



"G-D'S PHYSICS NEW 21ST CENTURY PARADIGM: THE POWER OF "TESHUVA"!

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ABSTRACT

Twenty-first century Theoretical Physics is undergoing a Major "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm underlying both Relativity Theory (RT) and Quantum Mechanics (QM) to the New "G-d's Physics" (CUFT) "A-Causal Computation" (ACC) Paradigm 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 " = $1.36 \cdot 10^{50}$ (sec)! The New "G-d's Physics" Paradigm was shown capable of resolving the apparent "theoretical inconsistency" between RT & QM, revise and challenge basic assumptions of the Old "Material-Causal" Paradigm such as: the "Big-Bang" Model, Einstein's Equations' ("Material-Causal" Assumption), discard "dark-matter" and "dark-energy" as "superfluous" (non-existent!) and completely integrate both RT & QM as well as the four basic physical features of "space", "energy", "mass" and "time" as integral computational by-products of a newly discovered "Universal Computational Formula" (UCF) describing the UCP's extremely rapid simultaneous computation of the entire physical universe! Based on several of "G-d's Physics" newly discovered theoretical postulates, including: the "Computational Invariance Principle", "Universal Consciousness Reality", and the "Dynamic-Equilibrium Moral Principle", and its identification of unique "Critical-Predictions" differentiating it from the predictions of the Old "Material-Causal" Paradigm; the current article discovers the centrality and unique capacity of Individual Human Consciousness' "Power of Teshuva", i.e., the possibility of a "Conscious- remorse & resolute good moral choice/s" (not to repeat past "negative moral choice/s") to affect the "Universal Consciousness Reality's" (UCR) selection of one of multiple "positive" possible future/s for that Individual Human Consciousness – as well as the "rectifying/purifying" of that Individual Human Consciousness' particular "past-immoral choice"! Not less significant is the New "G-d's Physics" Paradigm's discovery and realization that the UCR's "Reversed-Time Geula Goal Hypothesis", e.g., according to which the UCR continuously strives to steer the physical universe towards its "Perfect Moral-Spiritual-Physical Geula State" in which the sole reality of this UCR and its intrinsic "All-Goodness, Morality & Unity" characteristics will be recognized is "aided" by each such "Teshuva" Individual Human choice! An Urgent Calling for Experimental Physicists, Astronomers & Cosmologists is (again) made to rest the unique "Critical Predictions" of this New 21st Century Theoretical Physics Paradigm!

1. Introduction: The New "G-d's Physics" Paradigm of Twenty-First Century Physics

Twenty-first Century Theoretical Physics is (no doubt) undergoing a major transition from the Old "Material-Causal" Paradigm towards the New "A-Causal Paradigm" "G-d's Physics" Paradigm; This is due to the fact that the Old "Material-Causal" Paradigm underlying 20th Century Physics' Relativity Theory (RT) and Quantum Mechanics (QM) indicates the two primary "symptoms" of an imminent "Paradigmatic-Shift" described by Thomas Kuhn (1962), e.g., the existence of an apparent "theoretical inconsistency" between these two RT & QM "pillars" of the Old "Material-Causal" Paradigm, and the principle inability of this Old "Material-Causal" Paradigm to account for up to 95% of

all the "mass" and "energy" in the universe (termed: "dark-matter" and "dark-energy", but which cannot be observed or verified empirically!) Indeed, according to Kuhn's brilliant analysis of the characteristics of such "Paradigmatic-Shifts", the appearance of these two "symptoms" of an apparent "theoretical inconsistency" between the pillars of the "Old Paradigm" and its inability to account for major observed empirical phenomenon (e.g., such as the accelerated expansion of the physical universe – which is assumed to be "caused" by the existence of purely hypothetical "dark-matter" and "dark-energy" that cannot be verified empirically) call for the discovery of a New Paradigm that can resolve these apparent theoretical inconsistencies and also explain this unexplained accelerated expansion of the

physical universe; Significantly, precisely the same condition existed over 100 years ago – when Einstein discovered his Relativity Theory, since back then there seemed to exist a principle "theoretical inconsistency" between the two "pillars" of Classical Newtonian Mechanics and Maxwell's Electromagnetic Theory, and there existed an equivalent (purely hypothetical) "ether" concept that was assumed to "perfuse" the whole universe, but which could not be detected empirically! This brought Einstein to discovery RT which could resolve the apparent "theoretical inconsistency" between Newtonian Mechanics and Maxwell's Electromagnetic Theory and also identified a particular empirical "Critical Prediction" that was different than the predictions of the Old Newtonian Mechanics' prediction;

Therefore, Twenty-first Century Theoretical Physics has reached a "dead-end" situation in which the two pillars of the Old "Material-Causal" Paradigm seem contradictory of each other and this Old "Material-Causal" Paradigm cannot account for up to 95% of all the "mass" and "energy" in the universe! In contrast, the New "G-d's-Physics" Paradigm (previously termed: the "Computational Unified Field Theory") was shown capable of resolving this apparent "theoretical inconsistency" between RT & QM, offer an alternative theoretical explanation for the accelerated expansion of the universe, and also identified a few unique "Critical Predictions" that can differentiate between the New "G-d's Physics" Paradigm and the predictions of the Old "Material-Causal" Paradigm – that once verified empirically would validate the New "G-d's Physics" Paradigm as the New Paradigm of 21st Century Physics! This would be akin (once again) to the empirical verification of Einstein's General Relativity Theory's by Eddington's 1919 Solar Eclipse validation of Mercury's doubled-value Perihelion curvature around the Sun due its predicted curvature of "Space-Time" etc. The major advancement made by the New "G-d's Physics" Paradigm is its discovery of the singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes every exhaustive spatial pixel comprising the entire physical universe – at every minimal (consecutive) "time-point", giving rise to an incredibly rapid, (e.g.: $c^2/h=1.36^{-50}$ sec') series of "Universal Frames" (UF's) comprising the physical universe! Indeed, this new discovery of the simultaneous UCP's computation of all of the exhaustive spatial pixels comprising the entire physical universe at each consecutive UF's frame has brought a "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" "A-Causal Computation" Paradigm!

This is because since according to this New "G-d's Physics" Paradigm the UCP *simultaneously computes* all exhaustive spatial pixels in the universe – for each consecutive UF's frame/s, and since the New "G-d's Physics" Paradigm postulates that the entire physical universe (and all of its comprising exhaustive spatial

pixels) "dissolve" "in-between" any two consecutive UF's frames, therefore according to the New "G-d's Physics" Paradigm there cannot exist any "material-causal" physical interactions between any two (or more) exhaustive spatial pixels existing either within the same- or different UF's frame/s! This profound Paradigmatic-Shift from the Old "Material-Causal" Paradigm to the New "G-d's Physics" "A-Causal Computation" Paradigm entirely changes Physics basic understanding of the entire physical universe – its origination, sustenance, and evolution – towards a "Perfect Moral, Spiritual and even Physical State! The Old "Material-Causal" Paradigm assumed that any phenomenon in the universe, e.g., whether at the relativistic (macroscopic) or quantum (microscopic) scale – can be explained as "caused" by specific "material-causal" physical interactions between particular "x" and "y" elements; Thus, General Relativity Theory assumes that the presence of certain massive objects ("x") "cause" the "curvature of Space-Time" ("y"), and conversely that this "curved Space-Time" "causes" (or determines) the "travelling pathways" of these massive objects (and other less massive objects); Similarly, at the microscopic scale, Quantum Mechanics assumes that it is the direct physical interactions between a subatomic "probe" element and a corresponding subatomic "target" element – which "causes" the "collapse" of the target's (assumed) "probability wave function" into a singular "complimentary" ("energy-space" or "mass-time") value. But, since according to the New "G-d's Physics" Paradigm there cannot exist any such direct "material-causal" physical interaction/s between any two (or more) exhaustive spatial pixels found at any single or multiple UF's frames (nor "in-between" any two such consecutive UF's frames in which the entire physical universe "dissolves" back into the singularity of the UCP!), therefore the New "G-d's Physics" A-Causal Computation Paradigm offers an entirely different, new (and exciting) theoretical account of the origin- sustenance- and evolution- of the entire physical universe towards its "Ultimate Perfected (Moral, Spiritual & Physical) State" called "Geula" in the "Jewish-Chassidic" Tradition!

2. "G-d's Physics" New "A-Causal Computation" Paradigm

Hence, the New 21st Century "G-d's Physics" Paradigm discovered that there cannot exist any direct (or even indirect) "material-causal" physical relationships between any two (or more) relativistic or quantum exhaustive spatial pixels existing either in the same- or different- Universal Frames (e.g., due to the complete "dissolution" of all exhaustive spatial pixels comprising the entire physical universe "in-between" any two consecutive such Universal Frames back into the singularity of the UCP!) This new profound discovery made by 21st century New "G-d's Physics" Paradigm produces a very fundamental "Paradigmatic Shift" from the Old "Material-Causal" Paradigm – throughout the various foundations of Theoretical Physics, and even beyond that, throughout the various sub-disciplines of

Science (more generally)! For example, one of the basic assumptions of the Old "Material-Causal" Paradigm is that the physical universe was created by an initial "Big-Bang" nuclear event: which created the various suns, galaxies, planets, matter, energy, etc. But, according to the New "G-d's Physics" Paradigm such a "Material-Causal" assumption wherein there existed an initial "nuclear event" that created the whole universe from an extremely condensed concentration of mass is strictly negated! This is simply because there could not have been any such direct (or even indirect) physical interaction/s between any two (or more) exhaustive spatial pixels) at any single- or multiple- Universal Frames (UF's), e.g., since the Universal Computational/Consciousness Principle (UCP) *simultaneously* computes every exhaustive spatial pixel in the universe for each consecutive UF's frame/s; and since the whole universe "dissolves" back into the singularity of the UCP "in-between" any two such consecutive UF's! Similarly, the assumption that the empirically observed acceleration of the physical universe is caused by the existence of purely hypothetical "dark-matter" and "dark-energy" – which also represents the same basic "Material-Causal" assumption is strictly negated by the New "G-d's Physics" "A-Causal Computation" Paradigm, which negates the existence of any direct or even indirect material-causal physical interactions between any two (or more) exhaustive spatial pixels existing either in the same- or different- UF's frame/s!

In order to better understand the basic Paradigmatic-Shift from the Old "Material-Causal" Paradigm underlying 20th century Physics' Relativity Theory and Quantum Mechanics – to the New "A-Causal Computation" "G-d's Physics" (CUFT) Paradigm a "Cinematic-Film Metaphor" has been utilized: Imagine watching a film in which an extremely fast supersonic jet-plane is being depicted: if asked whether this supersonic jet-plane possesses any "energy" (or velocity) – our "automatic", "common-sense" reply would be that surely this jet-plane possesses (tremendous) velocity (or energy); But, upon closer examination of the "energy" or "velocity" of this 'jet-plane' across each of the rapid series of film-frames, we would have to reach the inevitable conclusion that in fact, this 'jet-plane' does *not* possess any "energy" or "velocity" – rather it is being "displaces" across the series of given film-frames so that its spatial location changes from one frame to another! In fact, if we were to compute the jet-plane's velocity (or energy) across the given series of film-frames, this would be given simply based on the degree of the jet-plane across the given series of frames; This is simply because if we were to compare the "energy" or "velocity" of the jet-plane to say the "energy" or "velocity" of another "pedestrian" appearing in the film, then we would discover that the only difference existing between their respective "velocity" or "energy" is based on their corresponding degree of "displacement" across the given series of film-frames, e.g., the 'jet-plane' has been displaced much more

than the 'pedestrian' across the given series of frames! In fact, based on this "Cinematic-Film Metaphor" illustrating certain key aspects of the New "G-d's Physics" Paradigm the essential computation of the four basic physical features of "space" and "energy", "mass" and "time" – as the UCP's computation of the degree of "lack of change" (inconsistency) or "change", given either relative to the entire "Universal Frame/s" (UF's) or relative to the internal constitution of any given object (e.g., "frame" or "object") can be explained: According to the New "G-d's Physics" Paradigm, the UCP simultaneously computes the four basic physical features of "space" and "energy", "mass" and "time" – based on two (out of three) associated Computational Dimensions of "Framework" (comprising "frame" or "object"), "Consistency" ("consistent" or "inconsistent")! Viewed from this new "G-d's Physics" "A-Causal Computation" Paradigm perspective, "space" and "energy" are computed as the UCP's computation of "frame"- "consistent" or "inconsistent" degree of displacement, whereas "mass" and "time" represent the UCP's computation of an "object" – "consistent" or "inconsistent" displacement;

In order to explain the basic "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "A-Causal Computation" Paradigm, the Cinematic-Film Metaphor utilizes a scenario in which a "Mercury Ball" is depicted as "impacting" a "Glass-Jar" – apparently "causing" its "shattering" and "spillage" of its constituent "water" on the floor... Once again, we find that this 'Cinematic-Film Metaphor' offers us a novel alternative perspective on the "real" underlying "dynamics" underlying what seems as the "breakage of the Glass-Jar as caused by the Mercury-Ball"; this is simply because when we "slow-down" the progression of the film-frames, we find that in all of the film-frames, both the "Glass-Jar" and the "Mercury-Ball" are presented "simultaneously" and therefore that there cannot exist any direct physical interaction between them at any of the multifarious film-frames comprising the entire film progression! The only thing that really "happens" in the film is the Director's arrangement of the series of film-frames in such an order that gives the "appearance" of the "Mercury-Ball" being presented at ever closer "proximity: to the "Glass-Jar" until their physical "conjoining", followed by film-frames depicting the "shattering of the Glass-Jar" and the "spillage of the Glass-Jar's water on the floor"?! In other words, even though there could not have been any real "material-causal" interaction/s between the "Mercury-Ball" and the "Glass-Jar" – since they are both being presented simultaneously for each consecutive film-frame/s, what seems to us (as the viewers of the film) is that there exists a clear "cause-and -effect" physical relationship/s between this Mercury-Ball and its "breakage" of the Glass-Jar... When we translate this 'Cinematic-Film Metaphor' into the "analogous" New "G-d's Physics" "A-Causal Computation" Paradigm we begin realizing that contrary to the Old "Material-Causal" Paradigm's basic

assumption wherein the physical universe operates based on strict "material-causal" physical interactions – either between certain "massive objects" and their "curvature of Space-Time" (and vice versa, the assumed curvature of Space-Time "causing" or determining the travelling pathways of those massive and other less-massive objects); or between a given subatomic "probe" element and a corresponding subatomic "target's probability wave function" which is assumed to "cause" the "collapse" of this target's "probability wave function" into a single complimentary (space-energy or mass-time) value; the New "G-d's Physics" (CUFT) Paradigm discovers that there cannot exist any such "material-causal" physical interactions between certain "massive objects" and their apparent "curvature of Space-Time" or between the subatomic probe and target's (assumed) "probability wave function" which "collapses" into a singular complimentary value! Rather, based on the abovementioned 'Cinematic Film Metaphor', all that truly exists is the UCP's arrangement of a series of UF's frames depicting these apparent "material-causal" physical interactions – which cannot truly exist since the UCP simultaneously computes all exhaustive spatial pixels for each consecutive UF's frame/s, and moreover the whole universe "dissolves" back into the singularity of the UCP "in-between" any two consecutive UF's frames (so that there cannot exist any "transference" of any physical effects or material entities across any two consecutive UF's frames!)

3. G-d's Physics New Paradigm's Conception: The "Arrow of Time" May be Reversed!

Indeed, one of the unique "Critical Predictions" of the New "G-d's Physics" Paradigm of 21st Century Theoretical Physics which differentiates it from the corresponding predictions of both Relativity Theory and Quantum Mechanics (e.g., representing the Old "Material-Causal" Paradigm) regards the New "G-d's Physics" prediction that "time may be reversed"! This is because contrary to the Old "Material-Causal" Paradigm underlying both Relativity Theory (RT) and Quantum Mechanics (QM) assume that time may not be "reversed" – since according to Relativity Theory it is not possible to travel at a speed greater than the Speed of Light, hence it is not possible to "catch hold" of any previous light-signal; and similarly, according to Quantum Mechanics, following the assumed "collapse" of the subatomic target's "probability wave function" which is "caused" by its direct physical interaction with a corresponding subatomic "probe" element into a singular "complimentary" (energy-space, time-mass) value, it is not possible to "un-collapse" this already "collapsed" target's singular (complimentary) value back into its previous "un-collapsed" probability wave-function state!

Contrary to this basic Old "Material-Causal" Paradigm's assumption, which assumes that the four basic physical features of "space", "energy", "mass" and "time" characterizes the direct physical interactions between certain relativistic "massive-objects" and their curvature

of "Space-Time" or between specific quantum subatomic "probe" and "target's probability wave function" elements which "causes" the "collapse" of this "target's probability wave function" into a singular (complimentary) "space-energy" or "mass-time" value; the New "G-d's Physics" Paradigm postulates that the four basic physical features of "space", "energy", "mass" and "time" are being computed simultaneously for all exhaustive spatial pixels in the universe by the Universal Computational/Consciousness Principle (UCP) for each consecutive UF's frame/s! Specifically, the New "G-d's Physics" Paradigm postulates that the "time" value of any given exhaustive spatial pixel in the universe is computed by the UCP as the degree of that specific spatial pixel's "Object-Inconsistent" value across a given series of UF's frames! This means that the greater the degree of "Object-Inconsistent" (change) given in any specific spatial pixel the greater the value of "time" associated with this particular spatial-pixel... But, this also means that to the extent that it may be possible to manipulate the (electromagnetic) values of any given spatial pixel across a given series of UF's frames – such that their sequential (electromagnetic) values order may be "reversed" (across an equivalent series of UF's frames), then it should be possible to "reverse-time"! Indeed, contrary to the basic "Material-Causal" assumption underlying both RT & QM which views the "temporal value" of any given relativistic or quantum "phenomenon" (entity or event, etc.) as strictly associated with the transmission of a light-signal emanating from that particular "phenomenon", or as associated with the "unidirectional collapse" of the target's probability wave function as "caused" by its direct physical interaction with another subatomic "probe" element – which produces a particular complimentary "mass-time" single value; the New "G-d's Physics" Paradigm postulates that the "temporal value" of any given relativistic or quantum "phenomenon" (entity or event etc.) is computed by the UCP – solely based on its "Object-Inconsistent" combination, and therefore that it may be possible to "reverse-time" of any such given "phenomenon" based on a reversal of its sequential (electromagnetic) values across a series of given UF's frames!

Perhaps an even more fundamental assumption of the Old "Material-Causal" Paradigm underlying both RT & QM is indeed its "Material-Causal" assumption assuming that the origination- dynamics- and evolution- of any relativistic or quantum "phenomenon" or "event" arises from the direct (or indirect) physical interaction between any to (or more) exhaustive (relativistic or quantum) spatial pixels! In this manner the origination of the entire physical universe is assumed by General Relativity Theory to arise from an initial "nuclear event" – which "caused" a "cascade of events" that led to the creation of all of the suns, galaxies and planets in our universe; Indeed, the "Second Law of Thermodynamics" is also associated with this basic fundamental "Material-Causal" assumption since it assumes that the given "entropy

level" of any given Physical System "causes" the given Physical System to increase its "entropic value" with the passage of "time"; In other words, the "entropic value" of any given Physical System "causes" that given System to increase its "entropic value" with time – e.g., due to the intrinsic direct (or indirect) physical interactions between the various components of that given System across "time"... So, this "intrinsic characteristic" of any given Physical System stemming from its direct (or even indirect) physical interactions between its comprising exhaustive set of spatial pixels – i.e., in other words, its basic "Material-Causal" assumption, inevitably leads to its manifestation of the "Second Law of Thermodynamics" which asserts that the given level of "entropy" of any given (macroscopic-relativistic or microscopic-quantum) Physical System must increase with the passage of "time"; This "Second Law of Thermodynamics" characterization of the inevitable evolution and "decay" of any given Physical System – is indeed "synonymous" with the basic "Arrow of Time" theorem which postulates that "time" may only flow from the "past" to the "future", but not vice-versa! In line with this unidirectional "Arrow of Time" assumption and its associated more fundamental (abovementioned) "Material-Causal" underlying assumption is also the basic "probabilistic account" of Quantum Mechanics: This is because (once again), this probabilistic account of the Old "Material-Causal" Paradigm assumes that it is only due to the direct physical interaction between a given subatomic "probe" element and a corresponding subatomic (assumed) "target's probability wave-function" – which "causes" the "collapse" of this "target's probability wave function" into a singular (complimentary) "mass-time", "energy-space" value; and that this "collapsing" of the subatomic target's (assumed) "probability wave function – cannot be "reversed" since the multifarious probabilistic (possible) values of the given "target's probability wave-function" undergo an "irreversible collapsing" into the singular complimentary "time-mass", "energy-space" value! Hence, the basic "Material-Causal" assumption underlying both RT & QM necessitate- and indeed ensue the "inevitable" "unidirectional" "Arrow of Time" property of any given (macroscopic or microscopic) Physical System, i.e., which necessitates "time" to flow "unidirectionally" – from the "past" to the "future" but not vice-versa!?

However, since the New "G-d's Physics" Paradigm negates this basic "Material-Causal" assumption underlying both RT & QM Old "Material-Causal" Paradigm – based on its discovery of the singular higher-ordered UCP which "simultaneously" computes all exhaustive spatial pixels in the universe, for each consecutive UF's frame/s; therefore the discovery of this New "G-d's Physics" Paradigm opens completely new possibilities for the broader and more exhaustive perspective of this New "A-Causal Computation" Paradigm of "G-d's Physics": Since the singular higher-ordered UCP simultaneously computes all exhaustive spatial pixels in the universe at the incredible rate of

$c^2/h = 1.36^{50}$ sec⁻¹ for each consecutive UF's frame/s, and moreover since the entire physical universe "dissolves" back into the singularity of the UCP "in-between" any two consecutive UF's frames, therefore according to the New "G-d's Physics" Paradigm there cannot exist any "material-causal" physical interactions (e.g., direct or indirect) between any two (or more) exhaustive spatial pixels existing either in the same- or different- UF's frames! Moreover, according to this New "G-d's Physics" Paradigm conception of the four basic physical features of "time", "mass", "energy" and "space" – these basic physical features exist only as computed by the singular higher-ordered UCP based on its two (out of three) "Computational Dimensions" of "Framework" ("frame"/"object") and "Consistency" ("consistent"/"inconsistent"), rather than are derived from any direct physical interaction/s between any relativistic or quantum components. In fact, based on two other theoretical postulates of this New "G-d's Physics" Paradigm called: the "Computational Invariance Principle" and its associated "Universal Consciousness Reality", the New "G-d's Physics" Paradigm completely revises our basic conception and understanding of these four basic physical features and the true nature of the physical universe!

This is because according to the "Computational Invariance Principle", the only "computationally-invariant" element in the universe is this singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) – which exists uniformly and consistently both "during" each consecutive UF's frame/s and also solely exists "in-between" any two consecutive UF's frames; whereas those four basic physical features of "space", "energy", "mass" and "time" may only be regarded as "computationally-variant", e.g., exists only "during" each consecutive UF's frame/s, but ceases to exist "in-between" any two consecutive UF's frames! Therefore, the associated "Universal Consciousness Reality" theoretical postulate asserts that since only this singular higher-ordered "Universal Computational/Consciousness Principle" exists consistently and continuously both "during" each consecutive UF's frame/s – in which it solely computes all exhaustive spatial pixels' four basic physical features, and solely exists "in-between" any two consecutive UF's frames (in which all exhaustive spatial pixels' four basic physical features "dissolve" back into the singularity of the UCP), hence the only thing that "really" exists is this singular higher-ordered "Universal Consciousness Reality", whereas all exhaustive spatial pixels' (four basic physical features) only represent a "transient", "phenomenal" manifestation of this singular higher-ordered Universal Consciousness Reality!

Indeed, viewed from this new higher-perspective, "time" as well as the other three basic physical features (of "space", "energy" and "mass") is seen as representing a "transient", "phenomenal" manifestation of this singular higher-ordered UCP's computation of the degree of

"Object-Inconsistent" for any particular spatial pixel across a given series of UF's frames – rather than exists "objectively" or "consistently" (e.g., as a "material-causal" entity "caused" by its interaction with other relativistic or quantum elements)! Hence, according to this New "G-d's Physics" Paradigm, the entire physical universe (and all of its constituent exhaustive spatial pixels) is seen – not as existing "objectively" and "independently", but rather only as a "transient", "phenomenal" manifestation of the "real" singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which produces- "dissolves"- re-produces- and evolves- every exhaustive spatial pixel in the universe at the incredible rate of " $c^2/h = 1.36 \cdot 10^{50}$ sec"! Viewed from this new higher-ordered singular perspective of the Universal Consciousness Reality (UCR) perspective, both the existence of the physical universe as a "solid-objective" reality and as constrained by the (abovementioned) "Arrow of Time" unidirectional flow of time – e.g., from the "past" to the "future", but not vice versa are significantly challenged! The universe (and all of its constituting exhaustive spatial pixels) only exist "transiently" and "phenomenally" as manifestations of the singular higher-ordered Universal Consciousness Reality (UCR) – but do not exist "independently" of it, and only exist "during" this UCR's intermittent computation of the (extremely rapid) series of UF's frames (e.g., "dissolving back" into the singularity of the UCR "in-between" any two consecutive UF's frames); and precisely since all exhaustive spatial pixels comprising the entire physical universe critically depend (for their existence, sustenance and evolution) upon the operation of this singular higher-ordered UCP/UCR – and specifically, upon its two Computational Dimension (of "Framework" and "Consistency") for their computation of the four basic physical features of "space", "energy", "mass" and "time"; therefore, the New "G-d's Physics" Paradigm discovers, e.g., for the first time in Physics (history) that it may be possible to "reverse-time", by emulating and "reversing" the sequential computation of the UCP's for each given spatial pixel/s (object) series of electromagnetic values (across a given series of UF's frames)!

4. "G-d's Physics" "Ten Laws of Hierarchical manifestation"

In fact, as mentioned earlier (and previously), the New "G-d's Physics" (CUFT) Paradigm has shown us, e.g., based on its two "Computational Invariance Principle" and "Universal Consciousness Reality" theoretical postulates) that the physical universe may only be regarded as a "transient-phenomenal" manifestation of the singular "real" reality of the "Universal Consciousness Reality" (UCR) – which exists both "during" each consecutive UF's frame/s and also solely exists "in-between" any two consecutive UF's frames (wherein the entire physical universe "dissolves" back into the singularity of this UCP)! This "startling" and "profound" new discovery made by the New "G-d's Physics" Paradigm has indeed led to the further

discovery of the "Ten-Laws of Manifestation", which are herein described briefly, i.e., essentially indicating that the existence, manifestation, sustenance and evolution of the entire physical universe may not be explained from "within" the universe – but rather must be explicated as resulting solely from the UCP's intrinsic characterization of those "Ten-Laws of Hierarchical Manifestation" which are listed below:

a) The UCP's Three "Computational Dimensions": Framework, Consistency and Locus

The first ("lowest") Law of Manifestation is the UCP's three "Computational Dimensions" of "Framework" (frame/object), "Consistency" (consistent/inconsistent) and "Locus" (global/local), which were shown to produce the four basic physical features of "space" and "energy" (i.e., "frame-consistent" or "frame-inconsistent") or "mass" and "time" (e.g., "object-consistent" or "object-inconsistent") computational measures. This means that the UCP's basic computation of the four basic physical features of the physical universe of "space" and "energy", "mass" and "time" are seen to merely represent different computational combinations of the UCP's (UCR's) two Computational Dimensions (Framework and Consistency – with the third "Locus" Computational Dimension qualifying these four basic physical features depending on the particular point of view of the "observer", e.g., from within the measured phenomenon or from the perspective of the entire UCP's frame etc.).

b) The UCP's "Universal Computational Formula" (UCF): Complete Integration of Space, Energy, Time & Space

The "second" (ascending) UCP's Law of Manifestation is its "Universal Computational Formula" (UCF) which completely integrates those four basic physical features of "space" and "energy", "mass" and "time" – due to the UCP's simultaneous computation of each of those exhaustive spatial pixel's four basic physical features! We find that due to the fact that the UCP simultaneously computes all of those four basic physical features simultaneously for each exhaustive spatial pixel therefore the UCP's "Universal Computational Formula" (UCF) describes the manner in which these four basic physical features are computed simultaneously (for each exhaustive spatial pixel comprising every consecutive UF's frame/s)! As explained previously, we find that this integrated simultaneous computation of the UCP – of those four basic physical features implies that they are truly not "separate" or "independent" of each other, but rather represent integrated- and (in fact) "complimentary" secondary computational "by-products" of the same singular UCP's computation of every exhaustive spatial pixel (in the universe), in terms of its "Object"/"Frame" – "Consistent"/"Inconsistent" computational measures; As explained previously, for instance, the well-known relativistic "laws" (and relationships), such as between an object's relativistic speed and its increase in "mass" or "dilation of time" –

may be easily explained based on the UCP's simultaneous and integrated computation of any given object's (increased) "Object-consistent" ("mass") value and its (decreased) "Object-inconsistent" ("time") value, or between an object's (increased) "Frame-inconsistent" ("energy") value and its (increased) "Object-consistent" ("mass") value; this is due to the fact that the UCP's computational definitions of any give (exhaustive) spatial pixel's "Object-consistent" ("mass") is converse to its computational definition of that spatial pixel's "Object-inconsistent" ("time"), and likewise due to the UCP's computational definition of any given (exhaustive) spatial pixel's "Frame-inconsistent" ("energy") value is necessarily conversely related to its computational definition of that spatial pixel's "Object-consistent" ("time") value, due to certain UCP's computational constraints set on the "maximal degree of displacement" possible of any given object (e.g., in terms of the number of spatial pixels it may be displaced across any two given consecutive UF's frame/s!) Indeed, in this manner the discovery of "G-d's Physics" "Universal Computational Formula's" complete unification of the four basic physical features of "space" and "energy", "mass" and "time" (as "Frame"-consistent/"inconsistent" and "Object"-consistent/"inconsistent" computational measures) has led not only to the unification of key relativistic and quantum features as integral computational aspects of the UCF, but (perhaps more significantly) also led to a complete unification of space, energy, mass and time as secondary computational integrative aspects of the same unitary singular UCR, including its replication and explanation of key Relativistic and Quantum "law" and relationships such as the "Energy-Mass Equivalence", the "curvature of Space-Time by mass" the "dilation of time" for "relativistic observers" (or for "massive objects") etc. Indeed, one of the recent "striking" new discoveries made through this UCF is its potential accounting for all known (and to be discovered) elementary particles predicted by the Standard Model – as merely representing different computational values embedded within this UCP's "Universal Computational Formula"; as well as unifies between the four basic forces (Weak, Strong, Electromagnetic and Gravitational)! Nevertheless, as pointed out above (and previously), "G-d's Physics" realization of the "Computational Invariance Principle" and especially of the "Universal Consciousness Reality" (UCR) teaches us that none of these "transient-phenomenal" "particles", or "forces" or even four basic physical features (of "space" and "energy", "mass" and "time") may be regarded as "real" continuous "independent" material entities – but are now only seen as transitory manifestations of the singular higher-ordered UCR!

Universal Computational Formula (UCF)

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

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

c) The UCP's Supra Spatial-Temporal Reservoir: Multiple Possible Future/s!

The next "rung" UCP's "Hierarchical-Law of Manifestation" relates to the UCP's computation of all possible "past", "present" and multiple possible "future/s" UF's frame/s which are contained within the UCP's "Multi Spatial-Temporal Reservoir"! Indeed, according to "G-d's Physics" New Paradigm, since there cannot exist 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 – but rather the UCP simultaneously computes all of these exhaustive spatial pixels comprising each consecutive UF's frame/s; therefore there exists a "bank" of all "past", "present" and multiple possible "future/s" UF's frame/s which are computed by the UCP and stored within it – which in turn are dependent upon still higher "rung" "Hierarchical-Laws of Manifestation", i.e., such as the "Dynamic-Equilibrium Moral Principle"! It is nevertheless noteworthy to mention (at this point) that this UCP's "Supra Spatial-Temporal Reservoir" transcends "space" and "time" – as it includes all "past", "present" and multiple possible "future/s" UF's, and also that it exhibits a "unitary-integrative-singular" Reality which encompasses all past, present and multiple future/s UF's as a singular Reality which is associated and indeed being affected by yet higher "rungs" of the UCP's "Hierarchical Laws of Manifestation"!

d) The UCP's "Dynamic-Equilibrium Moral Principle"

The next ("higher-up") "Hierarchical Law of Manifestation" is the "Dynamic-Equilibrium Moral Principle" which essentially describes one of the basic

intrinsic propensities or characteristics of the "Universal Consciousness Reality" (UCR) which relates to its basic "Unitary-Harmonious" nature; i.e., since there exists only one singular higher-ordered UCP/UCR – which exists both "during" it's (simultaneous) computation of all exhaustive spatial pixels comprising each consecutive UF's frame/s and also solely exists (without the presence of any physical universe) "in-between" any two consecutive UF's frame/s, and since this unitary and singular UCR possesses an intrinsic propensity to encourage all "Individual Human Consciousness" (e.g., human beings) to realize their "inseparability" from this singular higher-ordered "Unitary-Harmonious" UCR; therefore the "Dynamic-Equilibrium Moral Principle" represents the UCP's intrinsic tendency towards "balancing" any "moral-injustice" or "immoral choice" made by any given Individual Human Consciousness towards another Individual Human Consciousness! Metaphorically speaking, in the same manner that a healthy human-being would never use their "right hand" to "inflict pain" upon their "left hand" (because they are part of the same human-being), so does this UCP's "Dynamic-Equilibrium Moral Principle" operate to "teach" and "correct" any given Individual Human Consciousness (e.g., person) who opts to inflict "pain" or "suffering" (G-d forbid) upon another Individual Human Consciousness to not repeat such "immoral-choice/s or action/s" based on its computation of an "equivalent negative (pain/suffering)" experienced by the same Individual Human Consciousness that decided to inflict pain upon another Individual Human Consciousness... This means that to the UCP's "Dynamic-Equilibrium Moral Principle" selects one of the multiple possible "future/s" for each Individual Human Consciousness based on its "moral/immoral" choice/s and action/s executed towards any other Individual Human Consciousness – in order to "balance" any "immoral choice/action" so that that Individual Human Consciousness that chose (G-d forbid) to inflict pain upon another Individual Human Consciousness would have to "experience" (itself) such a "negative experience" (e.g., of the same degree of "pain"/"suffering" that it inflicted upon the other Individual Human Consciousness). Indeed, as mentioned above (and previously) the "Trampoline-Metaphor" was given wherein if a "metal-bar" was placed on the elastic sheath of a Trampoline such that it "connects" two points (equivalent to two Individual Human Consciousness), and to the extent that one of these two points "chose" to "push and press hard" the metal-bar against the other point – then this would inevitably lead to the other point automatically "pushing back" the metal bar against the "first-point" (which would be a representation of the Dynamic-Equilibrium Moral Principle's "balancing" of any "immoral-choice" made by one Individual Human Consciousness against another Individual Human Consciousness that "automatically" sets in motion the UCR's "balancing" and "teaching" that "inflicting-pain" Individual Human Consciousness having to experience the same "degree" of "pain/suffering" that it inflicted

upon the other Individual Human Consciousness)... We therefore see that the selection of one of multiple possible "future/s" UF's for each Individual Human Consciousness is carried out by the UCR – based on the "moral/immoral choice/s" executed by any Individual Human Consciousness at any given point in time towards any other Individual Human Consciousness! (Obviously, such "incomprehensible", "infinite" Intelligence implied by this UCR's "infinite" capacity to compute and "balance" all of the almost either Billion Individual Human Consciousness towards any other Individual Human Consciousness at any past, present or indeed future/s time/s – may invoke a sense of "wonderment", "awe" and even "reverence" towards this UCR's "Infinite Intelligence" and also its basic "All-Goodness" propensity to "teach" and "harmonize" all Individual Human Consciousness to "respect" and regard any other Individual Human Consciousness as "inseparable" from the same singular higher-ordered "Universal Consciousness Reality"...))

e) The UCP's "Expansion of Consciousness" (Inanimate & Animate) Hypothesis

But, even beyond the UCP's "Dynamic-Equilibrium Moral Principle", which computes one of multiple possible "future/s" UF's frame/s for each Individual Human Consciousness based on each Individual Human Consciousness' "selection" of "moral/immoral choice/s" at each point in time, there exists a more general tendency of the UCP to express ever more "expansive" forms of Consciousness – i.e., from the inanimate forms of "matter" (e.g., including all relativistic and quantum subatomic "particle/s" or "wave", the Four Forces of Nature etc.) through animate: plants, animals and leading up to human-beings (which manifests the most "expansive" form of Consciousness! Even within this most advanced and "Expansive" form of Individual Human Consciousness (e.g., human-beings) there exists a further "Expanded form of Human Consciousness" – in which the Individual Human Consciousness is "inseparable" from the Universal Consciousness Principle (UCP or UCR), which was previously outlined; In this "expanded" form of Individual Human Consciousness the "expanded Human Consciousness" functions in a manner which is equivalent to the functioning of the UCR (e.g., in some respects, at least) – which implies that such "Expanded Individual Human Consciousness" can cognize- know- and even affect- any exhaustive spatial pixel/s in the universe (simultaneously and pertaining to any "past", "present" or multiple possible "future/s" UF's frames)! Indeed, as previously outlined this "Expansion of Consciousness" hypothesis implies that there does not exist any real "separation" between the UCP's "driving" of the evolution of Inanimate forms (e.g., relativistic or quantum – including the accelerated expansion of the universe and all Four Forces, basic particles etc.) towards its more expansive expression of animate forms – including the whole presentation of ever more conscious forms of animate: plants, animals and human-beings and up to the most

"expanded form of Individual Human Consciousness! Hence, for the first time, Science's New "G-d's Physics" 21st Century Paradigm "bridges the (apparent) gap" between its various sub-disciplines of Physics, Biology and Psychology etc., as comprising one fully integrated process allowing the UCP to express ever more "conscious" and "expansive" forms of manifestation!

f) The UCP's "Collective Human Consciousness Focus Hypothesis" & Jewish "Rosh-Hashana" (New Year) Non-Continuous Accelerated Expansion Rate Prediction

The next higher-up "rung" of the Hierarchical Laws of Manifestation is the "Collective Human Consciousness Focus" (hypothesis) which essentially points out that there exists a close connection between a state in which a multitude group of Individual Human Consciousness all focus collectively upon the singular higher-ordered UCP/UCR – in prayer to be "connected" or receive "plentitude" from this singular higher-ordered UCP/UCR, which brings about a "Blessing" or "Plentitude", "Life", "Growth", "Goodness" from this singular higher-ordered UCP/UCR! This "Collective Human Consciousness Focus Hypothesis" explains in what manner this singular higher ordered UCR bestow "Growth", "Expansion", "Life" or "Goodness" upon all of Humanity, and even towards the accelerated expansion of the physical universe! In other words, beyond the previous "Dynamic-Equilibrium Moral Principle's" account of the UCP/UCR's selection of one of multiple possible "future/s" UF's frame/s for each Individual Human Consciousness – in order to "balance" and "teach" each such Individual Human Consciousness to recognize it's inherent "oneness" and "unitary-harmony" with all other Individual Human Consciousness based on their common "inseparability" from this singular higher-ordered UCR and its intrinsic basic "Moral Principle"; Beyond that there arises the question – what may "drive" the UCR's singular higher-ordered Reality to evolve the entire universe and particularly our own Human World and lives and continuously bestow "Life", "Health", "Sustenance", "Goodness" to continue to sustain and evolve our physical existence and needs (material and spiritual etc.), as well as sustain and evolve the whole of Life, the various Suns, Galaxies and Universe at large?! Once again, we must remember that according to the New "G-d's Physics" Paradigm, we cannot (any longer) look towards any "material-causal" direct or indirect physical interactions between any two (or more) exhaustive spatial pixels, but rather must look at these higher-ordered "Hierarchical Laws of Manifestation" in order to be able to understand and "explain" the UCR's continuous computation- "dissolution" and evolution of every exhaustive spatial pixel comprising every consecutive UF's frame/s! Indeed, according to this "Collective Human Consciousness Focus Hypothesis" and associated Jewish "Rosh-Hashana" (New Year) "Non-Continuous Accelerated Expansion of the Universe" one of the "reason/s" for the singular higher-

ordered UCR's continuous computation- sustenance- and evolution- of the entire physical universe is anchored in- or related to- a State of "Collective Human Consciousness Focus" towards this singular higher-ordered UCR, in which many millions of Individual Human Consciousness direct their focus and Consciousness collectively towards this UCR and pray for the bestowal of "Goodness, "Life", "Happiness" etc.!

Indeed, according to one of the unique "Critical Predictions" differentiating the new "G-d's Physics" from the Old "Material-Causal" Paradigm is this particular prediction wherein there will be a "Non-Continuous Accelerated Expansion Rate" at the Jewish Rosh-Hashana (New Year) time-interval wherein the accelerated rate of the universe's expansion rate – observed in each Jewish Year prior to the "Rosh-Hashana" (New Year) will increase in a non-continuous rate ("leap") at the special "two-day" time interval of the New Rosh-Hashana time (and continue at this increased accelerated rate throughout the New Jewish Year) – due to the abovementioned "Collective Human Consciousness Focus Hypothesis", wherein Millions of Jews all over the world pray at this time to the singular higher-ordered UCR, "G-d" for providing them and the world with Life, Health, Growth etc.!

g) The UCP's "Reversed-Time Goal Hypothesis" ("Geula")

Indeed, the discovery of the UCP's "Non-continuous Accelerated Expansion of the Universe at the Jewish Rosh-Hashana" special "time-interval" and the UCP's basic "Good-Will" propensity to bestow "Life", "Health", "Happiness", "Fulfilment" is closely related to the UCP's basic "Goal" in creating- sustaining- and evolving the entire physical universe, the "Expansion of Consciousness" (e.g., including the development of inanimate, animate" plants, animals, human-beings) – all "designed" and "planed" to culminate in the leading up to another "higher" "Hierarchical Law of Manifestation" of the UCP which is called: the UCP's "Reversed-Time Goal (Geula) Hypothesis"! According to this "Reversed-Time Goal Hypothesis (Geula), the UCP's entire series of UF's frames – from the beginning of the manifestation of the inanimate physical universe through its various expressions of ever more expansive forms of animate: plants, animals and human-beings etc. – is all planned and designed initially to lead to the universe's "Perfected Geula" State: Physically, Morally and Spiritually! Indeed, as outlined previously, this Perfected State of "Geula" (e.g., a term signifying complete "Redemption" and "Perfection" in the Jewish Tradition) represents a state of the world in which there exists complete "harmony", "peace", and a basic recognition and gratitude of human-beings towards the basic underlying singular "All-Goodness" "UCR, i.e., "G-d" Reality which continuously sustains and evolves all of Life and the entire universe; Tis state is also typified by the lack of any "violence" or "aggression, the abolishment of "death" and complete peace, harmony and a deep sense of gratitude and appreciation, prayer and studying of this

singular higher-ordered Universal Consciousness Reality, "G-d"!

h) The UCP's "Good-Will" Hypothesis

The next "higher-up" "Hierarchical-Law of Manifestation" is the basic intrinsic propensity of this singular higher-ordered UCP/UCR of "Good-Will" (hypothesis) which characterizes the UCP's basic "drive" to bestow "Goodness", "Life", "Growth" towards all of Life! This basic "Good-Will" propensity of the singular higher-ordered UCR manifests in its basic sustenance and Life-Giving force to create Life, sustain all of Life, fulfill the basic needs and beyond that create ever more "expansive" opportunities for Life in general and human-beings (in particular) to grow and evolve, to fulfil their full potential and to expand their Moral and Spiritual awareness towards appreciating the Oneness and Singularity of this Universal Consciousness Reality.

i) The UCP's "Free-Will" Hypothesis

Above and beyond all of these UCP's various "Hierarchical Laws of Manifestation" the New "G-d's Physics" Paradigm of 21st Century Theoretical Physics and Science postulates that there exists the most basic "Free-Will" of the UCP – unbound by any "limits" of its creation of the physical universe and all of its various inanimate and animate forms, unaffected by any of the multifarious manifestations of the universe and which transcends even its own "ultimate Goal of Geula"! This entirely "Free-Will" origin of the UCP, nevertheless "cares" about the "Goodness" of Human-beings and all of Life; this is also where the Jewish concept of an unlimited "Compassion and Forgiveness" (e.g., Thirteen Propensities of Mercy) of this UCP manifests and where the basic Jewish concept of "Teshuva" – the ability to ask for "forgiveness" from this singular UCR, "G-d" and to make a "sincere conscious decision" to "not repeat any immoral actions" is made possible (which was also shown to be capable of "altering" and indeed "avoiding" any of the negative possible "multiple future/s" instigated by any Individual Human Consciousness selection of any "immoral action/s", G-d forbid)!

So, we reach the inevitable conclusion that the physical universe does not exist as an "independent" "material-causal" entity; it was not created by an initial "Big-Bang" nuclear event; nor is it governed by mere "material-causal" physical interactions between certain "massive objects" and their (assumed "causal") "curvature of "Space-Time"; nor is its accelerated rate of expansion "caused" by purely hypothetical "dark-matter" or "dark-energy" concepts; Nor its subatomic realm determined based on direct (or even indirect) physical interactions between any given subatomic "probe" and corresponding "target's probability wave function" entities – which is assumed to "cause" the "collapse" of these "target's probability wave function" into single ("complimentary" space-energy or time-mass) single value!? Nor can we explain the behavior of the "Four (basically assumed) Forces" (e.g., Strong, Weak, Electromagnetic and

Gravitational) based on any direct physical interaction/s between particular rudimentary subatomic particles (as the Standard Model assumes)!? Instead, the New "G-d's Physics" "A-Causal Computation" Paradigm discovered the existence of a singular higher-ordered "Universal Computational Principle" – later on revealed to constitute a "Universal Consciousness Reality" (UCR) which simultaneously computes all exhaustive spatial pixels in the universe for every consecutive UF's frame/s at the incredible rate of " c^2/h " = 1.36^{50} sec"! Moreover, the New "G-d's Physics" Paradigm's discovery of the existence of the singular higher-ordered UCR which exists continuously and constantly – both "during" its (simultaneous) computation of every consecutive UF's frame/s and also solely exists (without the presence of any physical universe) "in-between" any two such consecutive UF's frames has led to a profound fundamental Paradigmatic-Shift in our basic understanding of the nature, origin, dynamics and evolution of the entire physical cosmos! This is because the basic realization that the physical universe does not exist (any longer) as an "independent material" entity – but only as a "transient-phenomenal" manifestation of the singular continuous and "real" and "permanent" underlying "Universal Consciousness Reality" – which is governed based on its own intrinsic "Ten Laws of Hierarchical Manifestation" transforms the whole of Science and our basic understanding of the physical universe!

5. "G-d's Physics" New "Multi-Spatial-Temporal Reservoir" & "Dynamic-Equilibrium Moral Principle"!

Indeed, the major "Paradigmatic-Shift" of the New "G-d's Physics" Paradigm from the Old "Material-Causal" Paradigm of Relativity (RT) Theory and Quantum Mechanics (QM) The next major discovery made by the New "G-d's Physics" Paradigm is that the entire series of all "past", "present" and multiple possible "future/s" UF's frames comprising the whole history and evolution of the entire physical universe – and of every Individual Human Consciousness (human-being) within it is contained within this singular higher-ordered Universal Consciousness Reality's "Multi Spatial-Temporal Reservoir" (bank) of all past- present- and multiple possible future/s! This ensues from the realization that contrary to the Old "Material-Causal" Paradigm's assumption that the universe exists as a "solid-continuous" physical reality which is dictated merely by direct (or indirect) physical interactions between given relativistic or quantum physical interactions; according to the New "G-d's Physics" Paradigm the entire universe – and all of its constituting exhaustive spatial pixels only exist "transiently" and "phenomenally" as solely produced by- and merely as a manifestation- of this singular higher-ordered Universal Computational/Consciousness Reality! As shown in previous articles, this inevitably leads to the discovery and recognition of this singular higher-ordered Universal

Consciousness Reality's (or UCP's) "Ten Laws of Hierarchical Manifestation":

The key important point for our discussion of the New "G-d's Physics" Paradigm that arises from the delineation of the singular higher-ordered "Universal Consciousness Reality's" "Ten-Laws of Hierarchical Manifestation" is anchored in the recognition of the centrality of our own Human Consciousness' Moral Choice/s, which "triggers" this Universal Consciousness Reality's selection of one possible future – out of multiple possible future/s, based on its intrinsic (one of these Ten Hierarchical Laws of Manifestation), which allows for a "moral-balancing" the Universal Consciousness Reality's "Dynamic Equilibrium Moral Balance"! As stated above (and previously), the "Dynamic-Equilibrium Moral Principle" states that due to the Universal Consciousness Reality's intrinsic basic "Moral Integrity, Unity, Peace and Harmony" characteristics, in any event in which any specific "immoral-choice/s" carried out by one of its constituting "Individual Human Consciousness" – leads this Universal Consciousness Reality to select one of multiple possible future/s for that Individual Human Consciousness which inflicted "pain/suffering" upon another Individual Human Consciousness an equivalent "future" situation in which it will have to experience the same kind (and degree) of "pain/suffering" so that it will realize that it is not "separate" from the singular higher-ordered Universal Consciousness Reality – of which the other ("suffering") Individual Human Consciousness is also an "integral" part of! In other words, the whole purpose and aim of this singular higher-ordered Universal Consciousness Reality's "Dynamic-Equilibrium Principle" is to "teach" and "correct" any "immoral-tendency" or "immoral-action" taken by any if its myriad constituting "Individual Human Consciousness" integral elements – that in fact, we are not "separate" from this singular Universal Consciousness Reality! It is important to note (in this context) that this Universal Consciousness Reality's "Dynamic-Equilibrium Principle" also denotes that the UCR also remunerates each Individual Human Consciousness – for every "good-moral" choice that it makes towards another Individual Human Consciousness with an equivalent "selection" of one of multiple possible future/s as a "positive consequence" for its recognition- and action- towards a manifestation of the "Oneness", "Morality" and "Goodness" of this singular higher-ordered Universal Consciousness Reality! This (latter) "expansion" of the Universal Consciousness Reality's intrinsic "Dynamic-Equilibrium Moral Principle" – to include also its remuneration for all "positive-good" actions and choices by equivalent selection of equivalent "positive-good" selected "future/s" for each Individual Human Consciousness that chose to conduct such "positive-good" moral choices towards another Individual Human Consciousness (human-being) brings us ever close to the realization of the highest aspect of this New "G-d's Physics" discovery of the singular

Universal Consciousness Reality's "Reversed-Time 'Geula' Goal Hypothesis";

6. "G-d's Physics "Reversed-Time 'Geula' Goal Hypothesis" & Power of "Teshuva"!"

This is because according to the New "G-d's Physics" Paradigm, the entire "Plan" and "Ultimate Goal" of the "Universal Consciousness Reality's" (UCR) is computed – from the "Ultimate-Goal" of leading the entire physical universe towards a state of "Moral, Spiritual and Physical Perfection" called "Geula" in the Jewish Tradition "backwards" throughout the entire origination-sustenance- and evolution- of the entire physical universe towards that Perfected "Geula" state in which the Oneness, Unity and Moral-Spiritual Perfection of the singular Universal Consciousness Reality as the "sole Reality" underlying the entire physical universe and all of the multifarious inanimate, animate: plants, animals and human-beings – leading to this Perfected "Geula" State will manifest in Humanity and in the whole world (and universe)! Instead of the physical universe created by a "random" ("meaningless"?) nuclear "Big-Bang" event, and its ongoing evolution inevitably leading to a state of complete "dissolution" of the suns, galaxies, Life etc. based on the "Second Law of Thermodynamics" (e.g., which was shown to be negated by the New "G-d's Physics" Paradigm), the New "G-d's Physics" Paradigm postulates that the universe's continuous ongoing computation- dissolution- sustenance- and evolution- as well of its ever more expansive manifestations of "inanimate", "animate"- plants, animals, and human-beings forms, and leading up to the most "expansive" Ultimate Goal of the "Perfected Geula State" of the world was all planned by this Universal Consciousness Reality based on its "Ultimate Geula Goal"! Indeed, according to this New "G-d's Physics" Paradigm, the entire continuous creation of the universe and the whole evolution of the various ascending and more expansive forms of inanimate matter, through animate: plants, animals and humans is "propelled" by the Universal Consciousness Reality's Ultimate Goal of manifesting the most expansive form of this Universal Consciousness Reality of Individual Human Consciousness – which possesses both a "Free Moral-Choice", and a capacity to inquire, investigate and ultimately discovery and appreciate the singular higher-ordered "Universal Consciousness Reality"! We therefore reach the inevitable conclusion wherein the whole development of the entire physical universe is aimed- and geared-towards the Universal Consciousness Reality's manifestation of the most "expansive" and "Perfected-Geula" State of Humanity and Science – as Humanity's "objective vehicle" for the inquiry of Truth) wherein there is a recognition of the "Oneness", "Unity", "Peace" and "Harmony" characterizing the sole "computational-invariant" sole reality of the Universal Consciousness Reality (UCR) underlying every exhaustive spatial pixel comprising the entire physical universe! Indeed, once we realize that there cannot exist any "material-causal" physical relationship/s between any two (or more)

exhaustive spatial pixels comprising any single or multiple UF's frames; and that, in fact, the whole physical universe exists – not as a "solid-continuous objective reality", but rather only as a "transient-phenomenal" manifestation of the singular higher-ordered sole constant and continuous "Universal Consciousness Reality"; and therefore that the whole creation (computation), "dissolution", re-computation, and evolution of the whole physical universe (and of every exhaustive spatial pixel comprising it) – may only be explained based on the abovementioned "Ten Laws of Hierarchical Manifestation" characterizing the dynamics and operation of this singular higher-ordered "Universal Consciousness Reality; we therefore accept one of these 'Ten Laws of Hierarchical Manifestation', namely: the "Reversed-Time Goal Hypothesis" which states that the whole creation of the entire physical universe has been- and is being continuously computed- solely by this singular higher-ordered "Universal Consciousness Reality" from its inception of the physical universe, e.g., possibly with its production of the initial Universal Frames depicting the origination of an "inanimate material" universe through its progressive production (e.g., computation) of "animate": plants, animals and human-beings – leading up to the most "complex" and "expansive" form of Individual Human Consciousness, and particularly to the Ultimate "Perfected Geula State" of Humanity (and Science) in which the sole reality of this singular higher "Universal Consciousness Reality" will be recognized and its basic fundamental "All-Goodness", "Moral Dynamic-Equilibrium Moral Principle" and complete "Unity and Harmony" between all human-beings (animals and plants) will be recognized!

The essential point to be realized is that since the whole aim and Ultimate Goal of the sole reality of the "Universal Consciousness Reality" underlying-producing- manifesting- (and transcending) the entire physical universe is to manifest ever more "expansive" forms of Consciousness – leading from "inanimate" matter through "animate": plants, animals, human-beings up to the most "advanced" and "most expansive" manifestation of the sole and singular reality of the "Universal Consciousness Reality's Geula State", in which all of Humanity recognizes the "Oneness", "Unity" and "Moral Perfection" characterizations of this UCR; therefore it follows that all Individual Human Consciousness (e.g., individual human-beings) must also reach this "Perfected Geula State" – which includes the major component of "Moral-Perfection", i.e., not "harming" other human-beings and reaching an "expanded" state of Individual Human Consciousness in which every Individual Human Consciousness is in a state of complete recognition of its own- as well as appreciation of other Individual Human Consciousness (e.g., "other" human-beings)- "inseparability" and in fact "oneness" with the singular Universal Consciousness Reality! The manner in which such an "expanded" Individual Human Consciousness "Morally-Perfected"

state may be reached is through one of two avenues: a) based on the "moral-balancing" of the UCR's "Dynamic-Equilibrium Moral Principle", e.g., through the UCR's selection of one of multiple possible "future/s" for each Individual Human Consciousness which (G-d forbid) "inflicted-pain or suffering" upon another Individual Human Consciousness, which will allow that "inflicting pain/suffering" Individual Human Consciousness will have to experience the same degree of "pain/suffering" experienced by the other Individual Human Consciousness: this will eventually "instigate" a reflective mode or "Teshuva", i.e., remorse, asking for "forgiveness", "correcting the "immoral act" (as much as possible) and a "conscious decision" to NOT repeat any such (or different) "immoral act/s" that may indeed inflict "pain/ suffering" upon another Individual Human Consciousness; b) A Conscious "Teshuva" decision, i.e., akin to the abovementioned "Teshuva" instigated following experiencing the same degree of an equivalent "pain/suffering" – but without the necessity to experience such equivalent "pain/suffering", just based on a Conscious-reflective will to make "Teshuva" by the Individual Human Consciousness, which according to the New "G-d's Physics" Paradigm prevents and omits the need for the Dynamic-Equilibrium Moral Principle's "moral-balancing" of having to experience an equivalent "negative/immoral" situation (of pain/suffering etc.)!

In other words, the "Power of Teshuva" is such that it allows any Individual Human Consciousness to avoid the need for any "moral-balancing" based on the UCR's "Dynamic-Equilibrium Moral Principle" – simply by its conscious decision and "execution" of true-genuine "Teshuva" (as described above and previously) – which in fact impels the UCR to "omit" the otherwise "necessary" "negative-painful" (one of multiple possible future/s") experience – instead bestowing (or "selecting") for this "Teshuva-executed" Individual Human Consciousness an alternative "positive-future" reflecting its "Teshuva-cleansing" of its "past-immoral choice"! In other words, for the first time in Theoretical Physics Models (or previous Scientific Paradigm history), it is made possible for our Individual Human Consciousness "Teshuva" action (or moral choice) to affect both its "past-immoral choice", i.e., "purifying" and "altering" the "past-immoral choice" – and consequently also altering the UCR's selection of the "positive-future corrected" Universal Frame/s (UF's)! So, we see that according to this New "G-d's Physics" Paradigm the past may be "altered" – as well as the selection of the UCR of one "positive" possible future UF, all based on a "true-genuine Teshuva" made by any Individual Human Consciousness! This is reminiscent of the famous Jewish Sage, Philosopher and Doctor, the great Maimonides' declaration that by any good moral act an individual can "tilt the entire world – and himself (or herself)" into a positive state and future! The profound and amazing theoretical ramifications of this new discovery made by "G-d's Physics" is that every Individual Human Consciousness possesses an intrinsic profound power to

become "active-partners" of this singular "Infinite", "All-Goodness" "Universal Consciousness Reality" in uplifting the entire world (and universe) towards the Ultimate UCR's "Perfected-Geula" State in which all Individual Human Consciousness – as well as the entirety of Humanity (and Science) will recognize the sole and singular reality of this UCR, respect and abide by its intrinsic "All-Goodness", "Unity-Harmony-Peace" nature!

Towards that desired and inevitable UCR's Ultimate-Geula Perfected State, attached is the "Urgent Call for Experimental Physicists, Cosmologists, Astronomers and Subatomic Accelerator Physicists to Validate one of the Critical-Predictions of the New G-d's Physics 21st Century Paradigm": May Science rise up to fulfilling its sublime purpose to "discover Truth", to lead Humanity to its Ultimate Goal as participants with this singular Universal Consciousness Reality to lead the world and the entire universe towards its Perfected (Moral, Spiritual and even Physical) "Geula" State!

APPENDIX: An Urgent Call for Cosmologists, Astronomers & Experimental Physicists to Validate the New "G-d's Physics" 21st Century Paradigm's Unique "Critical Predictions"

Background: Based on the clear "Paradigmatic-Crisis" of the Old "Material-Causal" Paradigm underlying 20th century's Relativity Theory (RT) and Quantum Mechanics (QM) – indicated by the apparent "theoretical inconsistency" between these two "pillars" of the Old Paradigm, and its inability to account for up to 95% of all of the mass and energy in the universe, e.g., assumed to be comprised of "dark-matter" and "dark-energy" but which cannot be detected directly empirically (despite numerous attempts to do so!); and the emergence of the New "G-d's Physics" ("Computational Unified Field Theory", CUFT) Paradigm of 21st Century Theoretical Physics as a satisfactory New Paradigm shown capable of resolving this apparent "theoretical inconsistency" between RT & QM, unifying the four basic physical features of "space", "energy", "mass" and "time" 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 incredible rate of " c^2/h " = 1.36^{-50} sec' through a novel "Universal Computational Formula":

Universal Computational Formula (UCF)

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

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 "א through "מ" 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} sec'!

Science has reached a "pivotal-point" calling for the urgent and immediate empirical validation of the New "G-d's Physics" (CUFT) Paradigm based on one of two "Critical Predictions" that are unique to this New "G-d's Physics" Paradigm which clearly differentiate it from the corresponding predictions of either RT or QM:

"G-d's Physics" Critical Predictions

a) Non-Accelerated Expansion of the Universe at the Jewish "Rosh-Hashana" Time-Interval

According to the New "G-d's Physics" (CUFT) Paradigm, due a specific "Collective Human Consciousness Focus Hypothesis" theoretical postulate, at "special time-intervals" in which there is a "Collective Human Consciousness Focus" upon this singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) – such as at the Jewish "Rosh-Hashana" (two-day) time interval, there exists a "non-continuous" increase in the universe's accelerated rate of expansion! Therefore, the unique "Critical Prediction" of the New "G-d's Physics" (CUFT) Paradigm is that during the next Jewish "Rosh-Hashana" (New Year) two day time-interval taking place between September 7th & 8th 2021 there will be a significant increase in the universe's observed accelerated rate of expansion – relative to the accelerated rate of expansion of the universe which can be measured prior to September 7th & 8th, which will continue as the universe's New Increased Accelerated Expansion Rate also after September 7th & 8th, i.e., for all days of the next Jewish New Year commencing from Sep. 9th, 10th, etc.! To the extent that this unique Critical Prediction will be validated empirically then this could not be accounted for by the Old "Material-Causal" Paradigm, which predicts a constant accelerated rate of expansion of the physical universe – e.g., unaltered by any "special-time" intervals such as the Jewish "Rosh-Hashana" New Year two-days' time-interval; which would therefore validate the New "G-d's Physics" (CUFT) Paradigm as the New Paradigm for Theoretical Physics for the 21st century!

b) Greater Number of "Fine-Temporal Measurements" (FTM) of Relatively More-Massive Particles (Muon) Than Less-Massive Particles (Electron)

A second unique prediction of the New "G-d's Physics" (CUFT) Paradigm regards the greater number of "Fine-

Temporal Measurements" (FTM's) for relatively "more-massive" particles such as the "Muon", than for relatively "less-massive" particles such as the (equivalently negatively charged) "electron" – due to "G-d's Physics" new computational definition of "mass" (e.g., as well as of the other three basic physical features of "time", "space" and "energy") stemming from the singular higher-ordered "Universal Computational Principle's" (UCP) computation of the number of "Object-Consistent" presentations of any given particle (or any other object) across a given series of "Universal-Frames" (UF's)! According to this new UCP's computational definition of "mass", it is expected that relatively "more-massive" particles such as the "Muon" (which is approximately 100 times more massive than the "electron" particle) would be detected at a much greater number of UF's frames than would the electron particle! This means that according to the New "G-d's Physics" Paradigm, in a Subatomic Accelerator's FTM's measurements of a minimal time-interval comparing between the number of times that the "Muon" particle would be detected to the number of times that an "electron" particle would be detected (e.g., after controlling for any quantum "measurements biases" controlling for the measurements of particles with differential mass values)! Once again, to the extent that this unique "Critical Prediction" of the New "G-d's Physics" Paradigm would be validated empirically, then this could not be accounted for by either the corresponding predictions of RT or QM – leading to the unequivocal acceptance of the New "G-d's Physics" Paradigm as the New Paradigm of Physics for the Twenty-first century!

Due to the "Paradigmatic-Crisis" of 21st century Theoretical Physics and to the emergence of the New "G-d's Physics" (CUFT) Paradigm as a satisfactory New Paradigm for 21st century Physics, an urgent and immediate call is made for all Experimental Physicists, Cosmologists and Astronomers to test these two "Critical Predictions" – equivalent to Eddington's famous empirical validation of Einstein's Relativity Theory "Critical Prediction" (regarding Mercury's Perihelion's double-valued prediction relative to Newton's prediction), which is therefore of paramount scientific (historical) importance!

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