-Causal Paradigm (that is now calling for a Paradigmatic Shift towards the New CUFT 'ACC' Paradigm) Succinctly stated, the

New 'ACC' Paradigm posits the existence of a singular higherordered 'Universal Computational/Consciousness Principle' (UCP) which simultaneously computes every exhaustive spatial pixel in the universe, e.g., at the incredible rate of " c^2/h " = 1.36-50 (sec')! This gives rise to an extremely rapid series of 'Universal Frames' (comprising the entire physical universe at every such minimal time-point, e.g., many billions of times per second!); In this manner, this New CUFT's 'ACC' Paradigm discards the existence of the (purely hypothetical) "dark-matter" and "dark-energy" concepts as" superfluous" (i.e., non-existent!) – Instead postulating that this singular higher-ordered UCP increases (at an accelerated rate) the number of exhaustive spatial pixels comprising each consecutive Universal Frame, e.g., thereby accelerating the rate of the observed expansion of the physical universe! One of the principle differences that exist between the New CUFT's 'A-Causal Computation' Paradigm and the Old 'Material-Causal' Paradigm (of RT & QM) is the fact that whereas the Old 'Material-Causal' Paradigm assumes that the explanation of any (relativistic or quantum) phenomenon can only be explained based on an analysis of the direct (or indirect) physical interactions between a given set of relativistic observer/s and material (space-time, energy-mass) phenomenon or between a quantum subatomic 'probe' and 'target' elements (which is assumed to "cause" the "collapse" of the subatomic target's "probability wave function"; the New CUFT 'A-Causal Computation' Paradigm – in principle negates the very possibility of any such material-physical interactions either at the relativistic or quantum levels!? This is simply because based on the CUFT's ACC Model which posits that the singular higher-ordered UCP simultaneously computes all exhaustive spatial pixels in the universe (e.g., for each consecutive 'Universal Frame/s'), therefore there cannot exist any such 'materialcausal' physical interaction/s between any one (or more) exhaustive spatial pixels existing either in the same- or different- Universal Frame/s! Instead, due to the simultaneity of the UCP's computation of all exhaustive spatial pixels comprising the physical universe (at any single/multiple Universal Frames) the New ACC Paradigm must explain any physical "phenomenon", "law" or "nature"- not based on the existence of any direct (or even indirect) physical interactions between any two (or more) exhaustive spatial pixels (at the relativistic or quantum levels), but rather solely based on the higher-ordered characteristics of this singular UCP!

For this very reason, this New CUFT's 'A-Causal Computation' (ACC) Paradigm was recently also termed: "G-d's Physics" Paradigm! This is because instead of the Old 'Material-Causal' Paradigm's reliance upon mere 'material-causal' physical interactions between specific quantum subatomic 'probe' and 'target' elements (which are assumed to "cause" the "collapse" of the target's 'probability wave function', thereby "explaining" any subatomic quantum behavior), or between certain (relativistic) "Massive Objects" and "Space-Time" – e.g., assuming that it is this direct physical interaction between these 'Massive-Objects' and 'Space-Time' which "causes" the "curvature of 'Space-Time', and conversely assuming that it is this 'curved Space-Time' which determines the "travelling pathways" of those 'Massive-Objects'; Instead of this Old (20th century) 'Material-Causal Paradigm, the New 'G-d's Physics (CUFT's ACC) Paradigm posits that it is only the singular higherordered Universal Computational/Consciousness Principle (UCP) which simultaneously computes every exhaustive spatial pixel in the physical universe (e.g., every " c^2/h " = 1.36⁻⁵⁰ (sec') – giving

rise to the appearance of all Relativistic or Quantum phenomena, laws (or even apparent interactions)!? This is perhaps made most apparent when we consider the "dissolution" of all such exhaustive spatial pixels "in-between" every two consecutive Universal Frames, i.e., back into the singular Universal Computational/Consciousness Principle (UCP)! Indeed, according to this new (exciting) 'G-d's Physics'

Paradigm, based on one of its theoretical postulates termed: the "Computational Invariance Principle" which asserts that since it is only the Universal Computational/Consciousness Principle (UCP) which exists continuously - i.e., both "during" its sole (simultaneous) computation of all exhaustive spatial pixels comprising every consecutive 'Universal Frame', as well as solely existing "inbetween" any two such consecutive Universal Frames (e.g., at which time the entire physical universe "dissolves" back into the singularity of the UCP); whereas all exhaustive spatial pixels comprising the entire physical universe exist only "during" the UCP's computation of each consecutive Universal Frame (as solely computed by the UCP), but cease to exist "in-between" each two consecutive Universal Frames (as they dissolve back into the singular higher-ordered UCP); therefore, this 'Computational Invariance Principle' posits that only the "computationally-invariant" UCP (e.g., existing continuously and without change) which may be considered as "real", whereas the "computationally-variant" four physical features of "space", "energy", "time" and "mass" may only be considered as "computationally-variant", e.g., only exist "phenomenally" and "transiently" – but in truth only represent a manifestation of the "real" underlying singular higher-ordered (unchanging) Universal Consciousness Principle, or more precisely termed: the "Universal Consciousness Reality"!

'G-d's Physics' Basic Revision of the Physical Universe

Hence, we can see that this New 'G-d's Physics' Paradigm completely revises our basic conception of the make-up, composition, production- "dissolution", re-creation and evolution of the entire physical universe! Indeed, this New 'G-d's Physics' (CUFT's ACC) Paradigm was shown to challenge the "Big-Bang" Model, Einstein's (General Relativity's) Equations, transcend the 'Speed of Light Barrier', indicate the possibility of "time-reversal", discard "dark-matter" and "dark-energy" as "superfluous" (non-existent)! First, 'G-d's Physics' Paradigm was shown to challenge the "Big-Bang" Model due to the CUFT's 'A-Causal Computational' (ACC) Paradigm's insistence that there cannot exist any direct (or even indirect) physical interactions between any two (or more) exhaustive spatial pixels (existing either in the same- or different- Universal Frames), e.g., due to the simultaneity of the UCP's computation of all exhaustive spatial pixels (in the universe) for any single Universal Frame. This implies that there could not have been any "Big-Bang" nuclear explosion phenomena either in the "first" (assumed) Universal Frame, or indeed in any subsequent (single or multiple) Universal Frame/s, since this would imply that there did exist such direct physical interaction/s between certain spatial pixels in the first- second- third- etc. Universal Frames... Moreover since the CUFT's ACC 'G-d's Physics' Paradigm postulates that the whole physical universe "dissolves" "in-between" any two consecutive Universal Frames therefore there could not have been any transference of any "material" or "physical" entity/entities or effect/s across the series of Universal Frames, thereby completely negating the current "Big-Bang" Model assuming that the whole

creation of mass, energy, space, all of the suns, planets, galaxies was created by this initial 'nuclear explosion' (across time, e.g., implying across the series of Universal Frames etc.).

As we can see, this new 'G-d's Physics' Model completely alters our basic conception of the physical universe's origination- not as occurring due to an (initial) 'Big-Bang' nuclear explosion, but rather as being continuously "created", "dissolved", "re-created" and "evolved" many billions of times per second! (e.g., "c²/h"=1.36⁻⁵⁰ sec'!) In fact, due to the simultaneous computation (and production) of all exhaustive spatial pixels in the universe by this singular higherordered Universal Computational/Consciousness Principle (UCP) - at this incredible rate of "c²/h"=1.36⁻⁵⁰ sec! and the intermittent ("in-between Universal Frames') complete "dissolution" of the entire physical universe back into the singularity of the UCP, all other "material-causal" theoretical constructs or effects (entities, etc. - as mentioned above) are also challenged and negated by the New CUFT's ACC 'G-d's Physics' Paradigm; This includes the famous 'Einstein's Equations' (of General Relativity) as well as the purely hypothetical concepts of "dark-matter" and "dark-energy" which are assumed to "cause" the accelerated expansion of the physical universe. First (as mentioned succinctly above), Einstein's Equations are challenged due to their implicit assumption of a 'materialcausal' physical interaction between certain "Massive Objects" and "Space-Time" which "causes" Space-Time to "curve" around those 'Massive Objects' (which conversely "causes" or "determines" the "travelling pathways of all other massive and non-massive objects); But, since the New CUFT's ACC 'G-d's Physics Model relies on the UCP's simultaneous computation of all exhaustive spatial pixels in the universe (for each consecutive Universal Frame – with all those exhaustive spatial pixels "dissolving" 'in-between any two consecutive Universal Frames), therefore there cannot exist such "cause" and "effect" or "material-causal" physical relationship/s between 'certain 'Massive Objects' and their "causing" of the curvature of "Space-Time" (or conversely of this curved 'Space-Time' - "causing/determining" the "travelling-pathways" of other massive/non-massive" objects), e.g., at any single or multiple Universal Frames (UF's)! Therefore, Einstein's Equations' basic "material-causal" assumption whereby the physical universe was initially created by a 'Big-Bang' nuclear explosion, which then based on Einstein's General Relativity Equations "caused" the further expulsion and evolution of the universe – are entirely negated by the New 'G-d's Physics' Model! Likewise, the currently assumed "effects" of the (purely hypothetical) "dark-matter" and "darkenergy" concepts are also being rejected (e.g., as "non-existent"!) based on the same grounds that there cannot exist any such "materialcausal" physical interactions between any two (or more) exhaustive spatial pixels existing either in the same- or different UF's (once again) due to the simultaneity of the UCP's computation of all such exhaustive spatial pixels comprising the entire physical universe, e.g., obviously including the strict rejection of the possibility of such hypothetical 'dark-matter' and 'dark-energy' concepts "causing" the accelerated expansion of the entire universe!

Additionally, this New 'G-d's Physics' Paradigm was shown to transcend Relativity's strict 'Speed of Light Barrier' due to the simultaneity of the UCP's computation of all exhaustive spatial pixels comprising the entire physical universe; and accompanied by another one of the CUFT's Theoretical Postulates, e.g., the "Individual Human Consciousness Expansive Spectrum Hypothesis" (IHCESH) – which postulates that there exists a possibility of a

complete "identification" of Individual Human Consciousness with the Universal Consciousness Principle (UCP) due to an expansion of Individual Human Consciousness (occurring during the "waking state"); This "Expansive Individual Human Consciousness State" allows for its functioning in a manner akin to – or (in some aspects) "equivalent" to the UCP's functioning... Hence, in the same manner that this UCP simultaneously computes all exhaustive spatial pixels in the universe (e.g., for each single- or multiple- Universal Frame/s), thereby greatly transcending the apparent 'Speed of Light Barrier' – so it is hypothesized that the Individual Human Consciousness Expansive State may also "know", "sense" or even "affect" any of the physical universe's exhaustive spatial pixels (e.g., regardless of their "distance" from this Individual (possessing this Expansive State of Consciousness).

Likewise, this New 'G-d's Physics' Paradigm raises the possibility of "time-reversal" based on an analysis of any given physical phenomenon's (or biological organism's etc.) comprising exhaustive spatial pixels' electromagnetic values (across a given number of UF's frames, and the subsequent application of electromagnetic stimulation patterns that precisely "reverse" the series of recorded electromagnetic pixels' values across a given period of time in that biological organism or any other physical phenomenon's development (as described previously)... Hence, unlike the Old "Material-Causal" Paradigm's basic assumption -i.e., that it is not possible to "reverse time": either due to Relativity's (abovementioned) assumption regarding the principle inability to transcend the 'Speed of Light Barrier' (and hence to "catch" the light signal of any "past event"), or due to Quantum Mechanics' strict "material-causal" assumption wherein it is assumed that the direct physical interaction between the subatomic target's "probability wave function" and its corresponding subatomic 'probe' element – "causes" the "collapse" of the 'probability wave function' exhaustive 'space-energy', 'time-mass' potential values into a singular ('spaceenergy', 'time-mass') value; Indeed, this Quantum Mechanical "material-causal" assumption prohibits the possibility to "reversetime", due to the impossibility of "un-collapsing" the (already "collapsed") singular complimentary target's value back into the entire spectrum of all exhaustive possible values of that target's 'probability wave function'!?

'G-d's Physics' Unification of Physical Features, Relativistic & Quantum Models

Hence, we start seeing that the New 'G-d's Physics' Paradigm of 21st century Theoretical Physics is based upon the recognition that the physical universe cannot be explained from within any "exhaustive set" of direct (or indirect) relativistic or quantum (subatomic) physical interactions (e.g., which cannot really exist due to the simultaneity of the UCP's computation of all exhaustive spatial pixels in the universe for any single or multiple UF's frames); A fine "Cinematic-Film Metaphor" was given (throughout the many articles published delineating and validating this New 'G-d's Physics' Paradigm), which sheds some light upon this alternative new singular higher ordered theoretical framework of 'G-d's Physics': imagine a film's depiction of scenario in which a 'glass-jar' being "shattered" by the impact of a "mercury-ball"; upon first impression, it seems as if the 'shattering' of the 'glass jar' is "caused" by the direct physical interaction of that 'mercury-ball' with the 'glass-jar', but upon further reflection is may be noticed that, in truth, all that exist is a series of Universal Frames (arranged by the "producer" of the film) which depict an ever growing "proximity"

between the 'mercury ball' and the 'glass-jar' – which gives rise to an apparent "cause and effect" physical relationships between these two physical objects; Still, we know that there cannot exist really any such (direct) physical interaction between these two physical objects due to the simultaneity of their presentation in each of the consecutive frames depicted in the film! Indeed, this (fine) 'Cinematic-Film Metaphor' partially explains the manner in which apparently "material-causal" phenomena, laws and events – in truth, represent the dynamics of a singular higher-ordered 'Universal Computational/Consciousness Principle' (UCP) which (simultaneously) computes all exhaustive spatial pixels in the universe for each consecutive Universal Frame – and also "arranges" this series of UF's frames in such a manner which gives rise to the impression of the existence of certain relativistic or quantum physical interactions, phenomena or laws.

In line with this 'G-d's Physics' Paradigm new conception of the physical universe as being solely computed- sustained and evolved- by the UCP (e.g., with no "real" physical interactions taking place between any two or more exhaustive relativistic or quantum spatial pixels at either any single or multiple UF's frames); the New 'G-d's Physics' Paradigm discovered a novel 'Universal Computational Formula' (UCF) which completely integrates the four basic physical features of "space", "energy", "mass" and "time", as well as RT & QM! Significantly, this new 'Universal Computational Formula' stems from the new computational definitions of those four basic physical features – as computed (simultaneously) by the singular higher-ordered UCP: Succinctly stated, these four basic physical features are being computed based on two (out of three) 'Computational Dimensions' associated with the UCP, namely: 'Framework' – comprising of 'frame' (in which the UCP computes the 'space' or 'energy' features of a given object relative to the coordinate system of the entire 'Universal Frame' or 'object') and 'object' (in which the UCP computes the internal physical features of a given object of 'mass' or 'time'); And 'Consistency' - which comprises: 'consistent' (e.g., referring to the UCP's computation of the degree of 'consistency' of any given object's abovementioned 'frame' or 'object' – i.e., giving rise to the four basic physical features of 'frame' - 'consistent' ('space') or 'inconsistent' ('energy'), or of 'object' - 'consistent' ('mass') or 'inconsistent' ('time')! Therefore, the UCP simultaneously computes (for each exhaustive spatial pixel in the physical universe) each of these four basic physical features: 'object' - 'consistent' ('mass') and 'inconsistent' ('time'), as well as 'frame' - consistent' ('space') and 'inconsistent' ('energy')... Indeed, it is almost "inconceivable" to perceive of the UCP's infinite "Intelligence" (or computational capacity) - e.g., having to "remember", "sustain", "dissolve", "re-produce" and "evolve" every exhaustive spatial pixel in the universe so many billions of times per second ("c2/h"=1.36-50 sec')! Beyond that, the incredible complexity involving the UCP's "complimentary computation" of those four (e.g., object- consistent: 'mass', and inconsistent: 'time' and frame - consistent: 'space' - and inconsistent 'energy') basic physical features is seen to give rise to the UCP's "Universal Computational Formula" (UCF), which completely integrates them as (four) secondary computational products of the UCP's singular computational process!

Universal Computational Formula (UCF)

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

shown previously, this (completely integrated) singular (higher-ordered) UCP 'Universal Computational Formula' (UCF) also completely integrates all known Relativistic and Quantum phenomena, laws and attributes, which also manifests in the UCF's Relativistic and Quantum Formats; Thus, the UCF's Relativistic Format replicates the 'Energy-Mass Equivalence' (' $E = Mc^2$ '), and the UCF's Quantum Format replicates Heisenberg's 'Uncertainty Principle' complimentary pairs subatomic accuracy measurement constraint! Except that unlike the Old "Material-Causal" Paradigm's fundamental assumption (underlying both RT and QM) that these physical laws result from direct physical interactions between the "mass" and "energy" values of a given relativistic object (or phenomena), or between the subatomic "probe" and "target" elements' (measurement process); the 'Universal Computational Formula' describes the UCP's singular higher-ordered computation of these four (secondary computational) physical features – which is seen to embed these basic Relativistic and Quantum laws (and phenomena) as "special cases" within the broader theoretical (and computational) framework... This may be reminiscent of Einstein's vision wherein his General Relativity Theory may become a "special case within a broader theoretical understanding"!? It was therefore only befitting to title this New 'G-d's Physics' Paradigm after Einstein's lifelong quest for a "(Computational) Unified Field Theory"! Indeed, in fulfillment of Einstein's (lifelong) quest for such a 'Unifying Field Theory' the New 'G-d's Physics' Paradigm completely unifies not only Relativity Theory and Quantum Mechanics within the broader (exhaustive) UCP's Universal Computational Formula's associated theoretical framework; it also completely unified between the four basic physical features 'space', 'time', 'energy' and 'mass' as secondary computational products of the UCP's singular UCF! In that respect, it may be said that the New 'G-d's Physics' Paradigm goes beyond Relativity's ability to unify (separately) between "space" and "time" (Spacetime), "energy and "mass" (Energy-Mass Equivalence) and the curvature of Space-Time by Mass (Einstein's Equations), as well as beyond QM's (fine) interrelationships between the (abovementioned) Heisenberg's Uncertainty Principle's 'complimentary pairs' of 'space' and 'energy', 'mass' and 'time' - indicating the complete unification of these four basic physical features as mere secondary computational products of the singular higher-ordered (and completely integrated) UCP's 'Universal Computational Formula'!

'G-d's Physics' "New Atom": UCP's Hierarchical-Dualistic Computational Process!

What's perhaps most fascinating about this New (21st century) 'G-d's Physics' Paradigm is that it completely alters (and revises) our basic conception (and understanding) of the basic composition of the physical universe; this is because the basic "material-Causal" Assumption underlying the Old Paradigm is that the basic "building-blocks" of the entire physical universe are "material entities" – i.e., "atoms" (or photos, quarks and other subatomic particles), which are governed by specific relativistic or quantum laws relating to particular physical interactions between these various material entities... But, according to the New 'G-d's Physics Paradigm, all of these (apparent) fundamental material "atoms" (e.g., material atomic or subatomic elements) – do not exist "continuously", and may not be considered as the basic "building blocks" of the physical universe!? This is because (as stated above

and previously) all of the exhaustive spatial pixels comprising the entire physical – do not exist "in-between" any two consecutive Universal Frames!?

Moreover, based on the (abovementioned) 'Computational Invariance Principle' (and its closely associated 'Universal Consciousness Reality' theoretical postulate) it was shown that since only this singular higher-ordered 'Universal Computational/Consciousness Principle' (UCP) exists - continuously: both "during" each consecutive Universal Frame (e.g., as solely computing the four basic physical features of each exhaustive spatial pixel in the universe). and also solely exists "in-between" any two such consecutive Universal Frames (UF's), e.g., wherein all of those exhaustive spatial pixels "dissolve" back into the singularity of the UCP; whereas all of these exhaustive spatial pixels (comprising the entire physical universe) exist only "transiently" (and "phenomenally") - only "during" each 'Universal Frames', but "dissolve" (into the UCP) "in-between" any two such consecutive UF's, therefore the 'Computational Invariance Principle' theoretical postulate evinces that only the ("computationally-invariant") UCP may be considered as "continuous", "permanent" and "real", whereas all exhaustive spatial pixels comprising the entire physical universe – including all of its apparent material "atoms building blocks" (quarks, bosons etc.) may only be considered as "transient", "phenomenal" and "unreal" – i.e., existing only as a manifestation of the "real" singular "Universal Consciousness Reality"! Indeed, according to the "Universal Consciousness Reality" (closely associated) theoretical postulate, it is precisely due to the "permanence" of this singular 'Universal Computational/Consciousness Principle' (UCP) - which exists both "during" each consecutive 'Universal Frame' (computing all exhaustive spatial pixels' four basic physical features) and also exists solely (without all of those exhaustive spatial pixels comprising the entire physical universe) "in-between" any two consecutive UF's, therefore only this singular higher-ordered 'Universal Consciousness Reality' may be considered as "real", whereas the entire physical cosmos (e.g., with all of its apparently "material" spatial pixels, "atoms" etc.) can only be considered as "phenomenal", "transient" "manifestations" of this singular 'Universal Consciousness Reality'!?

Therefore, according to this New 'G-d's Physics' Paradigm, we cannot (any longer) relate to the physical universe – as comprising of "material" 'building-blocks', e.g., such as "atoms", "quarks" etc., but only of the singularity of the Universal Consciousness Reality's (UCR) manifestation as the physical universe's "intermittent", "transient", "phenomenal" appearance (e.g., "during" each consecutive Universal Frame/s, which "dissolves" back into this singular UCR "in-between" every two consecutive UF's)... Indeed, this New 'G-d's Physics' profound understanding that the physical universe cannot be seen as "permanent" or "continuous" instead being understood as merely a 'transient', 'phenomenal' "manifestation of the singular 'Universal Consciousness Reality' (which exists unaltered both "during" each consecutive UF's as well as "in-between" each two consecutive UF's); the nature of this New UCR was discovered to comprise of up to "Ten Hierarchical Laws of Manifestation"; It was shown that since there cannot exist any "material-causal" physical relationships (or even "laws") between any two (or more) exhaustive spatial pixels existing either in the same- or different- Universal Frames, there has to be a higher ordered "driving-force" beyond the physicality of the entire series of UF's, which can explain- and determine- the

evolution of the physical universe, as well as of our Individual Human Life! Consequently, the New 'G-d's Physics' discovered the existence of a new "Dynamic-Equilibrium" Moral Principle which greatly determines the "set-up" and "configuration" of the series of UF's and evolution of our own Human Life: Succinctly stated, 'G-d's Physics' New Paradigm postulates that based on the "exhaustiveness" of this singular higher-ordered UCR, which produces- sustains- dissolves and recreates- every exhaustive spatial pixel in the physical universe; and based on another "Human Consciousness Inseparability Principle" – i.e., wherein it is understood that Individual Human Consciousness is in truth "inseparable" from this Universal Consciousness Reality (which can even be "experienced" in the "deep-sleep" state of Consciousness as well as in the abovementioned "Expanded Individual Human Consciousness State" at the waking state of Consciousness); therefore, it was postulated that pertaining to all Individual Human Consciousness (in the world), there exist an overarching "Dynamic-Equilibrium" Moral Principle whereby one of this singular Universal Consciousness Reality's "Ten Hierarchical Laws of Manifestation" relates to its inherent tendency to "balance", "harmonize" and "correct" any "moral-imbalance" created wherever one Individual Human Consciousness choses to "inflict-pain" upon another Individual Human Consciousness. It was postulated that whenever there exists such an "immoral choice" by one Individual Human Consciousness (to inflict "pain" or "suffering" upon another Individual Human Consciousness), then this brings about an "opposite harmonizing" effect of the singular Universal Consciousness Reality upon that Individual Human Consciousness which inflicted the pain – so that it would also experience the same degree of "pain" (or "suffering"), in order to bring about a restoration of the singular Harmonious Unity of all Individual Human Consciousness comprising the Universal Consciousness Reality... Therefore, the New 'G-d's Physics' Paradigm postulated that there exist multiple possible "future/s" for each Individual Human Consciousness being determined based on each Individual Human Consciousness "Moral-Choices", e.g., at each point in time!

What ensues from this (surprising) discovery of the existence of multiple possible futures for each Individual Human Consciousness' Moral Choice/s was the realization that there exists a higher-ordered "Supra-Spatial-Temporal Reservoir" for the Universal Consciousness Reality - which contains the entire "bank" of all 'past'', "present" and multiple possible "future/s", out of which a specific singular "future" is selected for each Individual Human Consciousness (for each consecutive Universal Frame/s)!? It is obviously entirely "inconceivable" for our limited Human understanding to "fathom" the complexity of this singular Universal Consciousness Reality's computation (or "Intelligence"), but it definitely awakens us to begin understanding the "Infinitude" of this singular Universal Consciousness Reality which has to not only compute- dissolve- re-compute- and evolve- each exhaustive spatial pixel in the universe (so many billions of times each second), but also has to compute and dynamically alter the actual composition of each "present" and multiple possible "future/s" of each consecutive Universal Frame/s based on the complexity of each and every Individual Human Consciousness in the world based on the particular 'Moral Choices' that each Individual Human Consciousness makes at every point in time?! Another one of the Metaphors that was used to try and appreciate this "Infinite Complexity" of this singular Universal Consciousness Reality's computation associated with the "Dynamic-Equilibrium" Moral Principle involved

the (imagined) "dynamics" of a Trampoline, wherein a "metal-bar" is placed within that Trampoline, e.g., such that it directly connects two single points comprising this Trampoline's delicate sheath; Imagine that one of these (two) points "decides" to "inflict pain/suffering" upon the other point, by "pushing" the 'metal-bar' against the other point; this would be equivalent to one Individual Human Consciousness "choosing" to "inflict pain/suffering" upon another Individual Human Consciousness?! Well, according to this 'Trampoline Metaphor', this would invariably lead to a "correcting"/"balancing" effect of the Trampoline's sheath to "counteract" this "violent" action taken by the "pain-inflicting" point, causing the "rebound" of the same degree of "pain"/"suffering" being inflicted upon that same "pain-inflicting" point (which was "experienced" by the other "pain-experiencing" point)... In other words, according to this New 'G-d's Physics' Paradigm newly discovered 'Dynamic-Equilibrium' Moral Principle, the Universal Consciousness Reality has to compute for each of the over seven Billion Individual Human Consciousness (on the planet) for each consecutive Universal Frame/s the precisely correct "moral-balancing" configuration which would allow it to "correct" its "immoral choice/s" (or in fact "reap the benefits" from its "good moral choices")... It is challenging to explain all of the complexity (and details) of the UCR's 'Ten Laws of Hierarchical Manifestation' within this limited article section, but it may suffice to mention that over and beyond these two "Supra Spatial-Temporal Reservoir" and "Dynamic-Equilibrium Moral Principle", there are several other such "Hierarchical Laws of Manifestation" including the new understanding that this UCR may be characterized by a "Good-Will" intrinsic tendency so that any of its computed Universal Frames, Supra Spatial-Temporal Reservoir, multiple possible future/s etc. are all aimed towards the betterment (and "Moral Perfection) of all Individual Human Consciousness entities and general Perfection of the World.

'G-d's Physics New Purposeful "Reversed Time Goal Hypothesis" Universe!

Hence, the New 'G-d's Physics' Paradigm portrays the entire existence- sustenance- continuous "dissolution"- and "re-production" of the entire physical universe – as solely produced by the singular higher-ordered 'Universal Consciousness Reality' in a very different 'light' than the Old 'Material-Causal' Paradigm (of Twentieth century's RT & QM): the basic "building-blocks" of the entire physical universe are not "material atoms" (quarks, photons, bosons etc. or any other subatomic particle, wave or other entity) – because all of the exhaustive spatial pixels comprising the whole universe simply "dissolve" between any two consecutive Universal Frames (back into the singularity of the UCR); and even when they seem to "exist" during each consecutive UF frame/s they are solely computed by the singular UCR, which constitutes the only "continuous", "real" "permanent" reality existing both "during" the UF's and also solely exist "in-between" any two such consecutive UF's frames! As also indicated above (and previously) this New 'G-d's Physics' Paradigm negates and rejects the Old 'Material-Causal' Paradigm's basic assumption wherein the physical universe was created by an initial 'Big-Bang' nuclear explosion, and is governed by mere "material-causal" arbitrary laws of physical interactions; it does not evolve based on mere physical interactions between 'Massive Objects' – seeming to "cause" the 'curvature' of 'Space-Time' (and vice versa, this curvature of Space-Time seems to dictate the 'travelling pathways' of those massive/non-massive objects), as suggested by Einstein's General

Relativity Equations; Nor is the behavior of the subatomic realm depend on probabilistic physical interactions between a subatomic 'probe' and target's 'probability wave function' (which is assumed to "cause" the "collapse" of this target's 'probability wave function'); Interestingly, this New 'G-d's Physics' Paradigm also challenges and revises some of the other basic assumptions underlying Theoretical Physics and even other Scientific sub-disciplines such as Darwin's Evolutionary 'Natural Selection' Principle; Thus for instance, 'G-d's Physics' was shown to challenge Physics 'Second Law of Thermodynamics' (and its associated 'Arrow of Time' conundrum); This is because the 'Second Law of Thermodynamics' is also based on the same (old) 'Material-Causal' Paradigm assuming that the physical interactions within a certain given Physical System, e.g., including its specific "entropy" level (at a given time 't1') determine the ensuing 'entropy' level at a subsequent timepoint ('t2'), which is assumed to grow with time; But as we've seen before, the New 'G-d's Physics' Paradigm negates the very possibility of the existence of any such "material-causal" physical interactions occurring (between any two or more exhaustive spatial pixels) existing at any single or multiple Universal Frame/s, thereby precluding the possibility that the entropy level at t1 could affect the entropy level at t2 - i.e., especially since all exhaustive spatial pixels comprising the Universal Frame/s at 't1' completely "dissolve" in between that 't1' Universal Frame/s at the Universal Frames that the UCR computes at 't2'! in much the same manner, it was also shown (previously) that the New 'G-d's Physics' (CUFT ACC) Paradigm strictly negates Darwin's "material-causal" 'Natural Selection Principle' (and associated evolutionary theory); This is because (once again) according to this New 'G-d's Physics' Paradigm, Darwin's Natural Selection Principle, which assumes that it is strictly based on the direct physical interactions between a given organism and an exhaustive set of Environmental Factors that determines the survival of only these organisms that best "fit" the environment – has to be rejected, simply because there cannot exist any physical interaction/s between any two (or more) exhaustive spatial pixels at any single or multiple UF's frames!

Instead, as mentioned above (and previously), the entire evolution of the physical universe, as well as the evolution of Biological Species (on Earth) is postulated to arise solely from attributes associated with certain characteristics of this singular higher-ordered Universal Consciousness Reality (UCR); First, 'G-d's Physics' Paradigm postulated that the accelerated expansion of the physical universe – does not arise from the existence of any "superfluous" (e.g., "non-existent") "dark-matter" or "dark-energy" (e.g., negated by the simultaneity of the UCP's computation of all exhaustive spatial pixels for each consecutive UF's frame/s and the "dissolution" of all these exhaustive spatial pixels "in-between" every two consecutive UF's frames); Rather, the accelerated expansion of the physical universe stems from an accelerated addition of the number of exhaustive spatial pixels comprising each consecutive UF's frame/s by the Universal Consciousness Reality! At a higher level, 'G-d's Physics' proclaims that this accelerated addition of the number of exhaustive spatial pixels composing every exhaustive Universal Frame/s is associated with this UCR's intrinsic property towards revealing its "Magnanimity" - e.g., especially for (us) Human-beings, and especially (perhaps) towards the "Completion"- and "Perfection" of the full course of the "Evolution of Consciousness" at this time - towards "Redemption" (termed: "Geula" in the Jewish Chassidic Tradition); Indeed, according to this New 'G-d's Physics' Paradigm of 21st century Theoretical

Physics, the whole course of the physical universe's evolution is computed by the singular Universal Consciousness Reality (UCR) towards a single ultimate "Goal" of reaching a State of Moral, Spiritual and even Physical "Perfection" termed: "Redemption" or "Geula"! Therefore, according to 'G-d's Physics' Paradigm both the Biological evolution is governed by the UCR's arrangement of the series of Universal Frames such that they drive an "Evolution of Consciousness" (apparent) development: i.e., progression from "inanimate", "animate": plants, animals, human-beings etc.; and moreover within Human-beings from Individual Human Consciousness towards the (abovementioned) "Expansive Human Consciousness" (in which Individual Human Consciousness completely integrates with the Universal Consciousness Reality)... In parallel to this (apparent) "Evolution of Consciousness", the UCR also drives Individual Human Consciousness' "Dynamic Equilibrium Moral Principle" - which "teaches" Human-beings to utilize their "Moral Choice/s" wisely (and "correctly"), i.e., not harming other Individual Human Consciousness, and realizing the abovementioned "UCR Inseparability Principle" wherein all Human Consciousness are viewed as inseparable from the singular unitary Universal Consciousness Reality! Likewise, the (abovementioned) observed accelerated expansion of the physical universe is also intended by the UCR to draw our attention to the Infinite Intelligence (and Power) of this UCR which "remembers", "computes", "dissolves", "re-computes" every exhaustive spatial pixel in the universe many billions of times per second – and also adds an accelerated number of such exhaustive spatial pixels to each consecutive Universal Frame/s!

Indeed, one the profound (and exciting) discoveries of this New 'G-d's Physics' Paradigm is its postulated "Reversed-Time Goal Hypothesis" which essentially hypothesizes that the whole evolution of the physical universe, as well as of our own Individual and Collective Human Consciousness is computed by the UCR - from its "Ultimate Goal" of "Complete Redemption" ("Geula"), e.g., a State of complete Moral, Spiritual and Physical "Perfection" (including the abolishment of "death", "evil", and "ignorance" of the existence of that Singular Higher-Ordered Universal Consciousness Reality, being replaced by a Collective Human State of full "appreciation", "gratitude" and even "reverence" for the Infinite Goodness, Intelligence and Perfection of this UCR...); in a "reversed order" (i.e., "reversed Arrow of Time"!) from this ultimate singular "future" Goal of "Redemption" ("Geula") towards the Universe's and Humanity's "past" evolution leading up to this one ultimate Goal of Moral, Spiritual and Physical 'Redemption'!? (This may be somewhat likened to the operation of the "WAZE" software which is computed based on the "ultimate-goal" of reaching a particular "destination" for each individual case - "back" into the particular (shortest) pathway that may lead that Individual to the desired "goal" destination...In much the same manner it is postulated that this singular UCR computes the entire progression of all of the universe's series of Universal Frames - from its initial 'Big-Bang' apparent depiction through its formation of stars, galaxies, planets and Earth, through the apparent development of inanimate, animate: plants, animals, Human-beings and up to Expanded forms of Individual Human Consciousness ("prophets") and ultimately the advancement of all Humanity towards the Perfected "Geula" State! All of this UCR's computation of all past, present and multiple possible future/s – is computed from the Ultimate "future" Goal of 'Redemption' – "back" to all "past" and "present" Universal Frames aiming at reaching this Perfected "Geula" State of the World (akin to the 'WAZE Metaphor').

Call for Empirical Validation of 21st Century New 'G-d's Physics' Paradigm

Interestingly, one of several unique "critical predictions" that can differentiate the New 'G-d's Physics' Paradigm from the Old 'Material-Causal' Paradigm (of 20th century Physics' Relativity Theory and Quantum Mechanics) -"converges" with some aspects of the abovementioned characteristics of the ultimate Goal of "Redemption": Thus, for instance, one of the unique 'critical predictions' of the 'Computational Unified Field Theory (CUFT) 'G-d's Physics' is associated with the UCR's accelerated addition of the number of exhaustive spatial pixels comprising the physical universe for each consecutive UF's frame/s; Specifically, as mentioned above (and previously), as part of the UCR's "Reversed-Time Goal Hypothesis" general trend of driving the whole of creation towards 'Geula" ('Redemption') through the 'Evolution of Consciousness' (e.g., through all inanimate, animate: plants, animals, Human-beings, and ultimately towards the 'Expanded State of Human Consciousness') one of the CUFT's 'critical predictions' relates to the special time of the Jewish "Rosh-Hashanna" (New Year) - which represents a "Collective Human Consciousness Focus" in which millions of Jews all around the world focus their attention and Consciousness towards that singular higher-ordered Universal Consciousness Reality, 'G-d'! It was hypothesized that since the ultimate "Goal" of the UCR's creation (dissolution, re-creation) and evolution of the entire physical universe - is to bring Humanity towards a state of "Recognition" and "Perfection" of the existence of this singular higher-ordered 'Universal Consciousness Reality', therefore at those "special times" in which a particular "Collective Human Consciousness" (in this case, the Jewish People) focuses, reveres, and is grateful towards this singular higher-ordered UCR - then this brings about a "non-continuous" acceleration in the rate of the universe's expansion! This means that according to the 'critical-prediction' of the New 'G-d's Physics' (CUFT) Paradigm, Astronomers and Cosmologists that would observe the rate of the universe's expansion before- as opposed to "during"- and after- the Jewish "Rosh Hashanna" (New Year) would find that the accelerated rate of the universe's expansion increases in a "non-continuous leap" during the Jewish 'Rosh Hashanna', associated with the "Collective Human Consciousness" (Jewish People) upon the singular higher-ordered Universal Consciousness Reality! This unique 'G-d's Physics' 'critical prediction' could obviously not be explained by the Old "Material-Causal" Paradigm's Relativity Theory or Quantum Mechanics (since any 'Relativistic' or 'Quantum' physical effect can only be explained through direct or indirect material/ physical interactions, but not be dependent upon any "Collective Human Consciousness" effects). Therefore, to the extent that this unique 'critical prediction' of 'G-d's Physics' would be validated empirically, this would indicate that the New 'G-d's Physics' Paradigm is more valid than the Old 'Material-Causal' Paradigm of RT and QM (and in fact includes both of them as integral parts of- and "special-cases" within this broader, more expansive new theoretical framework).

An "Urgent Call" for all Empirical Physicists, Astronomers, and Cosmologists etc. was made towards the previous Jewish "Ro-

sh-Hashanna", but unfortunately no such empirical validating measurements were made; Since such empirical validation could point at this New 'G-d's Physics' as the New (more valid and expansive) Paradigm for 21st century Theoretical Physics, and greatly advance Humanity's basic understanding of the origination, nature, makeup, composition, computation, "dissolution", sustenance and evolution of the entire physical universe (so many billions of times each second, as mentioned above and previously), as well as of Humanity's special role within it (in advancing the UCR's Ultimate Goal of "Redemption"/"Geula"); another Call for Empirical Validation of the upcoming "Rosh-Hashanna" is mentioned here: It is predicted that Astronomers'/Cosmologists measurements of the accelerated rate of the universe's expansion would indicate that prior to the Jewish "Rosh-Hashanna" that would take place this year on the 19th and 20th of September, the measured rate of the universe's expansion would be a certain "i" value prior to 'Rosh Hashanna', (which takes place during the 19th & 20th of September, 2020) i.e., so that measurements taking place up to the 18th of September (2020) should measure a "decreased" rate of the universe's accelerated expansion- relative to a "non-continuous leap" increase in a new "i+n" accelerated rate of the universe's expansion, which would be measured beginning from "Rosh-Hashanna, i.e., and subsequently from the 21st of September and onwards during the New Jewish Year.

Another unique 'critical-prediction' of the New 'G-d's Physics' Paradigm was specified involving Subatomic Accelerators' comparison of the number of times that a relatively "more massive" particle such as the "Muon" would be measured (across a given period of time), relatively to the number of times that a "less massive" particle such as the "electron" would be measured across the same period of time; This is because according to the CUFT's New 'G-d's Physics Paradigm the Universal Computational/Consciousness Principle (UCP) computes the "mass" of any particle as the number of times that that particle is being presented "consistently" (e.g., in terms of its abovementioned "internal" "object-consistent" values) across a given number of successive Universal Frames (UF's)! This implies that when we compare the number of such UF's frames in which a relatively 'more massive' Muon particle can be detected (across a given number of UF's frames) to the number of times that the 'less massive' electron particle was detected (across the same number of given UF's frames) we would expect to yield a much greater number of times that the Moun would be detected than the electron! Once again, this unique 'critical prediction' of the New 'G-d's Physics' (CUFT) Paradigm cannot be accounted for by either RT or QM (as detailed previously). Therefore, an empirical validation of either of these (unique) 'G-d's Physics' New Paradigm would "crown" it as the New satisfactory 21st century Paradigm of Theoretical Physics (embedding, integrating and ultimately transcending the Old 'Material-Causal' Paradigm of 20th century's RT & QM).

Dedication

This article is dedicated to my dear beloved (deceased) Mother Dr. Tirza Bentwich (daughter of Yitzchak and Miriam Zailer), my dear wife Shulamit Shuli Bentovish, me two dear sons, Shoham and Nethanel Yossef Bentwich, my dear daughter, Neomi Tirza Shulamit Bentovish, and to all of Humanity – in prayer that It may ful-

ly discover and appreciate this new 'G-d's Physics' Higher Understanding of the physical universe and of Humanity's important role in advancing and realizing the Ultimate "Geula" State of the World!

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