



G-D'S PHYSICS: ITS "TIME" FOR "GEULA"!

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ABSTRACT

The "Paradigmatic-Shift" currently taking place in 21st century Theoretical Physics from the Old "Material-Causal" Paradigm underlying Relativity Theory (RT) and Quantum Mechanics (QM) to the New "G-d's Physics" (Computational Unified Field Theory) brings about profound changes in Physics basic conception and understanding of the origin- nature and dynamics- of the entire physical universe! This is based on "G-d's Physics" New Paradigm's discovery of a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes every exhaustive spatial pixel in the universe at the incredible rate of " $c^2/h = 1.36^{50}$ (sec)" which produces a series of "Universal Frames" (UF's) comprising the entire physical universe at every minimal time-point. The discovery of New "G-d's Physics" New Paradigm brings about a revision and challenging of some of the basic assumptions underlying 20th Century Physics and Science (more generally), including: The "Big-Bang" Model, Einstein's Equations, QM's assumed "collapse" of the subatomic target's "probability wave-function" as "caused" by its direct physical interaction with a corresponding "probe" element etc. Significantly, it also resolves the apparent "theoretical-inconsistency" between RT & QM and unifies between the Four basic Forces as well as between the four basic physical features of "space" and "energy", "mass" and "time" based on its discovery of a new "Universal Computational Formula"! Surprisingly, the New "G-d's Physics" A-Causal Computation Paradigm indicates that the evolution- sustenance and evolution of the entire physical universe as well as of all Biological forms is driven solely by this singular higher-ordered Universal Consciousness Principle's (UCP) "Ultimate-Goal" of a "Perfected": Physical, Moral and Spiritual State of Humanity, called: "Geula" in Jewish Tradition – in which the singularity of this UCP will be recognized as the basis for the physical universe's existence and its intrinsic characteristics of Unity, "Dynamic-Equilibrium Moral Principle", "All-Goodness", Peace and Harmony will be realized by Humanity (and Science)!

1. Science's Sole "Mandate": Discovery of Truth!

The development of Science represents a relatively "new" phenomenon along Humanity's pursuit- or inquiry- to discover "Truth", e.g., dated perhaps to Descartes famous "Philosophical Inquiries", roughly 250 years ago! Interestingly, Descartes, considered by many is the "Father" of the "Scientific Method" – was primarily preoccupied with discovering "Truth" through philosophical-introspective inquiries. Indeed, Humanity's quest to find "Truth" begun through Religious and Philosophical Schools of Thought – only relatively recently leading to the rapid evolution of Science as an effective "objective" means to unravelling deeper facets of the "physical reality"... It is likely that the great advantage and strength of Science – over "Philosophy", e.g., as far as the "objective" inquiry into the nature of the "physical reality" – stems from its insistence upon quantifiable empirical data, which can be verified (and replicated) "objectively", i.e., by different observers (regardless of their language, origin, or "personal beliefs"); And that this "objective-empirical" data is

accompanied and based upon "logical-inferences" aimed at deriving the most logical and feasible theoretical Model or explanation for any given set of empirically observed phenomena (or data); This "objectivity" and "rational-basis" of all Scientific investigation represents Science's greatest "strength" – e.g., as far as unravelling the underlying "Truth" or "reality" underlying our "physical universe"... It circumvents any personal or even "collective" – "biases" (or "preconceived ideas") by placing a very simple two-fold criteria for the judgement of any given Scientific Model or Paradigm (e.g., guiding Science at a particular point in time):

- Can a given "Standard Scientific Paradigm" explain a given set of known empirical phenomena (in a satisfactory "logical" manner)?
- This "Standard Scientific Paradigm" (e.g., accepted within a given Scientific discipline at a certain point in time) "consistent" logically (e.g., does not possess any "intrinsic logical or theoretical inconsistencies")? Indeed, the great Philosopher of Science, Thomas Kuhn (1962) postulated that

whenever any given Scientific discipline reaches a point (in time) in which the answer to these two critical criteria for a satisfactory "Standard Scientific Paradigm" are *negative* – then this calls for a "Paradigmatic-Shift" towards a "New Scientific Paradigm" which can satisfy a third criteria (in addition to satisfying the first above mentioned two criteria for any satisfactory Scientific Paradigm):

- The "New Scientific Paradigm" has to be able to explain all of the known empirical phenomena in the field, explain any existing "theoretical inconsistencies" (in the "Old Standard Paradigm") (e.g., criteria a & b); and in addition, this "New Paradigm" needs to predict certain new unique "Critical Prediction/s" that cannot be accounted for by the "Old Paradigm"!

A very good example for Kuhn's rigorous analysis of the "Structure of Scientific Revolutions" (1962) was Einstein's revolutionizing of 19th Century "Newtonian Classical Mechanics" (and Maxwellian Theory): His "New Relativity Theory Paradigm" was able to resolve any apparent "theoretical inconsistencies" that seemed to exist between "Newtonian Classical Mechanics" and "Maxwellian Electromagnetic Theory", it replicated all known empirical phenomena – and it also identified a unique "Critical-Prediction" that differentiated it from the corresponding prediction of Newton's Classical Mechanics, e.g., regarding the much higher value of Mercury's Perihelion's curvature around the Sun (due to its curvature of "Space-Time")! Indeed, immediately upon Eddington's (well-known) empirical verification of Einstein's New "Relativity Theory" Paradigm's "Critical-Prediction", Einstein's "New Relativity Paradigm" was accepted as the New appropriate Paradigm for 20th Century Theoretical Physics (later on joined by the discovery of subatomic Quantum Mechanics).

We now stand at an equivalent "historic-juncture" along the upward evolution of Science – i.e., at a clear point in which the two primary "pillars" of 20th Century Physics' Old "Material-Causal" Paradigm, (i.e., Relativity Theory and Quantum Mechanics) seem to "contradict" each other, and in which this Old "Material-Causal" Paradigm cannot explain where up to 95% of all the "matter" and "energy" in the universe exist! (Termed: "dark-matter" and "dark-energy" and assumed to account for the accelerated expansion of the universe – but which cannot be directly detected or measured experimentally, despite numerous attempts to do so...) True, Thomas Kuhn identified the natural "human-resistance" to "change"- or "alter"- the "Old Paradigm" in favor of a New (unknown) Paradigm, which characterizes these "trying times" of a new "Paradigmatic-Shift"... But, nevertheless, since Science's sole "mandate" and "advantage" over mere "philosophical inquiries" is its strict insistence upon satisfying the two-fold (abovementioned) basic criteria for the acceptance of any Scientific Paradigm, the current "Paradigmatic-Crisis" of 20th century Theoretical Physics cannot continue to exist as the state of affairs of 21st

Century Physics – calling for an urgent and immediate "Paradigmatic-Shift" towards the New "Computational Unified Field Theory" (CUFT, lately termed as: "G-d's Physics") as the New satisfactory Paradigm for 21st Century Physics – e.g., provided that its unique "Critical Prediction/s" are validated empirically! Needless to say, that if a "negative" situation arises in which, Science "refuses" or "obstructs" the discovery, empirical validation and ultimate "acceptance" of such a "New Paradigm" (such as the New "G-d's Physics" tentative Paradigm for 21st Century Theoretical Physics) – e.g., due to its own "biases", "political-reasons" or any other reason/s; then the sole "mandate" given to Science (by Humanity) to investigate- and advance- (ever closer) to discovering "Truth", shall be removed from Science to any other "vehicle/s of Knowledge" – such as "Religion" and "Philosophy", so that Humanity may reach its "ultimate Goal" of "knowing Truth"!

2. The New "G-d's Physics" (CUFT) Paradigm of 21st Century Physics!

Perhaps, the best "starting-point" to briefly describe "G-d's Physics" New 21st Century Paradigm is to outline the basic "Material-Causal" assumption underlying the Old "Material-Causal" Paradigm of 20th Century's Relativity Theory (RT) and Quantum Mechanics" (QM): Succinctly stated, this basic "Material-Causal" assumption states that the nature, dynamics (or even origin) of any "macroscopic-relativistic" or "microscopic-quantum" phenomenon – strictly based on studying its constituting element's direct (or indirect) physical interactions: Thus, for instance, General Relativity Theory posits that it is the presence of certain "massive-objects" that "causes" the "curvature" of "Space-Time", and that this "curved Space-Time" also determines (or "causes") the "travelling-pathways" of these "massive" (and other "less-massive") objects, thereby de facto determining the continuous accelerated expansion of the physical universe, e.g., as portrayed by Einstein's famous Equations; Similarly, Quantum Mechanics posits that it is the direct physical interaction/s between a given subatomic "probe" element and a corresponding subatomic "target's probability wave-function" that "causes" the "collapse" of this "probability wave-function" into a singular "complimentary" ("energy-space", or "time-mass") value/s! But, once again, since it was shown (previously) that this Old "Material-Causal" 20th Century Paradigm of RT & QM has reached a state of a "Paradigmatic-Crisis" which calls for an immediate "Paradigmatic-Shift", therefore, the discovery of the New "G-d's Physics" Paradigm negated this basic "Material-Causal" Assumption, i.e., based on its discovery 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" (e.g., at the incredible rate of " $c^2/h = 1.36^{-50}$ sec")!

This is because a key assumption of the New "G-d's Physics" (CUFT) Paradigm is that since this singular

(higher-ordered) UCP simultaneously computes all exhaustive spatial pixels comprising the entire physical universe (for each consecutive UF's frame/s), therefore there cannot (in principle) exist any direct (or even indirect) "material-causal" physical relationship/s between any two (or more) exhaustive spatial pixels existing either in the same- or other- UF's frame/s (comprising the entire physical universe at any minimal time-point)! Moreover, since according to this New "G-d's Physics" Paradigm, the entire physical universe "dissolves" "in-between" any two consecutive UF's frames back into the singularity of the UCP, therefore there cannot be any "transference" of any physical "effect" or "interaction" across any two consecutive UF's frames – therefore (once again) there cannot exist any direct or indirect physical interaction between any two (or more) exhaustive spatial pixels existing across different UF's frames! Indeed, this New "G-d's Physics" Paradigm has also been termed: an "A-Causal Computation" Paradigm, since it negates the very possibility of the existence of any physical interaction/s – either at the relativistic or quantum levels. Instead, the New "G-d's Physics" Paradigm postulates that this singular (higher-ordered) UCP possesses three "Computational-Dimensions", e.g., "Framework" ('frame' vs. 'object'), "Consistency" ('consistent' vs. 'inconsistent') and "Locus" ('global' vs. 'local') – two, out of which (Framework and Consistency) produce the four basic physical features of 'space' and 'energy', 'mass' and 'time'; Essentially it is postulated that the UCP's simultaneous computation of each exhaustive spatial pixel in the universe – for "object" – 'consistent' vs. 'inconsistent' computational measures yields their individual "mass" and "time" values; whereas the UCP simultaneous computation of each exhaustive spatial pixel's "frame" – 'consistent' vs. 'inconsistent' computational measures produces their "space" and "energy" physical features (correspondingly).. In fact, for the first time in Physics history's theoretical conception of the physical reality, the New "G-d's Physics" Paradigm completely unified between these four basic physical features of "space" and "energy", "mass" and "time" as "integral-complimentary" secondary computational features of the UCP's singular simultaneous computation of each of the universe's comprising exhaustive spatial pixels – i.e., based on its discovery of a singular "Universal Computational Formula" (UCF) which describes the UCP's extremely rapid computation of each consecutive UF's frame/s exhaustive spatial pixels!

Universal Computational Formula (UCF)

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

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'!

Interestingly, this new UCF – not only completely unifies between these four basic physical features (of "space", "energy", "mass" and "time"), but also resolves the apparent fundamental "theoretical inconsistency" that seem to exist between RT & QM, by integrating their key properties as secondary integral components of this singular (higher-ordered) UCF! Thus, for instance, RT's "Energy-Mass Equivalence" (" $E = Mc^2$ ") is embedded within the UCF's "Relativistic Format", e.g., as a "special limiting case" (which necessitates further empirical and theoretical investigation):

Likewise, the key Quantum Heisenberg's "Uncertainty Principle's" "complimentary-pairs" simultaneous measurement constraint (e.g., of "space" and "energy", or "time" and "mass" simultaneous subatomic measurement constraint set by Planck's constant) – have been (surprisingly) found to constitute "special-cases" embedded within the UCF's "Quantum Format":

Therefore, the new singular higher-ordered theoretical framework of the UCP's Universal Computational Formula completely integrates the four basic physical features of "space" and "energy", "mass" and "time", as well as the fundamental components of both RT & QM as integral elements of this singular UCP's extremely rapid, simultaneous computation of all exhaustive spatial pixels in the universe, e.g., for each consecutive UF's frame!.

But, as significant as this new realization of the New 21st Century "G-d's Physics" Paradigm may be – e.g., fully integrating those four basic physical features of "space" and "energy", "mass" and "time" (for the first time in Physics' history!) and satisfactorily rectifying the two primary "pillars" of the Old "Material-Causal" (20th Century Physics), namely: RT & QM; Perhaps even more profound are some of the additional "Theoretical Postulates" of this New "G-d's Physics" Paradigm including: its "Computational Invariance Principle" and "Universal Consciousness Reality" postulates: In a nutshell, these profound additional theoretical postulates assert that since only the singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) may be considered as "computationally-invariant", e.g., remains constant and continuous both "during" its sole computation of each exhaustive spatial

pixel's four basic above mentioned physical features, as well as solely exists "in-between" any two consecutive UF's frames (e.g., without the presence of any physical universe – which "dissolves" back into the singularity of the UCP); whereas the entire physical universe (and every exhaustive spatial pixel comprising it) may only be deemed as "computationally-variant", e.g., existing only "during" each consecutive UF's frame/s (as solely computed by the UCP) but "dissolving" back into the singularity of the UCP "in-between" any two consecutive UF's frames; therefore, the "Computational-Invariance Principle" postulates that only this singular ('computationally-invariant') UCP may be regarded as "real" – i.e., continuously existing as the basis for all exhaustive spatial pixels of the universe while transcending it altogether when existing solely "in-between" any two consecutive UF's frames, whereas the four basic physical features of "space" and "energy", "mass" and "time" (as well as the whole physical universe they comprise at each of its exhaustive spatial pixels) may only be regarded as a "transient", "phenomenal" manifestation of this singular "Universal Consciousness Reality"! Indeed, closely related to this "Computational Invariance Principle" postulate is the "Universal Consciousness Reality" theoretical postulate which points out that since only this singular UCP exists "uninterruptedly" and "continuously" – both "during" its computation of each exhaustive spatial pixel in the universe for each consecutive UF's frame/s, and also "in-between" any two consecutive UF's frames in which it solely exists (without the presence of any accompanying physical universe), therefore there only truly exists this one singular "Universal Consciousness Reality" (UCP) – which manifests as the physical universe "during" each consecutive UF's frame/s and remains without the presence of the physical universe "in-between" any two consecutive UF's frames!.

Indeed, these profound "Computational-Invariance" and "Universal Consciousness Reality" theoretical postulates have also led to the discovery of a series of additional postulates that completely alter Science's basic understanding of the "physical reality" – and what transcends and embeds this (merely) "physical" reality within it which is a detailed characterization of this singular higher-ordered "Universal Consciousness Reality" (UCR): Thus, for instance, the UCR's intrinsic "characterization" revealed that it contains a higher-ordered "Supra Spatial-Temporal Reservoir" containing all "past", "present" and multiple possible "future/s" UF's frames – which are based on the "Moral-Choice/s" that each Individual Human Consciousness (e.g., person) makes at any point in time... This is due to this UCR's intrinsic "propensity" to strive towards "balancing" any "Immoral-Imbalances" (or "injustices") due to its "unitary" nature- and composition- of all such "Individual Human Consciousness" as "integral-parts" of its singular existence! Indeed, the "Trampoline-Metaphor" has been utilized which demonstrates and explicates this "singular-unitary" nature- and tendency-

of this singular higher-ordered "Universal Consciousness Reality" (UCR) to "balance" any "Moral-Imbalance" "disturbing" the "unitary-nature" of this singular UCR, e.g., by creating a series of UF's in which the "inflicting-pain/suffering" Individual Consciousness (which is likened to a given point along the Trampoline sheath which pushes an "Iron-Bar" against another given point representing another "suffering" Individual Consciousness – then this will inevitably "cause" a "reaction" in which this "Iron-Bar" would have to retract and "inflict-pain/suffering" upon that Individual Consciousness which initially inflicted pain/suffering upon the other Individual Consciousness, thereby "correcting" this "Immoral-Imbalance")... Hence, according to this New "G-d's Physics" Paradigm, the whole progression and evolution of the UCR's singular production of the entire physical universe – is driven by the UCR's "intrinsic-properties" which includes this basic "Dynamic-Equilibrium" Moral Principle, as well as a few other basic propensities – previously delineated termed: the UCR's Ten Laws of Hierarchical Manifestation"; These include such basic intrinsic properties as its inherent "Good-Will", "Free-Will" and ultimate driving force towards a "Perfected State" (Morally, Physically and Spiritually) of the world and universe in which all Human Beings would recognize their inseparability from this singular higher-ordered (all embracing) UCR and function accordingly (as will be further elaborated upon in the last segment of this article).

3. Theoretical Ramifications of the New "G-d's Physics" 21st Century Paradigm

Indeed, the discovery of this New "G-d's Physics" Paradigm for 21st Century Theoretical Physics brings about a profound change in our basic understanding of the origin- nature- evolution- and ultimate "Goal" of the UCR's singular higher-ordered reality: No longer is the universe assumed to originate in an initial "random" nuclear event, since there cannot have occurred such a nuclear explosion that would entail a direct physical interaction between two or more exhaustive spatial pixels in an assumed "first" 'Universal Frame' – which "caused" the creation of certain powerful physical effects (between multitude exhaustive spatial pixels) across the "Second", "third", fourth" etc. UF's frames (such as the creation of suns, galaxies, space, energy, etc. This is because as mentioned above (and previously), according to the New "G-d's Physics" Paradigm, there cannot exist any such 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 frames, e.g., due to the "simultaneity" of the singular higher-ordered UCR's computation of all exhaustive spatial pixels in any given UF's frame/s, and the complete "dissolution" of the entire physical universe "in-between" any two such consecutive UF's frames! Therefore, there cannot exist any "transference" of any physical effect or direct physical interaction/s also across any series of UF's frames, thereby negating the basic

"Big-Bang" Model! Similarly, this New "G-d's Physics" Paradigm also negates (in principle) "Einstein's Equations" fundamental "Material-Causal" assumption, wherein it is assumed that it is the presence of certain "massive objects" that "cause" the curvature of "Space-Time", and that it is this "curved Space-Time" that determines (or "causes") the "travelling pathways" of these "massive objects" (and other "non-massive" objects)! This is, once again, due to "G-d's Physics" negation of the very possibility of the existence of any direct or even indirect "material-causal" physical interactions between any two (or more) exhaustive spatial pixels in the universe (existing wither in the same- or different- UF's frame/s due to the simultaneous UCR's computation of all exhaustive spatial pixels in the universe for every consecutive UF's frame/s (and the complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's frames). Because the UCR simultaneously computes all such exhaustive spatial pixels comprising the entire physical universe (for each consecutive UF's frame/s), therefore there cannot exist Einstein's Equations' assumed "material-causal" (direct or indirect) physical interactions between certain "massive objects" "causing" the "curvature" of Space-Time, nor the possibility of such "curved Space-Time" determining the "travelling-pathways" of any given "massive/non-massive" objects in the universe!.

Instead, the New "G-d's Physics" Paradigm postulates that the evolution of the universe is solely governed by the UCR's singular (above mentioned) "Ten Laws of Hierarchical Manifestation" – which are not "constrained" or "directed" by any such "material-causal" physical interactions (laws, or effects)! Another "Cinematic-Film Metaphor" has been illustrated which demonstrates the possibility of a scenario in which apparently "cause and effect" "material-causal" interaction/s depicted within a given Cinematic Film progression are seen to arise from the ("higher-ordered") perspective of the "Film's Director"! In order to best explain this "G-d's Physics" New Paradigm's "Cinematic-Film" Metaphor explication of apparently "material-causal" effects or interactions, lets first review the basic depiction of this Cinematic-Film Metaphor's explanation of the manner in which the singular higher-ordered UCR computes the (above mentioned) four basic physical features of "space" and "energy", "mass" and "time": Imagine an extremely fat "jet-plane" "zooming" through the screen in a particular Film; if we were to ask the simple question: "does this jet-plane" possess any intrinsic "energy" or "velocity"? despite the appearance of such "high-velocity" depicted by this "supersonic jet's" depiction across a given series of Cinematic-Film Frames – upon further examination of this jet's positioning across a series of Cinematic Film Frames, it will be discovered that there truly does not exist any "velocity" or "energy" value to this (supersonic) "jet-plane"! This is because the appearance of such "energy" or "velocity" associated with this jet-plane simply arises from the computation of the degree of its displacement

across a series of "film-frames"... Likewise, the apparent "space" value (e.g., "spatial-dimensions") of any given object in the film can be computed as the number of "consistent" spatial pixels comprising that object across a given series of film-frames; Similarly, Similarly, the "mass" value of any given "object" (appearing in the film) may be computed as the number of times that any such given object is being presented "consistently" (e.g., in terms of its "internal composition") across a series of film-frames (for instance, in such a manner that it's perceived "density" or "hue" is computed as a function of the number of consecutive frames in which that object appears "consistently"! Finally, we can compute any given object's "temporal" value as a computation of the number of "changes" (e.g., inconsistent presentations) of that object's "internal-composition" across a given series of film-frames (e.g., "spatial-dimensions")... Note that this "Cinematic-Film Metaphor" coincides (almost perfectly) with the above (and previously) mentioned "dynamics" of the UCR's (or UCP's) computation of the four basic physical features of "space" and "energy", "mass" and "time" as being computed based on two of the UCP's "Computational Dimensions" of "Framework" (frame/object) and "Consistency" (consistent /inconsistent) which produces these four basic apparently "physical" features!.

Indeed, the manner in which this New "G-d's Physics" (CUFT) Paradigm is capable of offering an alternative new theoretical explanation for Relativity's (and QM's) apparently "material-causal" physical relationships – was also demonstrated utilizing another aspect of this "Cinematic-Film Metaphor": imagine a film depicting a given "Mercury-Ball" hitting a "Glass-Jar" filled with water – "causing" those water to be "spilled" on the floor... Apparently, it seems as if it is the "impact" of the "Mercury-Ball" upon the "Glass-Jar" which "causes" its waters to be spilled across the floor; But, upon further reflection, we find out that at none of this "film's scenario's" comprising film-frames can there exist any direct or indirect "physical interaction" between the "Mercury-Ball" and the "Glass-Jar" ("filled with water")! This is simply because at each of these ensuing (individual) film-frames, both the "Mercury-Ball" and the "Glass-Jar" are being presented "simultaneously" as comprising integral parts of the same frame! This means that at none of these "film-frames" can there exist any direct (or even indirect) physical interaction/s between these "Mercury-Ball" and "Glass-Jar" elements! All that really exist is their depiction at ever closer "spatial-proximity" until their "conjoining", e.g., being presented adjacent to each other, then followed by film frame/s depicting the "spillage" of the water on the floor... This gives us (the viewers of the film) the "impression" as if it was the "impact" of the "Mercury-Ball" upon the "Glass-Jar" which "caused" the "spillage" of the water on the floor... So, through this secondary aspect of the "Cinematic-Film Metaphor" we can understand that despite the appearance of an apparent "cause" and "effect" physical interaction/s between two given objects

being depicted across a series of 'film-frames', truly this arises only from the "Film's-Director's" arrangement of the series of film-frames depicting ever closer proximity between these two given ("Mercury-Ball" and "Glass-Jar") in ever closer "spatial-proximity" "leading up" to the presentation of a "broken Jar" and "spilled-water"... Hence, this "Cinematic-Film Metaphor" was utilized in order to illustrate that what is regarded by Relativity's "Einstein's Equations" to represent a basic "Material-Causal" physical relationship/s between certain "massive-object/s" and their "curvature" of "Space-Time" (and conversely, assuming that it is this "curved Space-Time" which "causes" or "determines" these "massive" and other "less-massive" objects' "travelling-pathways"; may in fact, be the result of the singular higher-ordered UCR's (or UCP's) "simultaneous" computation of a series of Universal Frames" (UF's) depicting certain apparent physical relationships between the presentation of "massive" and "less-massive" objects – which arises from the UCR's (UCP's) complete integration of the four basic physical features of "space" and "energy", "mass" and "time" as secondary computational properties of the UCP's simultaneous computation of each exhaustive spatial pixel in the universe across a series of consecutive UF's frames (as indicated above and previously)!.

In much the same manner, this New 21st Century "G-d's Physics" Paradigm also was shown to challenge- negate- embed- and transcend- Quantum Mechanics (QM's) fundamental "Material-Causal" assumption wherein it is assumed that it is the direct physical interaction between the subatomic "probe" and corresponding "target's probability wave function" that "causes" the "collapse" of the target's "probability wave function" into a single "complimentary" ("space/energy" or "mass/time") value... Once again, due to the New "G-d's Physics" Paradigm's insistence upon the "simultaneity" of the UCP's (UCR's) computation of all exhaustive spatial pixels in the universe (for each consecutive UF's frame/s), therefore it negates the very possibility of the existence of any such direct physical interaction between the subatomic "probe" and "target's (assumed) probability wave function" – nor the possibility of its "collapse" into a single (complimentary) "space/energy" or "mass/time" value (as "caused" by such "impossible" direct physical interaction)! Instead, the New "G-d's Physics" Paradigm posits that this singular higher-ordered UCP/UCR simultaneously computes all "single spatial-temporal" ("particle"), "multiple spatial-temporal" ("wave") and "exhaustive" (e.g., all exhaustive spatial pixels comprising the entire Universal Frame for any consecutive frame)! This higher-ordered "exhaustive" theoretical framework of the New "G-d's Physics Paradigm" was indeed shown to completely integrate QM and RT as integral elements found within the UCP's singular "Universal Computational Formula" (UCF) and also resolve their apparent "theoretical inconsistency".

What's important to note is that this New "G-d's Physics" Paradigm completely alters and transcends the Old "Material-Causal" Paradigms basic assumption wherein the explanation of any "macroscopic" (relativistic) or "microscopic" (quantum) phenomenon, law or relationship can be simply explained based on such a phenomenon's "fragmentation" into smaller constituting elements or direct physical interactions which supposedly "explain" that phenomenon; i.e., such as in the case of the abovementioned "Einstein's Equations" assumed explanation of the dynamics of the universe's evolution based on the direct physical interaction/s between certain given "massive-objects" and their "curvature" of "Space-Time", or QM's assumed explanation of any subatomic target's measured (complimentary) "space-energy" or "mass-time" ("collapsed") value as a result of its direct physical interaction/s with the corresponding subatomic "probe" element. But, as we've already seen, based on the New "G-d's Physics" Paradigm's insistence that any such direct (or even indirect) physical interactions are made "impossible" due to the "simultaneity" of the UCP's/UCR's computation of each exhaustive spatial pixel/s in the universe (for each consecutive UF's frame/s, and the complete "dissolution" of all such exhaustive spatial pixels back into the singularity of the UCR), therefore the New "G-d's Physics" Paradigm points at the singularity of this UCR – and its intrinsic "propensities" represented by its "Ten Laws of Hierarchical Manifestation" which govern and determine the entire physical origination- sustenance- and evolution! Thus, for instance, it was shown that instead of the "randomly" assumed "Big-Bang" nuclear event which is assumed to have created all of the suns, galaxies, planets, space, energy etc. the entire physical universe is being continuously created- "dissolved" re-created- and evolved- (at an unfathomable rate of " c^2/h " = $1.36 \cdot 10^{50}$ sec') based on its intrinsic tendency towards manifesting an ever more "conscious" forms of Physical and Biological composition" i.e., from inanimate to animate: plants, animals and ultimately Human-Beings as part of the UCR's ultimate "Goal" of a "Perfectured" Physical, Moral and Spiritual World and Universe – i.e., "termed : "Geula" in the Jewish Tradition" (thereby also negating replacing Darwin's "Natural Selection Principle" with "G-d's Physics" purposefully directed manifestation of ever more conscious Physical and Biological forms leading up to Human-Being's Individual Human Consciousness and ultimately to its manifestation of the Perfectured "Geula" State, as will also be delineated further below).

4. Is Science Still Fulfilling its "Mandate" for Discovering "Truth"?!

As discussed above (and previously), the sole "mandate" given to Science (by Humanity) is to discover "Truth" – i.e., initially conceived as pertaining to the discovery of the "physical reality" and "physical universe"! The basic (powerful) "Scientific Method" – which seemed to "favor" the "Scientific Investigation" over (for instance)

"Philosophical Inquiry" stems from the "Scientific Methodology" of basing its investigation upon the collection of "objective", "replicable" "empirical data" – accompanied by rigorous "logical reasoning", "modeling" and establishing of acceptable "Scientific Paradigm/s" which conforms to Kuhn's (abovementioned finely described) "criteria" for a valid Scientific Paradigm! This means that whenever Science reaches an apparent "dead-end" in terms of its acceptable "Standard Scientific Paradigm" – due to the appearance of basic "theoretical-inconsistencies" found between its basic "pillars" (e.g., such as between 20th Century's RT & QM!) and its principle inability to explain a series of given empirical phenomena (i.e., such as the currently assumed "dark-matter" and "dark-energy" purely hypothetical concepts which are postulated to account for up to 95% of all the "mass" and "energy" in the universe – but yet cannot be directly measured or verified despite numerous attempts to do so!); this points at a "Paradigmatic-Crisis" calling for an immediate "Paradigmatic-Shift" from the "Old Standard Paradigm" toward a "New Paradigm" that can resolve those apparent "theoretical inconsistencies" (between the "pillars" of the Old Paradigm), replicate all known physical phenomena, laws etc., and also predict new "Critical Prediction/s" which differentiate it from the predictions of "Old Standard Paradigm" – which need to be validated empirically!

Well, it is clear that the New "G-d's Physics" Paradigm of 21st Century Theoretical Physics satisfies all of these "stringent" criteria (based on Kuhn's well-established and acceptable analysis of the "Structure of Scientific Revolutions", 1962) – having been shown capable of resolving the apparent "theoretical inconsistencies" between RT & QM, replicating all of their major phenomena and laws, embedding- and transcending- key Relativistic and Quantum laws and relationships within its singular higher ordered "Universal Computational Formula" etc. The only "final" element necessary to justify the acceptance of this New 21st Century "G-ds Physics" Paradigm – is the empirical validation of one of its multiple "Critical Predictions" (which differentiate it from the corresponding predictions of either RT or QM!).

a) The "Non-Continuous Accelerated Expansion Rate" of the Universe at the Jewish "Rosh-Hashana" (New Year) Time Interval!

As outlined and delineated (extensively) previously, one of the unique "Critical-Predictions" of the New "G-d's Physics" Paradigm is its prediction that due to its postulated "Collective Human Consciousness Focus Hypothesis" (CHCFH) which hypothesizes that at any time-interval in which there exists an intense "Collective Human Consciousness Focus" upon the singularity of the higher-ordered Universal Consciousness Reality (UCR or UCP), e.g., through prayers etc., then this can produce an effect manifesting as a significant increase in the UCR's "accelerated expansion rate" of the universe; In fact, this unique "Critical Prediction" of the New "G-d's

Physics" Paradigm offers an alternative explanation for the Old Paradigm's (purely hypothetical abovementioned) theoretical concepts of "dark-matter" and "dark-energy" which cannot be verified empirically but yet are assumed to be responsible for the empirically observed accelerated expansion rate of the universe! This is because instead of those "superfluous" (i.e., "non-existent!") "dark-matter" and "dark-energy" purely hypothetical concepts which were assumed to explain the accelerated rate of expansion of the universe; the New "G-d's Physics" account of this empirically observed accelerated expansion of the universe stems from the singular higher-ordered UCP's/UCR's accelerated increase in the number of additional exhaustive spatial pixels comprising each consecutive UF's frame! Specifically, to the extent that Cosmologist, Astronomers etc. accurately measure and validate this unique "Critical Prediction" of "G-d's Physics" New Paradigm indicating that at the special (two days) time interval of the Jewish New Year ("Rosh-Hashana" – i.e., this year it occurred on the 19th and 20th of October (2020) indicating that indeed the accelerated rate of the universe's expansion has increased "non-continuously" "during" these two days of the Jewish "Rosh-Hashana" (at which time Millions of Jews all around the World have prayed and focused solely upon this singular higher-ordered "Universal Consciousness Reality", i.e., "G-d"!)) then this would inevitably prove that the New "G-d's Physics" Paradigm must be accepted as the New Paradigm for 21st Century Physics! *It is quite disappointing (and indeed "surprising") that despite numerous "Urgent Calls" for all Astronomers, Cosmologists and Empirical Physicists to empirically validate this unique "Critical Prediction" of this New "G-d's Physics" Paradigm during each year's Jewish "Rosh-Hashana" special time-interval – now, already for three consecutive years!? No such empirical validation has taken place!??*

b) Greater Number of "Fine-Temporal Measurements" (FTM) for "More-Massive" Particle/s Than "Less-Massive" Particles!

Another unique "Critical-Prediction" of the New "G-d's Physics" Paradigm regards the greater number of "Fine-Temporal Measurements" (FTM) (e.g., minimal time-point Subatomic Accelerators sampling measurement of the incredibly rapid rate of the UCP's (" c^2/h " = 1.36^{50} sec') computation of the series of UF's frames) – of relatively "more massive" particles (such as the "Muon") then "less-massive" particles (such as the "electron") across a given FTM time interval! This is due to the New "G-d's Physics" Paradigm's UCP's computational definition of the "mass" value of any given particle as the number of "object-consistent" presentations of that particle across a given series of UF's frames; Consequently, any Subatomic Accelerator's FTM's "sampling" of a certain number of UF's should result in a much greater number of FTM measurements in which a relatively "more massive" (for instance "Muon") particle should be measured, relative to the number of FTM measurements of a relatively "less-massive" particle

(such as the "electron") across the same FTM time-interval measured... *Once again multiple official public requests and calls for Empirical Physicists to carry out (and validate) this unique "Critical Prediction" have been delivered – but to no avail!??*

So, we find ourselves in an "impossible situation" for Science (in general): one the one hand, Science received a "mandate" to investigate- and discover- "Truth" – solely contingent upon its reliance upon the firm foundations of "objective gathering of empirical data" and its "stringent" analysis based on logical reasoning to arrive at a certain "Standard Scientific Paradigm" which can best explain all of this gathered empirical data, facts and phenomena) – e.g., as described by Kuhn's fine analysis of the evolution of any Scientific Discipline; and on the other hand, it seems that Science (or rather "scientists") are "resisting" to acknowledge the current appearance of Kuhn's clear definition of a "Paradigmatic-Crisis" in 20th Century Physics Old "Material-Causal" Paradigm and its ensuing (inevitable) necessary "Paradigmatic-Shift" into a satisfactory New ("G-d's Physics") Paradigm for 21st – including their ("obstinate") "unwillingness" to empirically validate the unique "Critical Predictions" of this New "G-d's Physics" Paradigm! True, Kuhn himself acknowledged that this special "Paradigmatic-Shift" phase is characterized (and often accompanied) by some "conflicts" and "difficulties" (e.g., because "scientists" are, after all, simply "human-beings" who are often reluctant to "let go" of their old ideas and assumptions etc. and embrace new "broader" ideas and understandings) – but still, they must realize that the only "mandate" given to Science (by Humanity) to discover "Truth" – is based on their unwavering "commitment" to investigating the true nature of the "physical reality" and "physical universe" – based on those fundamental stringent criteria that Kuhn identified (and Descartes was probably their first proponent), namely: "objective" data and its "logical reasoning interpretation and construction of certain "Standard Paradigm/s" – which have to "give-way" to "New Paradigm/s" capable of resolving any "theoretical inconsistencies" found within any "Old-Standard Paradigm", explaining "unexplained phenomena" (according to the "Old Paradigm/s") – and especially, empirical validation of any unique "Critical Prediction/s" of any "New Paradigm", which differentiate it from the corresponding prediction/s of the "Old Paradigm"! Therefore, the current "impossible predicament" of Science must change immediately: Physics – and specifically Cosmologists, astronomers and Experimental Physicists must rush and validate the New 21st Century "G-d's Physics" Paradigm's "Critical Prediction/s" (as mentioned above and extensively previously); or else, it is likely that the special "mandate" given to Science (by Humanity) to investigate and discover "Truth" – would "pass" onto other "forms" of advanced Human Investigation/s and Knowledge, "demanded" by Humanity's incessant "quest" to discover "Truth"!?

5. Fulfilling Science's & Humanity's "Goal": "Geula Time"!!?

Indeed, the discovery of this profound New "G-d's Physics" 21st Century Paradigm points at the existence of a new higher-ordered "Universal Consciousness Reality" (UCR) which solely produces the entire physical universe (at the incredible rate of " c^2/h " = 1.36^{-50} sec) as an extremely rapid succession of "Universal Frames" (UF's) comprising all exhaustive spatial pixels in the universe (for each such minimal time-point) – with the entire physical universe "dissolving" "in-between" any two successive UF's frames! This profound new discovery of the New "G-d's Physics" Paradigm, alongside the (abovementioned) "Computational Invariance Principle" and associated "Universal Consciousness Reality" (UCR) brought about a new (and profound) realization wherein the existence of the entire physical universe (and all of its constituting exhaustive spatial pixels) may only be regarded as representing a "transient", "phenomenal" manifestation of the singular "computationally-invariant" reality of the UCR – which exists "consistently" and "uniformly" both "during" its (simultaneous) computation of all exhaustive spatial pixels comprising each consecutive UF's frame, and also (solely) exists "in-between" any two consecutive UF's frames! Therefore, "G-d's Physics" New Paradigm's profound realization that the physical universe does not exist as a "solid" "consistent" reality – but rather as a "transient", "phenomenal" "manifestation" of the singular higher-ordered "Universal Consciousness Reality" (UCR); and in fact, that the entire physical universe is being continuously "computed", "dissolved"- re-computed- and evolved- (at the incredible rate of " c^2/h " = 1.36^{-50} sec) by this singular higher-ordered UCR completely alters our basic conception and understanding of the physical universe (e.g., as well as our own important role as Human-Beings possessing an Individual Human Consciousness within it)! No longer is the universe conceived as "randomly" created by an initial "Big-Bang" nuclear event, nor as being evolved based on either macroscopic Relativistic direct physical interactions (between certain "massive-objects" assumed to "cause" the "curvature of Space-Time" etc.), nor as driven by direct subatomic physical interactions/ between a given "probe" and corresponding "target's probability wave function" which is assumed to "cause" the "collapse" of this "target's probability wave function" into a singular complimentary "space/energy" or "time/mass" value)... Nor is the universe "drifting aimlessly" into an ever increasing "greater Entropy" inevitable dissolution (based on the Second Law of Thermodynamics)... Nor is the "Biological Evolution" of the species "caused" by direct physical interactions between certain organism/s (e.g., which "genetically mutate" "randomly") and their environment – which "causes" the "survival of the fittest"!.

Instead, the New "G-d's Physics" postulates that the (continuous) "origination" (or computation),

"dissolution", re-computation- and evolution of each exhaustive spatial pixel comprising the entire physical universe is solely "guided" and "determined" by that singular higher-ordered "Universal Consciousness Reality" (UCR)'s intrinsic properties, e.g., including its "Ten Laws of Hierarchical Manifestation" – which also include" the UCR's "Good-Will", "Free-Will", "Dynamic-Equilibrium" Moral Principle etc., and its overarching "Reversed-Time Goals Hypothesis" (RTGH) which states that this singular higher-ordered UCR computes the whole evolution of the physical universe from its "Ultimate Final Goal" of reaching a "Perfected" – Physically, e.g., including the "abolishment of death" (see previous publication)!, Morally, e.g., the existence of a World and Universe in which all Individual Human Consciousness (Human-Beings) function and operate based on their realization of their complete (and mutual) "unity" and "inseparability" from this singular, higher-ordered UCR – which would bring about a fundamental change in their behavior such that it would be as "inconceivable" for any ("sane") Human Being to "inflict pain" by its "right hand" upon its "left hand"; in the same manner it would become completely "inconceivable" for any Individual Human Consciousness (Human Being, individual) to "inflict pain/suffering" upon another Human-Being due to Humanity's fundamental realization that all Human-Beings are "inseparable" from the singular higher-ordered "UCR" (and therefore form "integral-inseparable segments" of this singular UCR, and form each other!); And Spiritually – this UCR's ultimate "Perfected" State (e.g., termed: "Geula" in the profound Jewish Tradition) implies that all Human-Beings would recognize the singular existence of this higher-ordered UCR – of which Human-Beings and the entire physical cosmos are only "transient", "phenomenal" and "inseparable" elements, which would therefore increasingly manifest a basic sense of "recognition", "awe", "gratitude" (and "reverence") towards that Singular, Higher-Ordered, All-Goodness, All-Giving UCR, i.e., "G-d"!).

Indeed, Science and Humanity is reaching a "pivotal-point" along its incessant development in which they "desperately" needs to undergo a basic fundamental "Paradigmatic-Shift" from its Old "Material-Causal" Paradigm of 20th Century Physics towards the much broader "exhaustive" New "G-d's Physics" Paradigm – which discovered the existence of a singular, higher-ordered "Universal Consciousness Reality" (UCR) that continuously computes- "dissolves"- re-computes and evolves every exhaustive spatial pixel in the universe (at an unfathomable rate); and which directs the World and Humanity towards a Physically, Morally and Spiritually Perfected "Geula" State – in which the most advanced form of Physical, Biological and Moral development, (e.g., "Human-Beings") reach a condition in which they (collectively) recognize the singularity of this higher-ordered UCR, its "Reversed-Time Goal Hypothesis" incessant "driving" of the Universe (from its "inception" and continuously with each consecutive UF's frame/s)

towards this Physically, Morally and Spiritually "Perfected-Geula" Ultimate (and "eternal") State! Towards the discovery of this Ultimate Truth" – did Science receive its "mandate" from Humanity, and regardless of "scientist's" willingness (or "unwillingness") to recognize, embrace and advocate this singular, higher-ordered "Ultimate-Truth" – Humanity must reach this Perfected "Geula" State, i.e., especially during these "troubling" and "trying" times of the Covid-19 Pandemic (which seem to "challenge" many of the old "Material-Causal" Old Paradigm's basic assumptions), and in which Humanity is groping for a "Just", "Morally", "Physically" and "Spiritual" "New Reality": It's "Time" for "Geula"!).

Dedication: This article (as well as all of the other articles in this Special Issue) are dedicated to my Great Lubavitcher Rebbe, my dear Father, Prof. Zvi Bentwich, my dear beloved diseased Saintly mother, Dr. Tirza Bentwich (daughter of Yitzchak), my dear beloved wife, Shulamit Bentovish, my two sons: Shoham and Nethanel Yossef and daughter Neomi Tirsa Shulamit, my eldest brother Issac and all of my extended family; To my Grandfather Yossef Bentwich and Great Grandfather Zvi Herbert Bentovish (Bentwich); It is also dedicated to Mr. Brian Fisher. It is dedicated (more generally) to all "True Scientists" who fight to discover "Truth" – no matter how "inconvenient" or "hard" the Journey to its discovery may be, for the sake of uplifting Humanity to its ultimate "Goal" of "Geula" and a Truly Perfected World which recognizes, acknowledges and adorns that Singular Higher-Ordered "Universal Consciousness Reality", i.e., "G-d"! This article is also dedicated in memory of dear beloved Mrs. Diana Raz, who shed so much light and Goodness in the lives of so many couples but whose own life was stumped at such an early age leaving behind four innocent children, may her Memory Blessed and may her Soul ascend to Paradise (where she belongs)...

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