

"G-d's Physics" New "Geulah-Directed", "Universal Consciousness Reality's (UCR) Consistency Computation" Universe!

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Note: Dr. Bentovish is affiliated Zefat Academic Center; but is now seeking one of the leading Physics Universities in the World to further assist him in validating the New "G-d's Physics" Paradigm of 21st Century Theoretical Physics

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Submitted: 11 Apr 2022

Accepted: 29 Apr 2022

Published: 15 May 2022

Citation: Jehonathan Bentovish (Bentwich), Ph.D. (2022). Special Issue: "G-D's Physics New Twenty-First Century Scientific Paradigm". "G-d's Physics" New "Geulah-Directed", "Universal Consciousness Reality's (UCR) Consistency Computation" Universe!. *Journal of Theoretical and Computational Physics*. Pg: 01-04.

1. Background & Significance: "G-d's Physics" New Scientific Paradigm

Twenty-first century Theoretical Physics is undergoing a profound "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm of 20th century's Relativity Theory (RT) & Quantum Mechanics (QM) to the New "A-Causal Computation" Paradigm of "G-d's Physics" (e.g., previously termed: the "Computational Unified Field Theory", CUFT)! This "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" (CUFT) "A-Causal Computation" Paradigm is warranted based on the "Paradigmatic-Crisis" of this Old "Material-Causal" Paradigm signified by: a) an apparent basic "theoretical inconsistency" between its two "pillars", e.g., RT & QM; b) its inability to account for up to 95% of all of the "mass" and "energy" that exist in the universe, e.g., assumed to comprise purely hypothetical concepts of "dark-matter" and "dark-energy" – but which cannot be detected empirically (even after two full decades of multiple experiments attempting to do so!) This is known to signify a "Paradigmatic-Crisis" preceding a "Paradigmatic-Shift", as identified by the famous Philosopher of Science, Thomas Kuhn (1962); In order for such a "Paradigmatic-Shift" to be accepted by the scientific community, Kuhn teaches us that it is necessary for any New Paradigm to fulfill several stringent criteria: a) This "New Paradigm" should be shown capable of resolving the apparent "theoretical-inconsistencies" existing in the Old Paradigm; b) This "New Paradigm" should offer an alternative (satisfactory) explanation for the "unexplained phenomenon" (e.g., "dark-matter" and "dark-energy"); c) This "New Paradigm" should identify at least one (or more) unique "Critical Prediction/s" that differentiate it from the corresponding predictions of the "Old Paradigm" – to the extent that this "Critical Prediction/s" of the New Paradigm is validated empirically (e.g., as "more valid") than the corresponding prediction of the "Old Paradigm", then Science must (unequivocally) accept the "New Paradigm" as the satisfactory "New Paradigm" within the given discipline!

Indeed, the whole scope and purpose of this article is to demon-

strate (unequivocally) that this has precisely been accomplished by the New "G-d's Physics" (CUFT) Paradigm of Twenty-First Century Physics, based on its fulfillment of those three (stringent) scientific criteria – and specifically based on the fulfillment of the third criteria supplied by recent empirical validation of at least two unique "Critical Predictions" of this New "G-d's Physics" Paradigm as more valid than the corresponding predictions of the Old "Material-Causal" Paradigm of both RT & QM; and subsequently, to outline and describe the far reaching theoretical ramifications ensuing from the acceptance of this New "G-d's Physics" (CUFT) Paradigm as the New 21st century Theoretical Physics Paradigm – e.g., in terms of its basic understanding of the origin- dynamics- and true nature of the entire physical universe! Therefore, what ensues is a delineation of the satisfaction of this New "G-d's Physics" Paradigm of those three scientific criteria:

a). "G-d's Physics" Explanation of the Apparent RT-QM Theoretical Inconsistency"

As delineated previously, the manner in which this New "G-d's Physics" Paradigm resolves the apparent "theoretical inconsistency" between RT & QM is based on its discovery of the singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes all exhaustive spatial pixels in the universe at the incredible rate of " $c^2/h = 1.36^{-50}$ sec"! thereby producing an extremely rapid series of "Universal Frames" (UF's) comprising the entire physical universe at every "minimal time-point". Specifically, the New "G-d's Physics" Paradigm explains the apparent RT-QM "inconsistency" as arising from the UCP's multi-level computation: The basic apparent "inconsistency" between RT & QM stems from RT's insistence upon the "Speed of Light Barrier" for the transmission of any signal across space and time, which seems to be contradicted by QM's empirically validated "Quantum Entanglement" phenomenon in which the measurement of one "entangled particle" seems to "instantaneously affect" the "complimentary values" of another "entangled particle" separated by a distance that is greater than can be traversed

by alight signal!? This apparent "theoretical inconsistency" is resolved by the New "G-d's Physics" Paradigm based on its discovery of the UCP singular, higher-ordered

2. Empirical Validation of "G-d's Physics" Unique "Critical Predictions"!

3. "G-d's Physics" New "A-Causal Computation" 21st Century's Scientific Paradigm!

Hence, based on this initial direct empirical validation of "G-d's Physics" (two) unique "Critical Predictions", we enter an entirely new understanding of the physical universe, associated with "G-d's Physics" New "A-Causal Computation" Paradigm: essentially, since this New "G-d's Physics" "A-Causal Computation" Paradigm advocates that there exists a singular higher-ordered "Universal Computational Paradigm which simultaneously computes every exhaustive spatial pixel in the universe (e.g., at the incredible rate of " $c^2/h = 1.36^{-50}$ sec!"), therefore there cannot exist any direct (or even indirect) "material-causal" physical interaction/s between any two such exhaustive spatial pixels existing in any single- or multiple- UF's frame/s! Moreover, since the entire physical universe "dissolves" back into the singularity of this higher-ordered Universal Computational/Consciousness Principle (UCP) "in-between" any two such consecutive UF's frames, therefore there cannot exist any such "material-causal" physical interactions across any two consecutive UF's frames or "in-between" any two consecutive UF's frames! Therefore, the basic change in our basic understanding of the physical universe based on the discovery and empirical validation of the New "G-d's Physics" Paradigm is that there cannot exist any (direct or indirect) "material-causal" physical interactions between any two (or more) exhaustive spatial pixels existing in single- or multiple- UF's frame/s or across any number of consecutive UF's frames!

This profound fundamental change in our basic understanding of the physical universe was indeed shown to revise – and challenge – some of the most basic assumptions of the Old "Material-Causal" (20th century) Paradigm underlying both Relativity Theory (RT) and Quantum Mechanics (QM): The physical universe was not created by an initial "Big-Bang" nuclear event, e.g., which is assumed to have "caused" the creation of suns, galaxies, mass, energy space and time etc. – simply because (once again) there could not have existed any direct or indirect "material-causal" physical interactions between any two (or more) exhaustive spatial pixels existing either in the same- or different- UF's frame/s, i.e., including any such "material-causal" interaction/s between any such "nuclear event" and the formation of any suns, galaxies, mass, energy etc.! Such assumed "material-causal" interaction could not have taken place either in the "first", "second", "third" ... "nth" Universal Frame/s – and as stated above (and previously), neither could there exist any such "material-causal" physical interaction/s across any number of UF's frames, due to the complete "dissolution" of the entire physical universe "in-between" any two consecutive UF's frames! So, we cannot, any longer assume that the physical universe was created or "caused" by such an initially assumed "Big-Bang" nuclear event!

Nor can we assume that the continuous evolution of the uni-

verse is "caused" by "General Relativity's" famous "Einstein's Equations" – assuming that it is the presence of certain "massive-objects" that "caused" the "curvature of Space-Time", and conversely that it is this "curved Space-Time" that "causes" (or determines) the travelling-pathways of these "massive" and other "less-massive" objects!?! This is again, due to the principle negation of "G-d's Physics" New "A-Causal Computation" Paradigm of the very possibility of the existence of any (direct or indirect) "material-causal" between any two (or more) exhaustive spatial pixels existing in any single or multiple UF's frame/s, e.g., including between any such "massive" objects and the "curvature of Space-Time", or between that assumed "curved Space-Time" and the "travelling-pathways" of those "massive/less-massive" objects! Once again, there cannot exist any such direct "material-causal" physical interaction/s between those "massive-objects" and the "curvature of Space-Time" in any single- or multiple- UF's frame/s, nor can this assumed "curved Space-Time" (by "massive objects") "affect", "cause" or "determine" the "Travelling-pathways" of these "massive" or "less-massive" objects in any single- or multiple- UF's frames! So, we see that the basic "Material-Causal" assumption underlying General Relativity's "Einstein's Equations" is fundamentally challenged and indeed negated! In fact, we have to realize that this basic fundamental "Material-Causal" assumption assuming that the universe exists "continuously" and evolves based on such "material-causal" physical interactions between certain "massive-objects" and their (assumed) "curvature of Space-Time" must be replaced (now) with the empirical validation and acceptance of the New "G-d's Physics" Scientific Paradigm – with "G-d's Physics" "A-Causal Computation" Paradigm's completely new understanding of the basic nature and dynamics of the entire physical universe! This is because with the profound realization that according to this New "G-d's Physics" "A-Causal Computation" Paradigm that there cannot exist any "cause" and "effect" "material-causal" physical relationships between any two (or more) exhaustive spatial pixels in the universe existing in single- or multiple- UF's frame/s; and that in fact, the whole physical universe "dissolves" "in-between" any two consecutive UF's frames – we realize that the entire physical universe (or any component within it) existing within any given single- UF cannot "pass" or "affect" the same universe existing in the subsequent UF' frame/s! There cannot be any "transference" or "material-causal" "effect/s", "force/s" or even any "material entity" "across" any two consecutive UF's frame/s!

This means that the entire physical universe is being continuously "created"- "dissolved"- "re-created"- and "evolved"- "afresh" at each consecutive UF's frame/s! The universe does not exist "continuously" or "constantly" across the (incredibly rapid) series of UF's frame/s computed by the singular higher-ordered "Universal Computational/Consciousness Principle" (UCP); and there cannot exist any (direct or indirect) "material-causal" physical interaction/s between any relativistic or subatomic quantum "objects", "particles", "phenomena" of "forces" etc. – found either within the same single- or "across" multiple UF's frame/s! Indeed, from this profound new "G-d's Physics" "A-Causal Computation" Paradigm's new realization also ensues the understandings that: a) Neither could there exist purely hypothetical "dark-matter" or "dark-matter" concepts assumed to "cause" the accelerated expansion of the physical universe; b) QM's cur-

rently assumed "collapse" of the subatomic "target's probability wave-function" as "caused" by its direct physical interaction with another corresponding subatomic "probe" element – is also principally negated! This is because as we've stated, there cannot exist any such direct (or even indirect) "material-causal" physical interaction/s between any two (or more) exhaustive spatial pixels existing in the same- or different- UF's frames: implying that there cannot exist any direct (or indirect) "material-causal" physical interaction/s between either the subatomic "probe" and "target's" (assumed) probability wave-function" as "causing" the "collapse of this assumed probability wave-function"; or between the purely hypothetical "dark-matter" or "dark-energy" concepts and any other exhaustive spatial pixel/s in the universe (e.g., in any single- or multiple- UF's frame/s) – thereby negating the possibility that such purely hypothetical "dark-matter" or "dark-energy" concepts could "cause" the accelerated expansion of the physical universe!

We thus reach the inevitable theoretical conclusion wherein there cannot exist any "material-causal" physical relationships, interactions, or "transference" of any "material entity", "phenomenon" or "force/s" across any two consecutive UF's frame/s, but rather there only exists this singular higher-ordered UCP's simultaneous computation of every consecutive UF's frame/s exhaustive spatial pixels, which creates- "dissolves"- re-creates- and evolves- the whole entire universe with every consecutive UF's frame/!

4. "G-d's Physics" Universal Consciousness Reality (UCR) New Universe!

The next major advancement associated with "G-d's Physics" New accepted Twenty-first century's "A-Causal Computation" Scientific Paradigm are two of its more advanced theoretical postulates, namely: the "Computational Invariance Principle" and its associated "Universal Consciousness Reality" (UCR), which alter our basic understanding of the true nature of the universe! According to the "Computational Invariance Principle", since only this singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) exists uniformly, continuously, and constantly – both "during" its computation of every consecutive UF's frame/s, and also solely exists without the presence of any physical universe "in-between" any two consecutive UF's frames; whereas the entire physical universe and all of its exhaustive spatial pixels' four basic physical features (of "space", "energy", "mass" and "time") only exists "during" each consecutive UF's frame/s – as solely computed by this singular higher-ordered UCP, but cease to exist and "dissolves" back into the singularity of the UCP "in-between" any two consecutive UF's frames; therefore according to this "Computational Invariance Principle" only this singular higher-ordered UCP may be considered as "computationally-invariant", e.g., existing constantly, uniformly and continuously, whereas the existence of the entire physical universe may only be regarded as "computationally-variant", i.e., existing only "transiently" and "phenomenally" (during each consecutive UF's frame/s but not "in-between" any two consecutive UF's frame/s)! This profound new realization that the entire physical universe does not exist "constantly" and "continuously" – but rather "transiently" and "phenomenally" as solely dependent upon this singular higher-ordered UCP

has led to the second "Universal Consciousness Reality" (UCR) theoretical postulate which states that since only this singular higher-ordered UCP is regarded as "computationally invariant" (e.g., existing "constantly", "continuously" and uniformly" both "during" the UF's and "in-between" them), whereas the entire physical universe exists only "transiently" and "phenomenally" as solely computed by this singular UCP (only "during" each consecutive UF's frame/s but "dissolves" back into the singularity of this UCP), therefore the UCR theoretical postulate asserts that there truly exists only one singular reality, i.e., named: the "Universal Consciousness Reality" which exists uniformly, constantly and continuously both "during" its computation of every consecutive UF's frame/s, and also solely exists "in-between" any two consecutive UF's frame/s (without the presence of the physical universe)!

So, what we begin realizing through these two new "Computational Invariance Principle" and associated "Universal Consciousness Reality" theoretical postulates is that the physical universe ceases to exist as an "independent-material" entity, but is rather "metamorphosized" into a new understanding that it really only represents a "transient-phenomenal" manifestation of the singular reality of the "Universal Consciousness Reality"! No longer can the entire physical universe be regarded as existing as a "solid", "continuous" "material-entity", because it only exists for a "trillionth of a trillionth of a trillionth etc. of a second" (e.g., $c^2/h = 1.36^{-50}$ sec) – and even "during" each such consecutive UF's frame/s every exhaustive spatial pixel comprising such a "Universal Frame", i.e., depicting the entire physical universe is simultaneously computed by (and entirely dependent upon) this singular "Universal Consciousness Reality" (UCR)! Hence, in truth, the physical universe is only a "transient-phenomenal" manifestation of this singular higher-ordered "Universal Consciousness Reality", and it does not exist "separately" or "independently" of this singular higher-ordered UCR! Therefore, not only the universe was not "caused" or "created" by an initial "Big-Bang" nuclear event, nor does it evolve based on certain "material-causal" (direct or indirect) physical interactions, but also its very "nature" and "essence" is comprised – not of any "solid-material" elements or components, but rather is only a "transient-phenomenal" manifestation of the singular higher-ordered "Universal Consciousness Reality" – which alone exists, e.g., both "during" its continuous simultaneous computation of every exhaustive spatial pixel comprising the entire physical universe, and also existing (solely) without the presence of any physical universe "in-between" any two consecutive UF's frame/s! We begin realizing that the physical universe ceased to exist as an "independent-material" entity – instead being seen as a continuous "transient-phenomenal" manifestation of the only "real" "Universal Consciousness Reality", which continuously evolves the universe towards its Ultimate "Geulah-Goal" "Perfected": "Moral", "Spiritual" and & even "Physical" State of the universe!

5. "G-d's Physics" Theoretical Postulates:

It may be helpful (at this point) to outline and review the primary theoretical postulates of this New "G-d's Physics" "A-Causal Computation" Paradigm:

6. The "UCR's Computational "Duality Principle"& "Geulah-Goal" Driven Universe!

Indeed, the next step in our New "G-d's Physics" "A-Causal Computation" understanding of the physical universe is highlighting this singular higher-ordered UCR's "Ultimate Geulah-Goal" for the development of the whole universe; Perhaps, a (useful) metaphor could be supplied to illustrate the need for such an "Ultimate Geulah Goal" for the development of the whole physical universe! If we were to imagine how a King, for that matter "King Solomon" had to plan his Vision for building the "Temple", we would immediately discern that King Solomon could not construct such an (immaculate) "Temple" – without first ordering from the (best) Architect a complete "Blueprint" Architectural Plan of how the "ultimate Temple" would look like, including all of the fine elements comprising it, and including the stages for constructing this immaculate Temple! So, we see that before any (complex) undertaking such the Jewish "Temple" could be materialized there had to be a complete "Blueprint-Plan" for the "Ultimate Goal" of the fully-completed "Temple", and also of the various "steps" or "phases" necessary to construct this complete "Temple"! Indeed, this realization of the necessity to possess the "Ultimate Goal" of the UCR's construction of the physical universe prior to its origination and continuous evolution appears as another profound theoretical postulate of "G-d's Physics" New Paradigm, named: the "Reversed-Time Geulah Goal" Postulate: essentially, it hypothesizes that in the same manner that "King Solomon" had to possess a "pre-planned" "Blueprint" of the entire "Temple" and the various steps necessary to construct it, so it is postulated the Universal Consciousness Reality has "pre-planned" the entire physical universe from its "end" "Ultimate Geulah Goal" of reaching a

"Perfected": "Moral", "Spiritual" and "Physical" State of the universe and specifically of Humanity – towards the "beginning" phases of the universe and all of the necessary "steps" to reach this Ultimate "Perfected Geulah State", e.g., from "inanimate" matter through "animate": plants, animals, human-beings and up to this Ultimate "Geulah Goal State" of the entire physical universe!

Indeed, once we realize that "G-d's Physics" New "A-Causal Computation" Scientific Paradigm negates the possibility that the universe operates merely based on direct or indirect "material-causal" physical interaction/s (e.g., as was shown above and previously) Science must seek that singular higher-ordered UCP which can continuously create- "dissolve" re-create- and evolve- every exhaustive spatial pixel in the universe, creating that incredibly rapid series of "Universal Frames" (UF's) comprising the entire physical universe at every minimal time-point! Moreover,

7. The UCR's Geulah-Goal's Ten Hierarchical Computational Dimensions' Universe!

8. The THCD's Primary "Consistency" Computation!

9. G-d's Physics' New 21st Century Scientific Paradigm: Living "Geulah"!

We realize that we live in a completely new universe: no longer, a merely "physical" universe that was created by a "random", "material-causal" "Big-Bang" nuclear event, that is governed by "random" "material-causal" physical interactions