

# 'G-d's Physics New 21st Century Paradigm: From "Law" to "Mercy"!

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## Abstract

Twenty-first Century Physics is undergoing a Major "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "A-Causal Computation" (ACC) Paradigm associated with the "Computational Unified Field Theory" (CUFT), also called: "G-d's Physics". Based on the CUFT's discovery of a new singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes every exhaustive spatial pixel in the universe for each consecutive "Universal Frame" (UF) at the incredibly rapid rate of  $c^2/h = 1.36 \cdot 10^{50}$  (sec)! this New 'A-Causal Computation' Paradigm of 21st Century Theoretical Physics dramatically revises some of the basic assumptions underlying the Old "Material-Causal" Paradigm: It challenged and revised the "Big-Bang" Model, Einstein's Equations, and discarded "dark-matter" and "dark-energy" as being "superfluous" (i.e., non-existent!) due to the UCP's simultaneous computation of all exhaustive spatial pixels for each consecutive UF's frame/s! Based on another "Computational Invariance Principle" postulate of this New 21st Century 'G-d's Physics' Paradigm asserting that only the UCP may be regarded as "computationally-invariant", whereas the four basic physical features of "space", "energy", "mass" and "time" can only be considered as "transient", "phenomenal" ("computationally-variant") manifestations of this singular higher-ordered UCP; it is derived that the entire physical universe is governed solely based on the characteristics of this singular higher-ordered "Universal Consciousness Reality" (UCP)-one of which is "Goodwill", e.g., the propensity to sustain all Life, to bestow "Goodness" and evolve the entire universe towards an ultimate Perfected State (Physically, Morally and Spiritually), called "Geula" in Jewish Tradition.

**Keywords:** Computationally-variant • Jewish tradition • Exhaustive spatial pixels • Paradigmatic-shift • Universe

## Introduction

### Twenty-first century physics 'G-d's physics' paradigmatic-ic-Shift! " paradigmatic-crisis"

Twenty-first century Theoretical Physics finds itself in a basic "Paradigmatic-Crisis" akin to the state of Physics over 100 years ago, e.g., prior to Einstein's 1905 & 1919 Relativity Theory "Paradigmatic-Shift"! In order to perhaps better understand the basic nature, dynamics and "evolution" of Science, we have to revert back to Thomas Kuhn's famous historic analysis of the "Structure of Scientific Revolutions" (1962): what Kuhn discovered was that Science does not evolve "linearly", i.e., continuously within the same Scientific Paradigm – rather, it evolves through alterations between periods of "Standard Science" in which a particular Scientific discipline advances its knowledge based on a given known Scientific Paradigm, and periods in which that 'Standard Paradigm' does not suffice, any longer to adequately describe the physical reality and a 'New Paradigm' is called for in order to account for accumulating "unexplained phenomenon" (by the Old 'Standard Paradigm') and which can resolve any major "Theoretical Inconsistencies" that exist in the Old Paradigm! Kuhn also brought Science into the awareness that scientists are (after all) human-beings who seem to be "afraid" of making such necessary "Paradigmatic Shifts"! Nevertheless, Science has to evolve and provide Humanity with an ever closer understanding of Truth, and it does so by a rigorous Scientific Method combining replicable empirical data and logical (mathematical) explanations! [1,2].

### G-d's Physics New Paradigm: From "Reductionism" to "Exhaustiveness"!

The New 'G-d's Physics' Paradigm seems to extend (and transcend) the strict confining boundaries of the Old 'Material-Causal' Paradigm; This is because wherein the Old 'Material-Causal' Paradigm advocated that it only

based on direct physical interactions between certain "massive objects" and their curvature of "Space-Time"-that the dynamics and evolution of the physical universe can be explained, or that it is only based on the direct physical interaction between a given subatomic "probe" element and a corresponding subatomic target's "probability wave function"-that this target's 'probability wave function' "collapses" into a singular (measured complimentary) target value is arrived at; according to the New 'G-d's Physics' Paradigm, there cannot exist any such direct physical interaction-e.g., either at the macroscopic relativistic level or at the microscopic subatomic quantum level; simply because the singular (higher-ordered) "Universal Computational/Consciousness Principle" (UCP) simultaneously computes all exhaustive spatial pixels in the universe for each consecutive Universal Frame/s (UF's)!? Moreover, as stated above (and previously), since the New 'G-d's Physics' (Computational Unified Field Theory, CUFT) Paradigm postulates that 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 effects" or any "material-entity" across any two consecutive UF's frames!

This was indeed the basis for 'G-d's Physics' New Paradigm's rejection and negation of the basic 'Material-Causal' assumptions underlying RT's and QM's Old Paradigm, including: the 'Big-Bang' Model, which assumes that the whole universe originated (or was "caused" by) an initial nuclear explosion-which is assumed to have created all "suns", galaxies, planets, space, mass energy etc. The 'Big-Bang' Model was challenged and rejected based on the UCP's simultaneous computation of every exhaustive spatial pixel in the universe for each consecutive UF's frame-which negates the very possibility of any direct physical interaction between any two (or more) exhaustive spatial pixels comprising the entire physical universe! And also due to the complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's frames-which also negates the possibility of the transference of any 'physical effects' or any 'material-entities' across consecutive UF's frames, e.g., such as the continuous

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expansion and "expulsion" of the Big-Bang's assumed initial nuclear explosion and ensuing continuous creation- and expansion-of the whole (observed) physical universe! Likewise, this New 'G-d's Physics' Paradigm also challenged Einstein's Equations' basic 'Material-Causal' assumption wherein the continuous evolution of the physical universe is "caused" by the direct physical interactions between given "massive objects" and their "curvature" of "Space-Time", and vice versa that the determination of the "travelling-pathways" of these "massive" and other less-massive objects is "caused" by the "curvature of Space-time"! This is once again, due to the simultaneity of the UCP's computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s-which negates the very possibility of the existence of any such direct "physical interactions" or "physical effects" of those 'massive objects' and their assumed "curvature of Space-Time" or between the assumed 'curved Space-Time' and its determination of the massive/less massive objects 'travelling-pathways'! In the same manner the purely hypothetical concepts of "dark-matter" and "dark-energy" have been completely rejected as "superfluous", i.e. "non-existent"! This is because the emergence of these (purely hypothetical) "dark-matter" and "dark-energy" concepts is associated with the empirically observed accelerated expansion of the physical universe-which is assumed to be "caused" by the presence of "dark-matter" or "dark-energy"! But, if indeed the UCP simultaneously computes each exhaustive spatial pixel in the universe (for each consecutive UF's frame/s with the entire physical universe "dissolving" back into the singularity of the UCP "in-between" any two consecutive UF's frames), then there cannot exist any such "material-causal" direct physical relationships between these (purely hypothetical) "dark-matter" and "dark-energy" entities and the accelerated expansion of the entire physical universe! Finally, the basic 'Material-Causal' assumption underlying QM's Model, wherein any measurement of any given subatomic 'target's probability wave function' involves the "collapse" of the target's 'probability wave function' is also directly being challenged by the New 'G-d's Physics' Paradigm: this is once again due to its insistence upon the UCP's simultaneous computation of all exhaustive spatial pixels in the universe (e.g., for each consecutive Universal Frame/s – with the entire physical universe being "dissolved" in-between any two such consecutive UF's frames back into the singularity of the UCP); Therefore, there cannot really exist any direct physical interaction between the subatomic 'probe' and 'target's (probability wave function) – at any single or multiple UF's frames, and there cannot be any "transference" of any "physical effect" taking place following any such ("non-existent) direct physical interaction between the subatomic 'probe' and 'target' elements-and the supposed "collapse" of the probability wave function (in a subsequent UF's frame/s)!?

We therefore see that the basic "materialistic-reductionistic" assumption underlying the Old 'Material-Causal' Paradigm of both RT & QM is greatly challenged (and in fact negated!) by the New 'G-d's Physics Paradigm; we acknowledge the fact that this Old 'Material-Causal' Paradigm basic assumption wherein the origination-dynamics and evolution- of the physical universe, or any subsystem of it is determined based on direct physical interactions between relativistic "massive" objects and their curvature of 'Space-Time' (and vice versa the determination of the "travelling-pathways" of these "massive" or "less-massive" objects based on this curved 'Space-Time'); or at the subatomic level, the assumption that any observed subatomic "phenomenon" is the result of the "collapse" of the subatomic target's 'probability wave function' as "Caused" by its direct physical interaction with another corresponding subatomic "probe" element; that this basic 'Material-Causal' assumption is "invalid"-as there cannot exist any such direct physical interaction/s between any two (or more) exhaustive spatial pixels existing either in the same-or different- Universal Frame/s, and moreover there cannot exist any "transference" of any "material effect" or any "material-entity/lies" across two consecutive UF's frames (as all exhaustive spatial pixels in the universe "dissolve" in-between any two consecutive UF's frames!); This New 'G-d's Physics' basic challenging- and revision- of the Old 'Material-Causal' Paradigm basic assumption indeed was shown to possess far-reaching theoretical ramifications: first, it challenged the basic "Big-Bang" Model wherein the physical universe was created by an initial 'Big-Bang' nuclear explosion, e.g., as there could not have been any direct

physical interaction/s between any such 'Big-Bang' nuclear explosion and any creation of any "massive-objects", suns, galaxies, planets, energy, space, etc.- either in the first- second- or any other consecutive Universal Frame/s! Likewise, General Relativity's Einstein's Equations' description of the curvature of 'Space-Time' by massive objects and its determination of the travelling pathways of these massive objects was also negated by this New 'G-d's Physics' (CUFT) Paradigm. Similarly, the existence of "dark-matter" or "dark-energy" was also rejected and negated as "superfluous" or "non-existent" based on the impossibility of the existence of any such "material-causal" direct physical interactions between any such (purely hypothetical) "dark-matter" or "dark-energy" and any single or multiple exhaustive spatial pixels comprising the entire physical universe due to the simultaneity of the UCP's computation of all exhaustive spatial pixels in the universe for any consecutive Universal Frame/s! [3-6].

In contrast, the New 'G-d's Physics' Paradigm forces us to expand our "theoretical gaze" towards the higher-ordered singular "Universal Computational/Consciousness Principle" (UCP)-which can alone be responsible for the empirically observed relativistic, quantum or indeed UCP's "exhaustive" phenomena, laws etc.; If indeed, the New 'G-d's Physics' Paradigm is valid, then there cannot exist any relativistic or quantum subatomic direct (or even indirect) physical interactions between any two (or more) exhaustive spatial pixels existing either in the same-or different- UF's frames, as they are all simultaneously computed by the singular higher-ordered UCP! Therefore, instead of the Old 'Material-Causal' Paradigm which can only "reduce" any physical (relativistic or quantum) "phenomenon" to a subset of direct physical interactions comprising this phenomenon, the New 'G-d's Physics' Paradigm steers Physics (and Science, more generally) in the opposite theoretical direction of expanding- and raising- the theoretical explanation of any apparently "physical" phenomenon towards its singular higher-ordered UCP underlying computation of all exhaustive spatial pixels comprising the entire physical universe (for each "minimal time-point" UF's frame/s)! [4].

## The "Cinematic-Film Metaphor" & "Computational Invariance Principle"

In order to better perhaps understand the gist of this New 'G-d's Physics' Paradigm, e.g., and its transcendence of the Old 'Material-Causal' "reductionistic" Model, it is appropriate to mention two key theoretical postulates of this New 'G-d's Physics' Paradigm: a) The "Cinematic-Film Metaphor"; b) The "Computational Invariance Principle";

a) The 'Cinematic-Film Metaphor': attempts to illustrate the UCP's computation of the series of UF's frames comprising all exhaustive spatial pixels comprising the entire physical universe (for each consecutive UF's frame/s) through its comparison to the dynamics of a standard 'Cinematic-Film' mechanics: It indicated that in much the same manner that we could measure the "velocity" (or "energy") of any given object in the film based on a computation of the degree of its "displacement" across a series of UF's frames, as opposed to our measurement of its (unchanging) "spatial-dimensions" as the number of spatial-pixels which remain "constant" across a given number of film-frames; And akin to our film's potential measurement of the "temporal-value" of any given event or phenomenon (such as a man walking in the film) – which we could "slow-down" if we were to project the film's frames in a "slow-motion" mode in which the number of changes taking place in that man walking would be decreased and hence the "time-value" that seemed to have elapsed would be "slowed-down" as well; hence the "time-value" of that given phenomenon (of the man walking) would depend on the number of changes taking place within that object ("man walking") across a given number of film-frames... Conversely, we could create a "film-scenario" in which the perceived "mass" of any given object would be computed based on the number of times that object has been presented "consistently" (e.g., in the same manner) across a given number of film-frames (thereby "increasing its hue"); Indeed, this 'Cinematic-Film Metaphor' has been utilized in order to convey two (out of three) UCP's basic "Computational Dimensions", e.g., of "Framework" ('frame' vs.

'object'), 'Consistency' ('consistent' vs. 'inconsistent')-which when combined give rise to the four basic physical features of 'space' and 'energy', and 'mass' or 'time': it was suggested that the UCP simultaneously computes for all exhaustive spatial pixels in the universe these four basic physical features as: 'frame'-consistent ('space') or 'inconsistent' ('energy'), or 'object'-consistent ('mass') or 'inconsistent' ('time') UCP computations! This amazing discovery led to the complete unification of these apparently "distinct" physical features of the universe within a singular UCP "Universal Computational Formula":

Indeed, one of the fascinating facets of this New 'G-d's Physics' Paradigm is its far-reaching new understanding that these four basic physical features of the universe do not exist as "independent" (albeit "interconnected") features – but in fact represent four complimentary aspects of the UCP's singular (simultaneous) computation of the degree of Frame/Object & Consistent/Inconsistent computation for each and every exhaustive spatial pixel in the universe, e.g., comprising the series of UF's frame/s! No longer are only "space" and "time" connected (e.g., Space-Time) and "energy" and "mass" equivalent (e.g.,  $E = Mc^2$ ); and "mass" assumed to "curve" "Space-Time" (e.g., as expressed in Einstein's equations); instead, for the first time in Theoretical Physics, all of these four basic physical features are found to be mere secondary computational properties of the singular UCP's simultaneous computation of the degree of "change" (consistency) or "lack of change" (inconsistency) computed for each exhaustive spatial pixel-pertaining to its own comprising features ('object'), or as relating to its features relative to the entire Universal-Frame ('frame')! Moreover, as shown previously, this singular, higher-ordered UCP 'Universal Computational Formula' (UCF) completely integrates fundamental 'relativistic' and 'quantum' features as integral parts of the UCF (as expressed in its "Relativistic" and "Quantum" Formats, delineated previously) [8].

In this regard, the discovery of 'G-d's Physics' New Paradigm may also be said to fulfill "Einstein's vision" (e.g., and more generally Kuhn's delineation of the structure and nature of "Paradigmatic-Shifts")-wherein both Relativistic and Quantum laws and features are seen to comprise only "special-cases" within the broader scope of 'G-d's Physics' New Paradigm's theoretical framework...

Perhaps one more important aspect of this 'Cinematic-Film Metaphor' may be worth mentioning (at this point) – regarding its explanation of the depiction of a (massive) "Mercury Ball" impacting a (delicate) "Glass-Jar" filled with water, which seems to "cause" the spillage of the water element (onto the floor); when watching such a given "film-scenario" of the 'Mercury-Ball' impacting the 'Glass-Jar', which seems to "cause" the spillage of the water-we are immediately under the impression that there exists clear "cause" and "effect" (direct) physical relationships between the impact of the 'Mercury-Ball' and its "causing" of the breakage of the 'Glass-Jar' and the subsequent spillage of the water... But, according to this 'Cinematic-Film Metaphor's' deeper analysis we find that-if we are to inspect each individual "film-frame" (and even more so – the intermittent "pure-light" found "in-between" every two consecutive frames), we will notice that there cannot exist any real direct physical interactions between this 'Mercury-Ball' and 'Glass-Jar'-at none of these consecutive 'film-frames'! This is because at none of these individual film-frames can there exist any direct physical interactions between any two (or more) exhaustive spatial pixels comprising the entire film-frame/s, as they are depicted simultaneously! Indeed, when we examine closely the rapid succession of these individual film-frames, we find that even though the relative 'spatial-configuration' of these 'Glass-Jar' and 'Mercury-Ball' is presented in ever greater 'spatial-proximity' across the series of film-frames (e.g., until their spatial "identification" in the particular film-frame in which the "Mercury-Ball" impacts the 'Glass-Jar'), still since these two objects are presented simultaneously in each film-frame, there cannot really exist any direct physical interaction/s between them! Indeed, the impossibility of the existence of any direct physical interactions between these two 'Mercury-Ball' and 'Glass-Jar' objects becomes even more apparent when we consider the fact that "in-between" any two consecutive film-frames, the entire film-frame "dissipates" (or "dissolves") into the

"pure-light" that is presented, we realize that in reality, there cannot be any "transference" of any "physical effect" or even any "physical entity" across any two consecutive film-frames! [9].

The implied understanding derived from this 'Cinematic-Film Metaphor' regarding the New 'G-d's Physics' Paradigm is quite significant (and far-reaching): it implies that even though it may seem that certain physical "laws", "relationships" or even "phenomenon" exist at the relativistic or quantum levels – i.e., such as Einstein's Equations Relativistic "cause" and "effect" relationships between the existence of certain "massive objects" and their "curvature of Space-Time", or such as the assumed Quantum Mechanical "collapse" of the 'target's probability wave function' as "caused" by it being "impacted" by the corresponding subatomic 'probe' element; we realize through this 'Cinematic-Film Metaphor' that in reality there cannot exist any such "real" direct physical relationships between any relativistic or quantum objects, particles, laws or phenomena! Instead, when we follow (closely) the implied meaning of the 'Cinematic-Film Metaphor', we realize that it is only based on the Film's Director's "arrangement" of the particular order and "spatial-proximities" found in the series of UF's frames that gives rise to our "perceived impression" that there exist certain "relativistic" or "quantum" "phenomenon", "relationships" or even "laws"! In other words, the Film's Director's arrangement of the particular series of film-frames, depicting the ever closer "spatial-proximity" of those 'Mercury-Ball' and 'Glass-Jar' give us (the "viewers" of the film) the impression as if there exists a "cause" and "effect" physical relationship/s between the impact of the 'Mercury-Ball' unto the 'Glass-Jar' which "caused" its "breakage" and "spillage of water", whereas in reality there doesn't exist any such direct physical relationships, but only the particular arrangement of those 'film-frames' in such a manner that gives us such "cause and effect" impression... In other words, it becomes clear that the UCP's arrangement of the series of Universal Frames (UF's) is such that it gives us the impression that there exist certain "relativistic" or "quantum" phenomenon, relationships or even "laws" – but in truth all that really exists is the UCP's simultaneous computation of all exhaustive spatial pixels comprising the entire physical universe (for each consecutive Universal-Frame), and its particular "arrangement" of these series of UF's frames, which gives us the impression of the existence of certain relativistic or quantum "laws"...

b) The 'Computational Invariance Principle': Indeed, this 'Cinematic-Film Metaphor's' realization of the only "apparent", "phenomenal" nature of any "relativistic" or "quantum" physical relationships (or even "laws") becomes even clearer based on another key 'G-d's Physics' theoretical postulate termed: The "Computational Invariance Principle", which states that since only the singular, higher-ordered UCP exists "computationally-invariantly" both "during each consecutive UF's frame/s – e.g., as solely computing each exhaustive spatial pixel's four basic physical features ( of 'space', 'energy', 'mass' and 'time'), and also solely exists "in-between" any two such exhaustive UF's frames without the presence of any physical universe; whereas the entire physical universe exists only "computationally-variantly", i.e., exists only "during" each consecutive UF's frame/s (as solely being computed by this singular UCP) but "dissolves" back into the singularity of the UCP "in-between" any two consecutive UF's frames, therefore the 'Computational Invariance Principle' asserts that it is only the 'Universal Computational/Consciousness Principle' (UCP) that may be regarded as "real", e.g., existing "invariantly", consistently and continuously whereas the entire physical universe (and all of its constituting exhaustive spatial pixels) may only be regarded as "transient" and "phenomenal" – truly representing only a "manifestation" of the singular Universal Computational/Consciousness Principle" Reality! We therefore reach a "pivotal point" along the development of Science wherein we realize that the entire physical universe exists only as a "transient", "phenomenal" "manifestation" of the singular higher-ordered 'Universal Computational/Consciousness Principle' Reality, termed: the "Universal Consciousness Reality", which exists (invariantly) both "during" its (simultaneous) computation of all exhaustive spatial pixels in the universe for each consecutive UF's frame/s, and also exists solely (without the presence of the physical universe) "in-between" any two consecutive UF's frame/s! [9].

## "Supra-Spatial-Temporal Reservoir", "Multiple Future/s" and "Dynamic-Equilibrium" Moral Principle

Indeed, the fascinating discovery of 'G-d's Physics' New 21st century Paradigm's 'singularity of the Universal Computational/Consciousness Principle (UCP)-and its only "phenomenal", "transient" manifestation as the physical universe was also shown to be connected with the discovery of Ten "Hierarchical Laws of Manifestation" which describe the manner in which this singular higher-ordered UCP manifest this physical universe! Thus, for instance, it was shown above and beyond the existence of the physical universe there exist a higher-ordered UCP's "Supra-Spatial-Temporal Reservoir" containing all "past", "present" and multiple (possible) "future/s" UF's frames of the entire physical universe! Based on the discovery of the UCP's novel "Dynamic-Equilibrium" Moral Principle which postulates that since all exhaustive spatial pixels comprising the entire physical universe are in truth only manifestations of the singular (higher-ordered) Universal Computational/Consciousness Principle (UCP); and moreover based on another 'G-d's Physics' theoretical postulate called "the UCP's Inseparability Principle", which postulates that all Individual Human Consciousness are found to also be inseparable from this singular Universal Consciousness Principle, e.g., as also manifested in the "Deep-Sleep" State of Human Consciousness-and indeed, as manifested through the "special" state of "Expanded Human Consciousness" (in the waking state-for those "rare" of "blessed" individuals in which their Individual Human Consciousness completely identifies with the singularity of the Universal Consciousness Principle, e.g., which can also be described as a "prophetic" state); Therefore, the "UCP's Inseparability Principle" states that in reality all Individual Human Consciousness-comprise integral parts of this singular (higher-ordered) Universal Computational/Consciousness Principle! Therefore, based on this 'UCP's Inseparability Principle' the "Dynamic-Equilibrium" Moral Principle postulate of the New 'G-d's Physics' Paradigm states that since all Individual Human Consciousness-truly constitute integral parts of this singular (higher-ordered) Universal Computational/Consciousness Principle (UCP), therefore the UCP also possesses an intrinsic property (or "Hierarchical Law of Manifestation") stating that in any case that one of these "Individual Human Consciousness" makes a "negative Moral Choice", e.g., inflicting "pain" or "suffering" upon another Individual Human Consciousness, then this would "automatically" create a "balancing-Moral-Effect" instigated by the UCP to choose of multiple possible future/s that would "balance" or "teach" that "inflicting-pain/suffering" Individual Human Consciousness a "lesson" comprising experiencing precisely the same degree of "negative" suffering/pain as inflicted upon another Individual Human Consciousness... [10].

Another "Trampoline Metaphor" was utilized to convey this profound new theoretical understanding brought about by the discovery of this new "Dynamic-Equilibrium" Moral Principle: According to this 'Trampoline-Metaphor', if we were to imagine a Trampoline, e.g., with its fine-elastic-sheath, and a "solid iron-bar" firmly attached from one point along this 'trampoline-elastic-sheath' to another particular point on this 'Trampoline-sheath'; and if we imagined that one of these two points to which the Iron-Bar is attached "decided" to "inflict-pain/suffering" upon the "other point" (to which the Iron-Bar was attached), such as by pushing ("violently") the Iron-Bar against the "other" ("suffering") point; then we can see that this "unidirectional-violent-force" exerted by the "Inflicting-pain" point upon the "suffering-point" (through the Iron-Bar), would inevitable "cause" a "balancing" counter-force that would inflict the same degree of "pain/suffering" as did experience the "suffering-point"! In other words, this 'Trampoline-Metaphor' is utilized to convey the simple message that due to the 'UCP's Inseparability Principle' and associated 'Dynamic-Equilibrium' Moral Principle, any "negative force" exerted by one "inflicting-pain" point (e.g., representing a particular Individual Human Consciousness) upon another "suffering-point" (representing another Individual Human Consciousness experiencing a negative "suffering" or "painful" experience)-would necessarily "cause" the singular, unitary 'Universal Consciousness Principle' (represented by the solid-unitary Trampoline-sheath) to create or select one of multiple possible future/s Universal Frame/s that would

produce a completely opposite experience by the "inflicting-pain" point (Individual Human Consciousness) to "experience" precisely the same degree of "negative-painful experience" that it inflicted upon another Individual Human Consciousness-i.e., in order to "teach" or bring to its awareness that All Human Beings (and in fact the entire nature and physical universe) back into a Morally Balanced and Harmonious State! In this manner, the New 'G-d's Physics' Paradigm (e.g., for the first time in Theoretical Physics!) postulates that there exist in fact multiple possible future/s for each Individual Human Consciousness (e.g., individual); and that for each of these Billions of Individual Human Consciousness-the UCP "selects" one of multiple possible future/s 'Universal Frame' (UF) that are stored within the UCP's singular higher-ordered "Supra-Spatial-Temporal Reservoir", based on the UCP 'Dynamic-Equilibrium' Moral Principle's computation for "balancing" the 'Moral-Decision/s' of each such Individual Human Consciousness! [11].

Indeed, the discovery of these two "UCP Supra-Spatial-Temporal Reservoir"-encompassing all "past", "present" and "future/s" Universal Frames, and the selection of any given particular "negative" or "positive" Moral-Choice possesses profound new theoretical ramifications pertaining to our basic understanding (and appreciation) of the dynamics of the apparently "physical" reality and universe; No longer can the physical universe be regarded as a "mere physical reality"-which is based on the direct physical interactions between given relativistic "massive-objects" and their "curvature of Space-Time", or between certain subatomic "probe" and "target's (probability wave-function) elements! Instead, the New 'G-d's Physics' Paradigm (of 21st century Theoretical Physics) is seen as computing-"dissolving"-re-computing- and evolving- every exhaustive spatial pixel in the universe many Billions of times each second-creating an extremely rapid series (e.g., " $c^2/h = 1.36 \cdot 10^{17}$  sec<sup>-1</sup>") of Universal Frames (UF's) depicting the entire physical universe, which is also realized to be completely "dissolved" back into the singularity of the UCP "in-between" any two consecutive UF's frames! As a matter of fact (as mentioned earlier), 'G-d's Physics' 'Computational Invariance Principle' also indicated that what truly exists is only this singular higher-ordered 'Universal Computational/Consciousness Principle'-which exists both "during" each consecutive UF's frame (as solely simultaneously computing each and every exhaustive spatial pixel comprising the entire physical universe), as well as solely existing "in-between" any two consecutive UF's frames (without the presence of any physical universe)! Not only so, according to 'G-d's Physics' New Paradigm's 'Supra-Spatial-Temporal Reservoir' & 'Dynamic-Equilibrium' theoretical postulates, the UCP's (extremely rapid) computation of the series of Universal Frames (UF's)-does not depend on- or is constrained by- any "material-causal" physical interactions between any relativistic or quantum entities (pixels etc.), but rather depends (among all of the UCP's other ten-Laws of Manifestation) on the Moral-Choice/s that each Individual Human Consciousness makes at any given point in time – which "sets in motion" the UCP's 'Dynamic-Equilibrium' Moral Principle's "balancing" of any such particular "negative" or "positive" Moral Choice as manifesting in the selection of one of multiple possible "future/s" for both the "inflicting-pain" and corresponding "suffering" Individual Human Consciousness... This means that the physical universe does not exist as a "solid-independent" material-causal reality, but rather as a "transient", "phenomenal" manifestation of the singularity of the UCP-with one of its key propensities being the "Dynamic-Equilibrium" Moral Principle's "balancing" all Individual Human Consciousness' Moral Choices-i.e., through the UCP's "selection" (computing) of one of the multiple possible "future/s" for each of the over 7 Billion Individual Human Consciousness (individuals) in the world!? This incredibly complex computing capacity of the UCP which has to "retain" and "compute"-for each time-dependent 'Moral-Choice' carried out by any two (or more) individual Human Consciousness, so that any "Inflicting-suffering" Individual Human Consciousness is "balanced" relative to the "inflicted" Individual Human Consciousness (e.g., and also takes into consideration all of those two (or more) Individual Human Consciousness past actions and Moral-Choices etc.) is (once again) almost "unfathomable"! But, what becomes increasingly clear is that this constant and continuous computation- "dissolution"- re-computing- and evolution- of each exhaustive

spatial pixel in the physical universe is completely dependent upon the UCP's higher-ordered Ten-Hierarchical Laws of Manifestation (of which the 'Dynamic-Equilibrium' Moral Principle and UCP's "Multi-Spatial-Temporal Reservoir" constitute two Laws of Manifestation)... [7-11].

### The UCP's "Free-Will", "Goodwill" and "Reversed-Time Goal Hypothesis" ("Geula") Characteristics:

Hence, the New 21st century Theoretical Physics 'G-d's Physics' Paradigm completely revises our basic understanding of the origination-nature and evolution of the entire physical universe: No longer is the physical universe regarded as a mere "mechanical" or "material-causal" entity which originated in an initial nuclear 'Big-Bang' explosion; which is governed by mere relativistic (direct physical) interactions between certain "massive objects" and their "curvature of Space-Time", nor by direct physical interactions between certain given subatomic "probe" and "target's" (probability wave function) entities – which "cause" the "collapse" of this target's 'probability wave function' into a single (complementary) 'space-energy' or 'time-mass' value!? No longer is the universe's (empirically observed) accelerated expansion attributed to (completely hypothetical) "dark-matter" or "dark-energy" theoretical concepts, neither is the universe assumed to expand into "dissolution" as predicted by the "Second Law of Thermodynamics" (e.g., which assumes that the degree of "entropy" in any given system increases with time)!? Instead, as stated earlier (and previously), the New 'G-d's Physics' Paradigm asserts that the entire physical universe is being continuously "created", "dissolved", "recreated" and "evolved" so many billions of times each second (e.g.,  $c^2/h=1.36\cdot 50$  sec!) solely based on the singular higher-ordered "Universal Computational/Consciousness Principle" (UCP)! In fact, as mentioned above, 'G-d's Physics' 'Computational Invariance Principle' clearly depicts the entire physical universe as constituting merely a "transient", "phenomenal" manifestation of this singular Universal Consciousness Principle; Indeed, a closely related additional "Universal Consciousness Reality" (UCR) theoretical postulate asserts that since only this singular 'Universal Computational/Consciousness Principle' (UCP) exists "computationally-invariantly"-e.g., both "during" its sole (simultaneous) computation of all exhaustive spatial-pixels in the universe for each consecutive Universal Frame/s (UF's), and this UCP also solely exists "in-between" any two consecutive UF's frames-without the presence of any physical universe; therefore the 'Universal Consciousness Reality' (UCR) theoretical postulate suggests that in truth all that exists is this singular 'Universal Consciousness Reality'-which manifests as the physical universe "during" its computation of the extremely rapid series of Universal Frames (UF's), and which solely exists without the presence of the physical universe "in-between" any two consecutive UF's frames! Indeed, it is from this singular higher-ordered perspective of this New 'G-d's Physics' Paradigm which negates the possibility of any relativistic or quantum (subatomic) physical interactions (between any two or more exhaustive spatial pixels comprising any single or multiple UF's frames), instead solely attributing the continuous "creation"- "dissolution"- "recreation" and "evolution" of each exhaustive spatial pixel comprising the entire physical universe to the UCP's characteristics-that an entirely new understanding and appreciation of the magnanimity, beauty and complexity of the UCP's continuous creation of the universe arises...

Indeed, a studying of these UCP's "Ten Hierarchical Laws of Manifestation" brings about a new realization that the physical universe does not operate by strict "material-causal" laws, is not governed by mere material-physical interactions, but is rather derived and continuously being "directed" by the UCP's singular higher-ordered dynamics and characterizations: First, we saw that underlying and "driving" the computation of each consecutive UF's frame there is the continuous computation of the UCP regarding each Individual Human Consciousness 'Moral-Choice/s' based on the UCP's 'Dynamic-Equilibrium' Moral Principle's selection of one of multiple possible "Multi-Spatial-Temporal Reservoir's" "future/s" (e.g., as computed by this UCP for the over seven billions Individual Human Consciousness for each of their time-dependent 'Moral-Choices')! Second, as described previously (extensively) regarding these UCP's Ten-Hierarchical Laws of Manifestation' this singular higher-ordered UCP is also characterized by

a "Free-Will" and "Goodwill" intrinsic characterizations! This means that since the entire physical universe is totally dependent upon the continuous computation- "dissolution"- re-creation and evolution- of each and every exhaustive spatial pixel in the universe (for each consecutive UF's frame/s), and based on the abovementioned 'Computational Invariance Principle' and 'Universal Consciousness Reality' theoretical postulates; therefore the "UCP's Free-Will" postulate evinces that this singular Universal Consciousness Reality is not "constrained" or "limited" by any "material-causal" (or any other) physical (relativistic or quantum) "law"! Bearing in mind that the entire physical universe "dissolves" in-between" any two consecutive UF's frames, and that (in truth) the entire physical universe is nothing but a "transient", "phenomenal" manifestation of the this singular higher-ordered UCP or Universal Consciousness Reality (UCR), we realize that this singular higher-ordered UCR "itself" is not constrained by any physical (relativistic or quantum) "laws"!? Moreover, when we take into consideration the UCR's basic fundamental 'Goodwill' and "Reversed-Time Goal Hypothesis" ("Geula") (described previously), we understand that what's driving this singular higher-ordered UCR is an innate tendency to "Give-Life", to bestow "Goodness", "Happiness", "Harmony", "Peace" and "Moral Perfection" throughout the entire physical universe! The basic "Motivation" of this singular higher-ordered 'Universal Consciousness Reality' is to create and evolve a Universe which expresses ever more expansive and refined "forms" of Life, Moral and Spiritual Peace, Harmony and Perfection, as well as bring Humanity towards such a State of "Geula"-in which the Oneness of all Creation, the Awareness of the Existence of this singular Goodwill, Infinite Wisdom UCR is acknowledged, "seen" and appreciated! This is what's driving the entire evolution of the entire physical universe towards the expression and manifestation of an ever more Conscious and Moral Awareness-from inanimate, animate: plants, animals, human beings-and up to the highest manifestation of the special "expanded" form of Human Consciousness ("prophetic") State... This is what's driving the accelerated expansion of the entire physical cosmos-not as "caused" by any (non-existent, purely hypothetical) "dark-matter" and "dark-energy", but as brought about by this singular higher-ordered "Universal Consciousness Reality" (UCR) which continuously accelerates the number of additional exhaustive spatial pixels comprising each consecutive Universal Frame (perhaps in order for us, Human-beings to detect this Infinite Wisdom and Power of the UCR which increases and accelerates its manifested enlarged universe!); Indeed, as shown previously, this UCR's accelerated expansion of the entire physical universe is moreover dependent upon the "Collective Human Consciousness Focus" hypothesis, which states that it is the 'Collective Human Consciousness Focus' at such "special times" as the Jewish "Rosh-Hashanna" (New Year) in which Millions of Jews pray and focus on this singular higher-ordered 'Universal Consciousness Reality', 'G-d!' that brings about this UCR's "Non-Continuous" addition in the "Accelerated Expansion Rate" (AER) of the physical universe – taking place at each New "Rosh-Hashanna" Jewish Year... Indeed, the New 'G-d's Physics' Paradigm brings us ever closer to the profound new realization that the whole course and development of the universe is governed and "driven" towards the Ultimate Goal of this singular higher-ordered Universal Consciousness Reality (UCR) which is "Geula": a Perfected Moral, Spiritual and even Physical State of the world in which there is complete Peace and Harmony, in which Human-Beings realize their oneness with each other and with this singular UCR, in which Science and Humanity realize the singularity, Magnanimity, Infinite Wisdom and 'Goodwill' of this UCR, 'G-d!', appreciate- have gratitude towards-and also carry out a Moral, Purposeful Life aimed at the fulfillment of their individual and Collective role in bringing about this Perfected "Geula" State... Viewed in this Light, Science realizes that the whole existence, sustenance and evolution of the entire physical universe, i.e., towards this Ultimate Perfected "Geula" State is seen as representing this singular higher-ordered UCR, 'G-d' "Mercy" towards all Human Beings (and the World at large), rather than the physical universe being governed by strict "material-causal" physical "laws"! May Science and Humanity begin to comprehend and realize this singular "Merciful", "Goodwill" UCR, 'G-d'! And be grateful, aware and strive towards the complete understanding of this UCR's Ultimate "Geula" State-towards which the UCR drives the entire evolution of the physical universe (and May

we fulfil our important "role" in bringing about this "Geula" State of Moral, Spiritual and Physical Perfection)!

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