



"G-D'S PHYSIC'S" TEN HIERARCHICAL DIMENSIONS' UNIVERSAL COMPUTATIONAL FORMULA": UNIFYING ALL FACETS OF THE UNIVERSE!

Jehonathan Bentovish (Bentwich), Ph.D

Israel.

***Note:** Dr. Bentovish is seeking scientific collaboration and validation of this New CUFT's 'G-d's Physics' Paradigm's empirical "critical predictions" involving precise Astronomical /Cosmological Measurements as well as time-sensitive Accelerators validations.
Dr. Jehonathan Bentovish (Bentwich) E-mail is: drbentwich@gmail.com

Article Received on 28/05/2021

Article Revised on 18/06/2021

Article Accepted on 08/07/2021

ABSTRACT

Twenty-First century Theoretical Physics is undergoing a major profound "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm underlying both Relativity Theory (RT) and Quantum Mechanics (QM) to the New "G-d's Physics" (Computational Unified Field Theory, CUFT) Paradigm, due to the apparent "theoretical-inconsistency" that seems to exist between RT & QM and the Old Paradigm's inability to explain the accelerated expansion of the universe, e.g., assumed to be accounted for by the purely hypothetical "dark-matter" and "dark-energy" concepts which cannot be detected empirically. The New "G-d's Physics" Paradigm is based on the discovery of a singular higher-ordered "Universal Computational Principle" (UCP) which simultaneously computes all exhaustive spatial pixels in the universe at the unfathomable 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 consecutive minimal "time-point". Previously, this New "G-d's Physics" Paradigm delineated a novel "Universal Computational Formula" (UCF) shown capable of unifying between RT & QM, as well as between the four basic physical features of "space", "energy", "mass" and "time"; In this article a New Universal Computational Formula is discovered and outlined which indicates that the singular higher-ordered UCP utilizes "Ten Hierarchical Dimensions" aimed at accomplishing the UCP's sole "Ultimate Geula Goal" of advancing the whole universe from animate through "inanimate" forms: plants, animals and human-beings towards the desired Perfected: Moral, Spiritual and even Physical "Geula State" in which Humanity and Science will recognize the sole existence of this singular higher-ordered "Universal Consciousness Reality" (UCR) and lead a harmonious, peaceful and reverent life based on the UCP/UCR's discussed "Ten Hierarchical Dimensions" manifested through the New Universal Computational Formula!

1. Introduction: Twenty-first century's physics "Paradigmatic-Shift"!

Twenty-first Century Theoretical Physics finds itself in an "impossible" state in which the two basic "pillars" of Modern Physics, e.g., "Relativity Theory" and "Quantum Mechanics" seem "theoretically inconsistent", up to 95% of all of the mass and energy in the universe cannot be directly "detected" – instead assumed to comprise purely "hypothetical" concepts of "dark-matter" and "dark-energy", and there is an inability to unify between the four basic forces of Nature – i.e., particularly between gravity and the three other forces associated with the subatomic realm! Such a state of Physics obviously calls for a basic "Paradigmatic Shift" as previously described by the famous Philosopher of Science Thomas Kuhn in 1962 stemming from the fact that Science (and Physics) alternates between phases of "Standard Science" in which a particular Scientific discipline advances its knowledge based on the framework of a given "Standard Paradigm", and an alternative "Paradigmatic-Shift" phase in which the foundations of the "Old Standard Paradigm"

seem "inconsistent" of each other and there appear a series of "unexplained physical phenomena" which cannot be accounted for by the Old Standard Paradigm and therefore call for a "New Paradigm" that would be able to resolve the (apparent) "theoretical-inconsistency" between the "pillars" the Old Standard Paradigm, account for those "unexplained physical phenomena" and also predict new "Critical Prediction/s" which cannot be accounted for by the Old Standard Paradigm!

Precisely such a state of a "Paradigmatic-Crisis" existed in Theoretical Physics just prior to Einstein's famous 1905 "Annus-Mirabelus" year's discovery of (Special) Relativity Theory and its full acceptance in 1915 following the empirical validation of its unique "Critical Prediction" regarding Mercury's Perihelion's pathway's curvature (doubled value) caused by the Sun's curvature of the fabric of Space-Time around it! We now stand at the brink of precisely such a "Paradigmatic-Shift" in 21st Century Theoretical Physics with the discovery of the New "Computational Unified Field Theory" (CUFT)

called "G-d's Physics" Paradigm shown capable of resolving the apparent principle "theoretical-inconsistency" between Relativity Theory and Quantum Mechanics, alternatively explain the "unexplained phenomenon of "dark-matter" and "dark-energy" based on the discovery of a singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) which simultaneously computes all exhaustive spatial pixels in the universe at the unfathomable rate of " c^2/h " = 1.36^{50} sec'!

Perhaps most apparent is this basic "theoretical crisis" calling for an immediate "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" (CUFT) Paradigm based on the "glaring" theoretical inconsistencies and unexplained phenomena existing in the Old "Material-Causal" Paradigm which specifically comprise:

- a) An apparent "theoretical inconsistency" between Relativity Theory's (RT's) strict "Speed of Light Barrier" and Quantum Mechanics (QM's) "Quantum Entanglement" phenomenon indicating that it may be possible for two "entangled particles" to *instantaneously* affect each other's complimentary physical properties, thereby violating RT's strict theoretical constraint upon the transmission of any signal (or information) across space and time!
- b) An inability of the Old "Material-Causal" Paradigm to account for the accelerated expansion rate of the physical universe – assumed to be explained by the purely hypothetical concepts of "dark-matter" and "dark-energy" which are assumed to account for up to 95% of all the mass and energy in the universe, but which could not be detected empirically (despite numerous attempts to do so)!
- c) An inability to unify between the Four basic forces of Nature – specifically between the Gravitational Force (of General Relativity Theory) and the other three Quantum Forces (e.g., the Electromagnetic Force and the Strong and Weak Nuclear forces)! Once again this is a manifestation of the principle theoretical inability to unify between RT and QM as indicated by RT's conceptually "different" theoretical account of the Gravitational Force as derived from "massive objects" curvature of "Space-Time" (which, in turn, is assumed to "cause" or determine the "travelling-pathways" of those "massive objects" and other "less-massive" objects) as described by Einstein's Equations; and QM's "Standard Model" depicting and explaining the plethora of subatomic particles existing and specifically explicating the three other basic Forces (e.g., Electromagnetic Force and Strong and Weak Nuclear Forces) – as originating from the specific subatomic physical interactions of these subatomic particles. Metaphorically this apparent principle inability to unify between RT's Gravitational Force and QM's "Standard Model" could be likened to the principle inability to "unify" or "bridge" between "apples and oranges", representing two separate

and "different" entities which do not share any "common characteristics", thereby negating the very possibility of "unifying" them!?

2. "G-d's physics" new Twenty-first century's paradigm

In order to gain a clear theoretical understanding of the necessary "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" Paradigm let us briefly describe some of the key theoretical postulates of this New "G-d's Physics" Paradigm and the manner in which this New "G-d's Physics" Paradigm offers a new (exciting) explanation for all of the Old "Material-Causal" (abovementioned) apparent "theoretical inconsistencies" as well as identifies new unique "Critical Predictions" that differentiate it from the corresponding predictions of the Old "Material-Causal" Paradigm, thereby allowing for a clear empirical validation of this New "G-d's Physics" (CUFT) Paradigm as the new satisfactory Paradigm for 21st Century Theoretical Physics!

a) The "Universal Computational/Consciousness Principle"

According to the New "G-d's Physics" Paradigm, there exists a singular higher-ordered Universal Computational/Consciousness Principle (UCP) which *simultaneously* computes every exhaustive spatial pixel in the universe at the unfathomable rate of " c^2/h " = 1.36^{50} sec'(!) giving rise to an extremely rapid series of "Universal Frames" (UF's) comprising the entire physical universe at every such "minimal time-point", wherein "in-between" any two such consecutive UF's frames the entire physical universe "dissolves" back into the singularity of this UCP! This 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 "Framework" – "consistent" ("space") or "inconsistent" ("energy") and "Object" – "consistent" ("mass") or "inconsistent" ("time) physical features that continuously and simultaneously compute any exhaustive spatial pixel in the universe for each consecutive UF's frame/s! Another key new discovery made by the New "G-d's Physics" (CUFT) Paradigm is its insistence that this singular higher-ordered UCP *simultaneously computes* all of the exhaustive spatial pixels in the universe for each consecutive UF's frame/s at the incredible rate of " c^2/h " = 1.36^{50} sec'(!); and that "in-between" any two consecutive UF's frames the entire physical universe and all of its constituting exhaustive spatial pixels "dissolve" back into the singularity of this singular higher-ordered UCP!

b) "G-d's Physics" New "A-Causal Computation" Paradigm

Based on "G-d's Physics" New Paradigm's discovery that the singular higher-ordered UCP *simultaneously computes* all exhaustive spatial pixels comprising the

entire physical universe – for each consecutive UF's frame/s (and that "in-between" any two consecutive UF's frames the whole universe "dissolves" back into the singularity of the UCP), a new "A-Causal Computation" characterization of "G-d's Physics" New Paradigm is acknowledged: essentially, the simultaneity of the UCP's computation of all exhaustive spatial pixels (and their complete "dissolution" "in-between" any two consecutive UF's frame/s back into the UCP) means that there cannot exist any "material-causal" physical interaction between any two (or more) exhaustive spatial pixels existing either in the same- or different- UF's frames! Rather, the same singular UCP computes simultaneously all exhaustive spatial pixels comprising the entire physical universe – which implies that there cannot exist any Relativistic or Quantum "material-causal" physical relationships, interactions, or effects! This negated many of the Old "Material-Causal" (20th Century Physics) Paradigm's basic assumptions underlying both Relativity Theory and Quantum Mechanics, including: the "Big-Bang" Model, Einstein's Equations, discarding of the hypothetical "dark-matter" and "dark-energy" concepts etc.

c) The "Computational Invariance Principle" & "Universal Consciousness Reality"

Another key new theoretical postulate of the New "G-d's Physics" Paradigm is the "Computational Invariance Principle" which posits that since only the UCP exists – continuously and consistently both "during" each consecutive UF's frame/s – solely computing (simultaneously) all exhaustive spatial pixels' four basic physical features of "space" and "energy", "mass" and "time", and also singularly exists "in-between" any two consecutive UF's frame/s (without the presence of the physical universe), therefore the "Computational Invariance Principle" theoretical postulate asserts that only this singular UCP may be regarded as "computationally-invariant" existing uniformly and "consistently" – both "during" its computation of each consecutive UF's frame/s and also "in-between" any two consecutive UF's frame/s, whereas the four basic physical features being computed for all exhaustive spatial pixels in the universe may only be regarded as "computationally-variant", e.g., existing only "transiently" and "phenomenally" ("during" each consecutive UF's frame/s but "dissolving" "in-between" any two consecutive UF's frames)! This new (profound) realization of the "Computational Invariance Principle" of "G-d's Physics" New Paradigm is also associated with another new theoretical postulate termed: the "Universal Consciousness Reality" (UCR) which posits that since the whole physical universe (e.g., and all of its constituting exhaustive spatial pixels) is only regarded as "computationally-variant" – existing only "transiently" "during" each consecutive UF's frame/s but "dissolving" back into the singularity of the UCR, whereas the singular higher-ordered UCP is considered to be "computationally-invariant" (existing continuously and consistently both "during" each consecutive UF's frame/s

as computing each exhaustive spatial pixel's four basic physical features of "space" and "energy", "mass" and "time", as well as solely existing "in-between" any two consecutive UF's frames without the presence of any physical universe); therefore there only exists one singular "Universal Consciousness Reality" which exists consistently and continuously – manifesting as the phenomenal physical universe "during" its computation of every exhaustive spatial pixel of each consecutive UF's frame/s and existing without the presence of the physical universe, in-between any two consecutive UF's frames! Indeed, this new "Universal Consciousness Reality" carries with it a profound alteration of our basic perception and understanding of the physical universe – which ceases to exist as an "objective-independent" reality, and it transformed into the new theoretical understanding that (in truth) the entire physical universe only represents a "phenomenal, transient manifestation" of this singular UCR!

d) The "Universal computational formula"

Based on "G-d's Physics" (CUFT) New Paradigm's discovery of the Universal Computational/Consciousness Principle (UCP) and its simultaneous computation of all exhaustive spatial pixels comprising each consecutive UF's frame/s it also revealed the existence of an integrated simultaneous computation of all the four basic physical features of "space" and "energy", "mass" and "time" as computed based on two out of the three basic "Computational Dimensions" of the UCP (delineated further below and previously):

Universal computational formula (UCF)

$$\left. \begin{array}{c} \text{׳} \\ c^2 \\ - \\ h \end{array} \right\} = \frac{s * e}{t * m}$$

UF's {ד...׎...ג}

wherein the singular higher-ordered UCP – represented by the Hebrew letter "Yud" ("׳") simultaneously computes all exhaustive spatial pixels in the universe comprising each consecutive Universal Frame/s (UF's) which already exist in a "potential-from" within the UCP's "Supra Spatial-Temporal Reservoir" of all "past", "present" and multiple possible "future/s" UF's (represented by the Hebrew letters from "ג through "ד" to "ה") 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'!

e) The "Dynamic Equilibrium" Moral Principle & UCP's "Multi Spatial-Temporal Reservoir"

Another key theoretical postulate of this New "G-d's Physics" Paradigm is the discovery of the UCP's associated "Dynamic-Equilibrium" Moral Principle and its associated "Multi Spatial-Temporal Reservoir" bank of all "past", "present" and multiple possible "future/s" UF's frames based on the "Moral/Immoral Choices" of each Individual Human Being towards another human being; Essentially, due to the "inseparability" of all Individual Human Consciousness (human beings) from this singular higher-ordered "Universal Consciousness Principle" (UCP) the New "G-d's Physics" Paradigm asserts that there is a basic fundamental "Dynamic-Equilibrium" Moral Principle characterizing the operation of this UCP – such that any "immoral-imbalance" created by any "immoral choice" made by any Individual Human Consciousness towards another Individual Human Consciousness is "corrected" and "balanced" by the UCR in a manner in which that Individual Human Consciousness which chose to "inflict pain/suffering" upon another Individual Human Consciousness – the UCP is selecting one of multiple "possible future/s" UF's frame/s in which it will also have to experience the same (nature and degree) of pain/suffering that it inflicted upon the other Individual Human Consciousness in order that it learns and realizes the basic "unity" and "inseparability" of all Individual Human Consciousness from the singular higher-ordered UCP and honors and respects all other such Individual Human Consciousness (just as pointed out by the Alter-Rebbi, Rabbi Schneur-Zalman in his famous Tanya Book, chapter 32)! Additionally, according to this new "Dynamic-Equilibrium" Moral Principle, since the whole "purpose" of the UCP's associated "Dynamic-Equilibrium" Moral Principle is to "teach", "correct" or "balance" any "immoral-choice/s" of any Individual Human Consciousness so that that Individual Human Consciousness acknowledges and "realizes" its "unity" with the UCP and inseparability from all other Individual Human Consciousness – so that it could not and would not consider or execute any "immoral-choice/s" toward any other Individual Human Consciousness, therefore there is another possibility carved out by the singular higher-ordered UCP of "teshuva" – e.g., repentance, a sincere regret relating to the "immoral choice" and a conscious decision not to repeat it in the future – which "circumvents" and replaces the need of that Individual Human Consciousness to experience itself the abovementioned "negative future" that is equivalent to its own "wrongdoing"... Finally, this "Dynamic-Equilibrium" Moral Principle may be seen as part of the overall "Goal" of the UCP's constant and continuous origination- sustenance- "dissolution" and evolution- of the entire physical universe – which is to bring the World towards its "Perfected- Geula" State of Moral, Spiritual and even Physical Perfection, in which the oneness and integrity of all creation as part of the singularity of the UCP will be realized and acknowledged by Humanity,

see next "Reversed-Time Goal Hypothesis" theoretical postulate;

f) The UCR's "Expansive Consciousness Spectrum Hypothesis" & "Reversed-Time Goal Hypothesis"

Another two profound and key theoretical postulates of the New "G-d's Physics" Paradigm are: the UCR's – "Expansive Consciousness Spectrum Hypothesis" & "Reversed-Time Goal Hypothesis"; the "UCR's Expansive Consciousness Spectrum Hypothesis" stipulates that as part of the UCP/UCR's ultimate Goal of driving the world (and entire universe) towards a "Perfected State" – called "Geula" in Jewish Tradition in which the oneness and unity of all creation as integral parts of the singular higher-ordered UCP/UCR will be recognized by Humanity; the UCR computes- ", "dissolves", "re-computes"- and evolves- the forms manifested by this singular UCP/UCR from "inanimate" matter (e.g., subatomic particles and the entire macroscopic universe) through "animate" forms of plants, then animals then human-beings – which represents the most "expansive" form of Consciousness; and ultimately leads this much "refined" and more "Expansive" form of Human Consciousness towards its ultimate "expanded" manifestations of this singular Universal Consciousness Reality which are expressed in the "expanded form of Individual Human Consciousness" (previously delineated) in which Individual Human Consciousness "expands" to a state in which it is "not separate" and functions in "unity" with the Universal Consciousness Reality (e.g., sometimes related to as states of "Prophecy" such as with Moses!); Another manifestation of this expansion of Individual Human Consciousness occurs also in "special times" and states of "Collective Human Consciousness Focus (Hypothesis)" (also delineated below and previously) – such as during the Jewish "Rosh-Hashana" (New Year) time-interval in which Millions of Jews (all over the world) collectively focus on- and pray to- this singular higher-ordered "Universal Consciousness Reality", i.e., "G-d"! As published and delineated previously, this New "G-d's Physics" profound expansive new perspective on the development and evolution of the entire cosmos – including its "inanimate" manifestations of all material compositions, e.g., including the relativistic accelerated expansion of the physical universe as well as all subatomic (quantum) particles, forces and phenomena, all "animate" forms of "plants", "animals" and "human-beings" brings about an entirely new and integrated view on the origination- and evolution- of the physical universe and all biological forms – not as "caused" by any "random" Big-Bang nuclear explosion but as driven and computed by the singular higher-ordered UCR whose sole Goal is to bring the entire physical universe and our own world towards the State of "Geula" Perfection (Morally, Spiritually and Physically); Indeed, the additional "Reversed-Time Goal Hypothesis" theoretical postulate posits that the entire origination of the entire physical universe continuous and constant

computation by the UCP (simultaneously) of all exhaustive spatial pixels in the universe for every consecutive UF's frame/s from its onset- in the "first" UF frame and until this date and onwards until the UCP/UCR brings the universe into its ultimate "Goal" of a Perfected: Morally, Spiritually and Physically State; This "Reversed-Time Goal Hypothesis" simply posits that the entire origination- sustenance and evolution of the entire physical universe – is driven by its drive to bring the world towards its ultimate Perfected "Geula" State of Moral, Spiritual and even Physical Perfection (e.g., in which there will not be any longer "death!"); a State in which all Human Being will recognize and realize the oneness of all creation with this singular higher-ordered Universal Consciousness Reality (UCR), and therefore there could not exist any longer any such "negative" phenomena of "violence", "aggression", "crimes" or "immoral behavior", and on the contrary Humanity's (and Science's) ultimate recognition of the singular higher-ordered UCR as the sole reality that drives and sustains the entire universe will lead to an attitude of "reverence", "gratitude" and "studying" of this "All-Goodness", "Divine" "Universal Consciousness Reality" ("G-d"!), as anticipated by the great Jewish Sage and Teacher, Maimonides (in his monumental "Mishna-Torah" masterpiece).

Twenty-First Century Theoretical Physics is undergoing a profound "Paradigmatic-Shift" from the Old "Material-Causal" Paradigm to the New "G-d's Physics" ("Computational Unified Field Theory", CUFT)

1. "G-d's Physics" "A-Causal Computation" Paradigm's Revision of Relativistic & Quantum Physics

It is important to note that the New "G-d's Physics" Paradigm completely revises the Old "Material-Causal" Paradigm of 20th century Physics, e.g., underlying both Relativity Theory (RT) and Quantum Mechanics (QM): This is because the basic assumption underlying the Old "Material-Causal" Paradigm wherein it is assumed that any "physical phenomenon" – e.g., be it any "Space-Time", "energy-mass" Relativistic phenomenon (or object), or any "energy-space", "time-mass" ("collapsed probability wave-function" single complimentary) value of any subatomic "target" particle; is that any such Relativistic or

2. The New "Ten-Hierarchical Manifestation Laws' Universal Computational Formula (THML-UCF)

Hence, based on the discovery and acceptance of the New "G-d's Physics" Paradigm as the New Paradigm for 21st century Theoretical Physics, e.g., replacing and embedding the Old "Material-Causal" Paradigm as a "special-case" within the broader and more exhaustive New "G-d's Physics" Paradigm; and based on "G-d's Physics" discovery of the "Ten Laws of Hierarchical Manifestation" which delineate in what manner does this singular higher-ordered "Universal Computational/Consciousness Principle" (UCP) carries out the actual simultaneous computation- "dissolution"-

re-computation- and evolution- of every exhaustive spatial pixel in the universe for each consecutive UF's frame/s (comprising the entire physical universe at every consecutive minimal time-point); "G-d's Physics" now advances our basic understanding of how this singular higher-ordered Universal Consciousness Principle (UCP) transpires through its associated "Ten-Laws of Manifestation" the continuous creation- "dissolution", re-computation and evolution of the entire physical universe so many Billions of times per second:

But, perhaps to better understand this complex integrative process of the UCP's simultaneous computation of all exhaustive spatial pixels comprising the entire physical universe for each consecutive UF's frame/s based on its Ten Laws of Hierarchical Manifestation let's begin describing these Ten Dimensions of Hierarchical Manifestation from the perspective of this singular higher-ordered UCP:

a) UCP's "Free-Will /Wisdom" Hierarchical Dimension ("ח" :חכמה)

We begin our description of the "Universal Computational/Consciousness Principle" (UCP) with the UCP's initial "Free-Will/Wisdom Dimension"; The UCP's initial "Free-Will/Wisdom" Hierarchical Dimension represented by the Hebrew Letter "ח" which stands for "חכמה" (Wisdom) signifies the UCP's Free-Will and wish to create a Universe in which there will exist Human-Beings that are capable of studying, recognizing and performing certain actions and deeds that will manifest their acknowledgement, recognition and gratitude towards this singular higher-ordered Universal Consciousness Reality; We see that the initial "Free-Will" wish of this singular higher-ordered "UCP" is to create a universe in which there will exist a world in which Human-Beings, e.g., possessing the most "expansive" form of Consciousness capable of recognizing the sole existence of this singular higher-ordered "Universal Consciousness Reality" (UCR), or "G-d" is indeed the UCP's own intrinsic "Free-Will", "Wisdom" of how it wishes to create and manifest an apparently "independent" world in which the singularity of the sole existence of this UCP will not be apparent, but in which Human-Beings also possessing a certain manifestation of "Free-Will Moral Choice" will be created, sustained and evolved! In a sense, this initial "Free-Will/Wisdom" Hierarchical Dimension" of the UCP represents the first "chain" in the UCP's Infinity begins manifesting a "Free-Will" and "Infinite Wisdom" desire of this singular higher-ordered "Universal Consciousness Reality" (UCR or UCP) to create a world for the purpose of manifesting the most expansive form of Human Consciousness that will be able to recognize, acknowledge and revere this singular higher-ordered UCR!

b) UCP's "Good-Will/Computation" Hierarchical Dimension ("ב" :בינה)

The second UCP's Hierarchical Dimension stemming from the first "Free-Will/Wisdom" Dimension is "Good-Will/Computation" which signifies the UCP's more

detailed computational conception of the "Good-Will" desire to create the entire physical universe – as apparently "separate" or seemingly "independent" of the singular existent reality of the "Universal Consciousness Reality", for the betterment of all forms of Life and their eventual realization of their "Oneness" and "Inseparability" from this "All-Goodness" singular "Universal Consciousness Reality" (UCR)! This secondary "Good-Will/Computation" Dimension represents the UCP's beginning of conception of an apparently "independent" (or apparently "separate") physical universe which will enable the fulfillment of the UCP's primary (first abovementioned) "Free-Will/Wisdom" motivation to create a world in which Human-Beings could recognize, acknowledge and revere the singularity of this UCR, by beginning to conceive of- of "compute"- the general framework of an apparently "independent" or "separate" physical universe, in which the whole of Life could "evolve"; It may indeed be helpful to utilize some of the fine concepts and Wisdom found in Jewish Tradition ("Chassidic-Kabbalah") teachings describing this Divine process of manifesting the physical universe as an apparently "independent" or "separate" entity from the sole reality of "G-d", because it possesses much fundamental similarities to the discoveries made by the New "G-d's Physics" ("Computational Unified Field Theory", CUFT) in this regards, i.e., of the UCP's Ten Hierarchical-Dimensions of Manifestation: According to Jewish Chassidic Thought, a metaphor is given of the manner in which a human-being conceives of a certain "new idea" and eventually manifests it in actuality! The initial conception of the basic "idea" seems to arise out of a "spark of Intuition" – it comes from "above" (from "Infinity") and contains all of the elements of this idea, but (initially) in a "seed" format, i.e., not yet fully developed. This initial stage of receiving a "spark-seed" of Intuition from "above" ("Infinity") containing a lot of "wisdom" (but not yet fully elaborated) is termed: "Wisdom"; This Chassidic Metaphor is used to "hint" at the Divine initial conception of a World – which emanates from the Infinite Power of "G-d", which correlates to our first "Free-Will/Wisdom" Hierarchical Dimension! It signifies the UCP's initial conception, e.g., in a "seed-format" of the possibility of creating an apparently "separate" or "independent" universe – from the complete "Oneness" or "Unity" of this singular UCR/UCP! Indeed, the Chassidic Thought utilizes a Metaphor of the "Infinite-Light" of "G-d" which – "before" its conception of the possibility of the existence of an apparently "separate" or "independent" physical universe "filled" all of existence, necessitating a "removal" of this "Infinite-Light" in order to "create" such an apparently "separate-independent" physical universe! So, we see that according to this "Jewish-Chassidic" conception "G-d" had to "remove" the "All-Pervasiveness" of His "Infinite-Light", in order to allow for his creation of apparently "separate-independent" "creatures", "Life" and "Universe" – e.g., in effect "minimizing" and "defining" from this "Infinite-Light" a

"materialized-form" of the conception of the physical universe! Then, the "Chassidic" Metaphor continues to describe the manner in which a human-being that received such an initial "spark of Intuition" would go on to try and "materialize" it – by passing this initial "Wisdom-spark" (seed) idea to a secondary phase of "developing" this "spark-idea" into a more detailed "plan" comprising of all of the details of this great new "spark-idea"; this secondary phase is called in "Chassidic-Kabbalah" : "Bina" (בינה) and it may correlate to the concept of "computing" or "planning" in details the manner in which the initial Wisdom "spark-idea" may be translated into an actual plan of operation!

How is this "Chassidic-Kabbalah" Metaphor helpful for us to better understand the UCP's/UCR's "Ten Hierarchical-Dimensions of Manifestation"? Well, simply because, in a sense, the UCP's initial conception of the physical universe stems from its "Free-Will/Wisdom" capacity to conceive of the possibility of such a "separate" of "independent" apparent reality of the universe from the singular reality of the UCP/UCR; and similarly, the UCP's secondary "Good-Will/Computation" Hierarchical Dimension, in which the UCP/UCR "computes" the general framework of a "physical universe" which is apparently "material" and which possesses the conception of the four basic "computational physical features" of "space", "energy", "mass" and "time" which would enable the manifestation of various forms of "inanimate" and "animate" that would allow for the appearance of human-beings capable of recognizing and revering this singular UCR; is strikingly similar to the above mentioned Chassidic Metaphor;

c) The UCP's "Reversed-Time Geula-Goal" Hierarchical Dimension" ("דעת: ג'):)

The UCP's third Hierarchical-Dimension is its "Reversed-Time Geula-Goal" which essentially states that following the UCP's "Free-Will/Wisdom" (ט) wish to create a physical universe that would allow the manifestation of human-beings capable of recognizing, realizing and revering the singular higher-ordered UCP/UCR; and its further development of this initial idea into a more detailed (secondary) "Good-Will/Computation" (צ) plan for the computation (creation) of an apparently "independent-separate" physical universe that does not (initially) manifest the underlying "Oneness" and "Unity" of the UCR underlying- and comprising the entire physical universe; this third "Reversed-Time Geula-Goal" Hierarchical Dimension advances the UCP's desire to create such an apparently "material-physical" universe – concretely in order to reach the "Ultimate-Geula Goal" of manifesting a "Morally, Spiritually and Physically Perfected" State of the universe in which there will exist human-beings and Humanity that will fully recognize the singular existence of this higher-ordered "Universal Consciousness Reality", e.g., "G-d"! study, revere and act out of a sense of gratitude and recognition of the basic Unity, Peace,

Harmony and Morality of this singular UCR, "G-d" Reality! Quite strikingly, this third "Reversed-Time Geula-Goal" Hierarchical Dimension conceives of the entire apparent "physical development" of the universe and all of its various forms of "inanimate" and "animate" forms – from the "end-point" Ultimate-"Geula" Goal "backwards" to its computation of all of the "Universal-Frames" (UF's) comprising the entire physical universe computed at each minimal-time-point (e.g., " $c^2/h = 1.36^{50}$ sec') of all "past", "present" and "future" UF's frames of the universe! What's amazing is that contrary to the Old "Material-Causal" Paradigm of 20th century Physics' Relativistic and Quantum Models which assumed that the development of the entire physical universe is the result of mere "random-physical" interactions, e.g., such as the previously assumed initial "random" "Big-Bang" nuclear event that was assumed to have created all of the suns, galaxies, space, time, mass and energy in the universe; and similarly Darwin's assumed "random" "Natural Selection Principle" assuming that the development of all the Biological Forms of Life evolved merely based on direct ("random") physical interactions between certain "cosmic-rays" with particular "genetic material" of specific organism/s which "caused" certain "genetic-mutations" (in those particular organisms), which coupled with another "chance" changes in the particular "Environmental-Factors" enabled only those "genetically-mutated" organism/s to "survive" and consequently "pass-on" their genetically mutated information to an "evolved-specie"?! The New "G-d's Physics" Paradigm's current (and prior) delineation of the UCP's (third) "Reversed-Time Geula-Goal" Hierarchical Dimension stipulates that the whole creation-sustenance- and evolution- of the entire physical universe, e.g., including all of its "inanimate" material forms and all of its "animate": plants, animals, human-beings – leading up to the most "evolved" "Geula State" of Humanity (and Science) were all "pre-conceived" and "planned" by the singular higher-ordered UCR based on its initial (first) "Free-Choice/Wisdom" desire to create a universe in which human-beings would reach that "Ultimate-Geula" Morally, Spiritually and Physically Perfected State! In this sense, the third "Reversed-Time Geula-Goal" Hierarchical Dimension represents the first "blue-print" of the UCP's entire development of the physical universe and all of its "inanimate", "animate": plants, animals, and human-beings, leading up to the "Ultimate-Geula State" of fulfilling the UCP's wish to create a world in which human-beings possessing the most "expansive" form of Consciousness will be able to recognize, revere and act in accordance with the discovered singularity of this higher-ordered Universal Consciousness Reality! This third "Reversed-Time Geula-Goal" Hierarchical Dimension correlates with the Chassidic notion of "Knowledge", or "Daat" is Henrew ("דעת": represented by the Hebrew Letter "ד"), since it connotes in which manner does the UCP's principle aim of creating an apparently "separate" or "independent" physical universe in which human-beings (and Humanity as a whole!) would recognize and revere the singular

higher-ordered "All-Goodness", "Moral", "Oneness" of this UCR- could materialize such ever-more "expansive" forms of this singular "Universal Consciousness Reality" (UCR); i.e., through this (third) UCP's "Reversed-Time Geula-Goal" plan for the execution of the UCP's "Ultimate-Geula Goal" through the manifestation of ever more "expansive" forms of Consciousness: inanimate, animate: plants, animals and human-beings, leading to the ultimate recognition of Humanity (and Science) in this singular higher-ordered UCR and leading a Morally, Spiritually and Physically Perfected life and existence!

d) The UCP's "Dynamic-Equilibrium Moral Principle"/"Chessed" ("ח" : "חסד")

The fourth Hierarchical Dimension if the UCP is its "Dynamic-Equilibrium Moral Principle" signifies the UCP's basic intrinsic characteristic of "Oneness", "Unity" and "Morality" – which manifests through its innate drive to "balance" any "Moral-Imbalance" created by any "immoral" "free-choice" chosen by any Individual human-being towards another human-being (e.g., all of these "Ten Laws of Hierarchical Manifestation" were previously delineated); This is because based on the fundamental "Unity", "Oneness" and "Harmony" that characterizes the singular higher-ordered UCR – and the "inseparability" of each "Individual Human Consciousness" from this singular integrated UCR, the UCP's/UCR's "Dynamic-Equilibrium Moral Principle" stipulates that whenever any such "Individual Human Consciousness" (human-being) opts to choose an "immoral action" towards another "Individual Human Consciousness" (human-being), e.g., inflicting "pain" or "suffering" upon another human-being ("G-d" forbid), then this brings about an "automatic response" of the UCR to "balance" such "moral-imbalance" by having the first human-being that "inflicted pain/suffering" upon the second human-being to experience the same degree of "pain/suffering" that the second human-being had to experience; in order for the first human-being to learn that (in truth) all human-beings (and in fact all other forms of life) "inseparable" from the singular "Oneness", "Morality", "Peace" and "Harmony" of this singular higher-ordered UCR, and consequently that all human-beings should respect and assist other human-beings to lead a "Morally Perfected Geula State" life and existence! It is important to note that this same basic "Dynamic-Equilibrium Moral Principle" also operates in the "positive" direction, i.e., remunerating each Individual Human Consciousness (human-being) with "equivalent-positive rewards" for any "positive-moral choice" it may perform for the benefit of any other human-being!

This Fourth "Dynamic-Equilibrium" Moral Principle is represented by the Hebrew Letter "ח" which stands for "Chessed" ("חסד") e.g., which may be (somewhat) translated as "Compassion" because it signifies the UCR's "Compassion" towards all human-beings, allowing them and in fact "urging" them to recognize the underlying "Unity" and "Morality" standing at the basis

of this singular higher-ordered "Universal Consciousness Reality" (UCR) – through the operation of this "moral-balancing" "Dynamic-Equilibrium Moral Principle"! In other words, this fourth "UCP's Dynamic-Equilibrium Moral Principle" allows human-beings to "correct" any "immoral-behavior" and to be part of the UCR's basic underlying "Oneness", "Unity" and "Morality" – and fundamental drive to fulfill the Ultimate "Geula-Goal" directed universe to reach that "Perfect Moral, Spiritual and Physical State" of "Geula" in which all of Humanity will recognize the "Oneness", "Unity", "Peace" and "Harmony" of the singular higher-ordered UCR, "G-d" Reality! In a sense, it may be said that the UCP's fourth "Dynamic-Equilibrium Moral Principle/Chessed" is the UCP's "built-in mechanism" allowing every human-being to "grow" and "expand" its Human Consciousness to recognize the "Oneness" of the UCP/UCR and to uplift Humanity (as a whole) towards the Ultimate Perfected "Geula-Goal"!

e) The UCP's "Multi Spatial-Temporal Reservoir" / "Justice" ("גבורה" : "ג")

The next UCP's Hierarchical Dimension is called: the UCP's "Multi Spatial-Temporal Reservoir/Justice" represented by the Hebrew Letter "ג" and signifies the UCP's measured and computed Multi Spatial-Temporal Reservoir of all past- present- and multiple possible "future/s" for each Individual Human Consciousness (human-being) based on its own "moral"/"immoral-choices" at each minimal time-point towards any other human-being! Indeed, based on the abovementioned "Dynamic-Equilibrium Moral Principle" the UCP computes for each consecutive UF's frame/s and for each human-being one of multiple possible future/s, e.g., "correcting" any "moral-imbalance" created by any "immoral-choice" made by any particular human-being (i.e., allowing any particular human-being that G-d forbid inflicted "pain/suffering" upon another human-being to experience the same degree of pain/suffering in order to learn that it is, in reality "separate" from the singular higher-ordered UCR, which includes all human-beings, animals, plants etc.), and also remunerating any "good/moral" action made by any individual human-being towards another human-being with an equivalent "reward" for his/her good action/s! Hence, this fifth "Multi Spatial-Temporal Reservoir /Justice" ("ג") UCP's Hierarchical Dimension "sets in motion" the UCP's computation of the selected – one of multiple possible future/s all encompassed within the UCP's "Multi Spatial-temporal Reservoir", thereby allowing all human-beings and in fact the whole of Humanity to advance towards the Perfected Ultimate "Geula-Goal"! It represents a "Justice" (גבורה) represented by the Hebrew Letter "ג" – for each individual human-being, as well as for the whole of Humanity, as it measures, computes and outputs the precise and specific (single) future for each human-being that is necessary in order to either "correct" any "immoral action/s" or to remunerate for any "good-moral" action performed by any human-being at each consecutive UF's frame/s (thereby advancing each

individual human-being as well as Humanity as a whole towards the Geula-Goal), e.g., for each consecutive UF's frame/s!

f) The UCP's Jewish Rosh-Hashana New Year Non-Continuous Accelerated Expansion of the Universe" / "Glory" ("תפארת" : "ה")

The sixth UCP's Hierarchical Dimension is called: the "Jewish Rosh-Hashana New Year Non-Continuous Accelerated Expansion of the Universe"/"Glory" (תפארת) signified by the Hebrew Letter "ה", and it relates to the UCP's actual computation of the entire physical universe for each consecutive Jewish Year, whereby the UCP prepares and arranges the actual series of UF's for the entire physical universe for each consecutive Jewish Year! It stems from one of the theoretical postulates of the New "G-d's Physics" Paradigm called: the "Collective Human Consciousness Focus" postulating that whenever a large group of human-beings focuses on this singular higher-ordered UCP/UCR – such as at the Jewish "Rosh-Hashana" New Year wherein Millions of Jews all around the world pray and focus on this singular higher-ordered UCR, "G-d"! this singular higher-ordered UCR consequently instigates a computation of the entire New (Jewish) Year that takes into account all of the above mentioned UCP's Hierarchical Dimensions which are geared towards advancing the entire world (and universe) towards the Geula-Goal Perfected State, i.e., including all of the selected "single future" (out of the multiple possible future/s contained in the UCP's "Supra Spatial-Temporal Reservoir") for each consecutive UF's frame/s throughout the subsequent Jew New Year's time-interval – computed for each individual human-being! Obviously, it is impossible to "conceive" of the complexity and "infinity" of this singular higher-ordered UCP/UCR having to compute for each individual human-being each subsequent UF's frame/s' precise "single-future" based on its multifarious "moral-action/s" performed towards any other human-being – simultaneously for all human-beings and for all exhaustive spatial pixels in the universe; computed in advance for the entire Jewish Year! Indeed, the very recognition of the Infinite Wisdom of this singular higher-ordered UCP/UCR is in an of itself a representation of the "Glory" of this singular UCR, i.e., "G-d"! It also hints at the "special role" of human-beings that are praying at the Jewish Rosh Hashana Jewish New Year towards this singular higher UCR/"G-d" Reality asking for "forgiveness" and desiring to act in "moral" ways and fulfill "G-d's" Ultimate "Geula-Goal" State of the World... This is because it is not "by chance" but rather by "Personal Providence" of the UCR that it is precisely "during" this Jewish Rosh-Hashana (New Year) two days' time-interval, in which Millions of Jews pray and ask for "forgiveness" from this singular higher-ordered UCR (as well as from each other!) that the UCP/UCR computes "in advance" the entire "bulk" of the series of UF's frames for the entire subsequent New Jewish Year for each individual human-being; because it indicates that the manner in which the UCR/UCP

computes and evolves each consecutive UF's frames (throughout the entire New Jewish Year) – critically depends upon the "teshuva", i.e., asking for forgiveness by each individual human-being from any person upon which that individual human-being may have "inflicted pain/suffering", feeling of regret for any such "wrong-doing", and making a sincere resolute decision not to repeat such "immoral action/s", out of prayer to this singular higher ordered UCR; which influences greatly this singular higher-ordered UCR in its computation of the entire series of UF's for the entire subsequent year! In other words, this sixth "Jewish Rosh-Hashana New Year's Non-Continuous Expansion of the Universe"/"Glory" Hierarchical Dimension indicates that the UCR's continuous computation- dissolution- re-computation and evolution of every exhaustive spatial pixel in the universe for each consecutive UF's frame/s – is critically performed "in advance" for an entire New Jewish Year (at the Jewish Rosh-Hashana New Year two days special time-interval), in close connection and relationship with the Jewish People's Collective Human Consciousness Focus on this singular higher-ordered UCR – and specifically through their Glorification of this singular "G-d" Reality and their "teshuva" asking for forgiveness and resolute moral decision not to repeat any "wrong-doing" in the future! It is indeed a striking and amazing fact that the accelerated expansion of the universe is predicted by this New "G-d's Physics" Paradigm to advance in "non-continuous leaps" –Focus", which indicates that the "teshuva" of human-beings makes a big difference in the universe's evolution – as it constitutes an essential and critical component of the UCR's principle drive to advance the world and Humanity towards its Ultimate "Perfected Moral Geula State"!

g) The "UCP's Computed Potential Object" / "Eternity" ("נצח" : "נ")

The seventh UCP's Hierarchical Dimension is called "the UCP's Computed Potential Object" which relates to the UCP's computation of each specific consecutive UF's frame/s for each individual human-being! It signifies the UCP's incessant and continuous drive to "perfect" the world and bring the universe – and specifically each individual human-being back into "moral-balance", and a growing awareness of the Oneness of all of Humanity (and in fact all of Life, and the entire universe) as integral and "inseparable" elements of this singular "Universal Consciousness Reality" (UCR), and to assist the universe (as a whole) to advance towards the Ultimate "Geula-Goal" State of Perfection and realization of the singularity of this UCR; In this seventh Hierarchical Dimension the UCP assimilates and computes the entirety of all preceding Hierarchical Dimensions in order to produce an integrated Universal Frame/s (e.g., per each consecutive UF's frame) that best integrates all necessary "moral-balancing" as well as evolve all of the universe's comprising inanimate, animate: plants, animals and human-beings together towards this Ultimately desired "Geula-State"! The

emphasis is that this seventh "UCP's Computed Potential UF's"/"Eternity" ("נצח") represented by the Hebrew Letter "נ" begins to materialize each consecutive UF's frame/s in actuality taking into account all of the UCP's comprehensive and integrated knowledge of all past-present- and multiple possible future/s for each individual human-beings, their particular interrelationships (e.g., based on the Dynamic-Equilibrium Moral Principle which "balances" any "moral-imbalance" (involving the UCP's computation of any two- or more- individual human-beings in which one individual human being may have inflicted "pain/suffering" upon another human-being resulting in the UCP's Dynamic-Equilibrium Principle's setting of an "equivalent situation" in which that individual human-being that inflicted "pain/suffering" upon the other human being would have to experience himself/herself the same degree of pain/suffering in order to learn not to repeat such negative actions).It is referred to in the Jewish Chassidic Thought as "Eternity" or as "Triumph" (נצח) since within it the UCP both drives the entire universe towards its "Eternal Goal Geula Perfection" of the world, and since this singular higher-ordered UCP/UCR "Triumphs" over any temporal "moral-imbalance" or any apparent "set-backs" in the UCR's "Reversed-Time Geula-Goal" plan for bringing the universe towards its Perfected Geula State!

h) The "UCP's Teshuva" Hierarchical Dimension" / "Magnanimity" ("הוד" : "ה")

The eighth UCP's Hierarchical "Teshuva" Dimension represented by the Hebrew Letter "ה" which stands for "Magnanimity"!; it stands for the opportunity given by this singular UCR to each individual human-being to make a complete "repentance", or "teshuva" in the Jewish-Chassidic Tradition, i.e., a sincere sense of regret for any "wrong-doing" or any "immoral action" taken by any particular individual human-being towards another given human-being and conscious resolute decision not to repeat such wrongdoing, coupled with asking for forgiveness both from the person being offended and from "G-d"; The importance of this eighth Hierarchical Dimension is that allows for a "revision" and "avoidance" of the person inflicting pain/suffering from experiencing the same degree of pain/suffering that the other person experienced – by making such a sincere "Teshuva"! It is also called "Magnanimity" in the Jewish-Chassidic Tradition since it portrays the possibility of an "unexpected change" in the behavior of any given individual human-being, e.g., "transforming himself/herself into a better human-being", and acting in accordance with the Divine Moral Law, which itself is a pure manifestation of "Magnanimity"! Importantly, this eighth Hierarchical Dimension represents the first explicit Dimension which allows for Individual Human Consciousness to directly affect, interact, and "implore" that singular higher-ordered UCR/UCP's computation of the actual manifested UF frame's creation of one specific "future" – out of multiple possible "future/s" based on such a conscious sincere "Teshuva" choice, e.g., thereby

also indicating the critical importance of any individual human-choice (and Humanity more generally) in the UCR's advancement of its Ultimate Geula-Goal plan!

i) The "UCP's Actual Computed Object" / "Foundation" ("יסוד" : "י")

The ninth UCP's Hierarchical Dimension portrays the UCP's actually computed Universal-Frame (UF), e.g., each time for a consecutive (minimal time-point: " $c^2/h = 1.36^{-50}$ sec") – which assimilates and accumulates all of the previous (higher-ordered) UCP's Hierarchical Dimensions in order to form the Foundation for the ongoing "creation" of the particular four basic physical features for each individual human-being, as well as for all other inanimate, and animate: plants, animals etc. forms of Consciousness! In particular, it allows for the "correction" and "modification" of the already planned seventh (abovementioned) higher-ordered Hierarchical Dimension of "UCP's Computed Potential Object" / "Eternity" ("נצח" : "נ") based on any executed sincere "teshuva" that any given individual human-being performs relative to his or her "wrongdoing/s" towards another human-being (coupled with the abovementioned deep sense of "regret" and asking for "forgiveness" from the offended individual as well as prayer and asking for forgiveness from the singular higher-ordered "G-d" reality)... In other words, to the extent that any particular individual human-being makes a sincere and resolute "teshuva" decision (e.g., both towards the offended person and towards "G-d", asking for forgiveness and making a conscious moral choice not to repeat any such "wrongdoing"), then the UCP's ninth "Actual Computed" / "Object"/"Foundation" ("יסוד" ("י" "יוד")) would alter the previously computed seventh Hierarchical Dimension's "UCP's Computed Potential Object" based on this sincere "teshuva" corrected "moral choice"! Particularly, this ninth "Foundation" Hierarchical Dimension assimilates and accumulates all of the previous higher-ordered UCP's computations and considerations for its computation of "two" – out of the four basic physical features: i.e., the "Object's" – "mass" and "time" features, which represents the UCP's computation of "Object" – "consistent" ("mass") and "inconsistent" ("time") combinations of two (out of three) UCP's Computational Dimensions (as previously delineated): according to the New "G-d's Physics" (CUFT) Paradigm the UCP possesses Three Computational Dimensions: "Framework" (frame/object), "Consistency" (consistent/inconsistent) and "Locus" ("global"/"local"); with the two first Computational Dimensions of "Framework" and "Consistency" producing the four basic physical features of "space" and "energy", "mass" and "time" stemming from the four basic computational combinations of the UCP's "Object" – "consistent" ("mass") and "inconsistent" ("time"), and "Frame" – "consistent" ("space") or "inconsistent" ("energy") apparently physical features. In other words, this ninth "UCP's Actual Computed Object" Hierarchical Dimension is where two out of the four basic physical

features – relating to any given "Object's" internal composition's "mass" ("Object-consistent") and "time" ("Object-inconsistent") computation is executed, thereby preparing the physical manifestation of all human-beings (as well as all other inanimate and animate" plants and animals) to appear as apparently "physical objects" in the universe... It is termed as the "Foundation" in Jewish-Chassidic Thought because it serves as the "foundations" for the tenth (subsequent) "Universal Computational Formula's Manifested UF's"!

j) The "UCP's Universal Computational Formula's Manifested UF's Frames"! / "Kingdome" : "מ" ("מלכות")

The tenth "all-consummating" Hierarchical Dimension of the UCP is termed: the UCP's Universal Computational Formula's Manifested UF's Frame/s/ Kingdome" ("מלכות") represented by the Hebrew Letter "מ", in which the actual entirety of the physical universe – for each consecutive UF's frame/s is computed, e.g., appearing as the creation of an apparently "physical" universe for each consecutive (e.g., "minimal time-point" , " $c^2/h = 1.36^{-50}$ sec)! It is based on the full "Universal Computational Formula" which incorporates- and relies on- the nine previous (higher-ordered) UCP's Hierarchical Dimensions and it computes for each exhaustive spatial pixel comprising the universe its *four* basic physical features – including the two additional "Frame-consistent" ("space") and "Frame-inconsistent" ("energy") basic physical features, e.g., in addition to the two "Object"-consistent ("mass") and "inconsistent" ("time") physical features computed in the previous ninth hierarchical Dimension which only related to the Object's internal composition, but not to its overall positioning and interaction/s with all other exhaustive spatial pixels comprising the entirety of the physical universe! It therefore represents the full manifestation of the singular higher-ordered UCR's (continuous simultaneous) creation of the physical universe – as a mere "transient-phenomenal" manifestation of this singular and sole reality of the "Universal Consciousness Reality"! The profound realization that the entire physical universe merely represents a "transient-phenomenal" manifestation of this singular, sole higher-ordered reality of the Universal Consciousness Reality (UCR) was evinced by two of the most profound new Theoretical Postulates discovered by the New "G-d's Physics" Paradigm, i.e.,: the "Computational Invariance Principle" and closely associated "Universal Consciousness Reality" (UCR)! In this regards, the Tenth "all-consuming" and "exhaustive" Hierarchical Dimension of the UCP's Universal Computational Formula's Manifested UF's Frame/s/ Kingdome" ("מלכות") signifies the manner in which the UCP continuously creates the physical universe – simultaneously computing every exhaustive spatial pixel in the universe at the unfathomable rate of " $c^2/h = 1.36^{-50}$ (sec); It is termed as : "מלכות" ("מ") or "Kingdom" in the Jewish-Chassidic Tradition, because it signifies the fulfillment of the UCR's , i.e., "G-d's" initial and primary

(first) Hierarchical Dimension of "Free-Will/Wisdom" ("הכמה") wish and Wisdom to create a world (and universe) in which the singularity of the higher-ordered UCR, "G-d"! will manifest – despite the apparent "separation" of the apparently physical-material universe from the singularity of this UCR! In Chassidic terms this would be termed as the "King's" desire to create a world that appears "separate" from It – so that all of the creatures, animals, plants, and especially human-beings will discover, recognize, revere and worship Him! Indeed, according to the New "G-d's Physics" Paradigm, the Ultimate "Geula-Goal" of this singular higher-ordered UCR is for all human-beings and Humanity in general to recognize and realize the sole reality of the UCR underlying the entire physical universe, e.g., including all apparently "material" or "independent" (inanimate and animate: plants, animals and human-beings), and live according to the fundamental "laws" of this singular higher-ordered UCR, i.e., leading a "Moral", "Peaceful", "Harmonious" life which equates to the desired "Geula-Perfected State" of the world and universe! It is also paramount to emphasize that the UCP's or UCR's actual manifestation and continuous "creation" of the physical universe through its Tenth "UCP's Universal Computational Formula's Manifested UF's Frame/s!/ Kingdome" ("מלכות") necessitates the full involvement and direct computation of the UCP itself – unlike the other nine Hierarchical Dimension of the UCP in which a particular "aspect" or "manifestation" of the UCR may be involved in the planning or computation of certain facets of the universe, but not the full entirety of the UCR, what's called in Jewish Tradition the "Throne" or the "Essence" of "G-d", i.e., His intrinsic inner "Infinitude Existence" (regardless of His continuous creation of the universe)! To use the Chassidic-Kabbalah Metaphor (mentioned earlier) in order to explain "G-d's" continuous creation, "dissolution", sustenance and evolution of the universe the metaphor or simile of an "Infinite Light" was utilized, e.g., representing this "Inner-Essence" or "Infinite Nature" of "G-d" which had to "remove" his "Infinite Light" to allow for the creation of apparently "independent" or "separate" objects (including: inanimate matter, animate: plants, animals and human-beings).

According to this Chassidic Metaphor, the ability to create apparently "separate" or "independent" forms or objects – depends on "G-d's" "removal" of his "Infinite-Light" which enables his manifestation of a physical universe; this may be helpful (for us) in order to conceptualize the UCR's sole existence – as an "Infinite" – "Light" or "Existence": both prior to his initial creation of the universe and "in-between" any two consecutive UF's frames; but it is also stipulated that since the Tenth UCP's Universal Computational Formula's Manifested UF's Frame/s!/ Kingdome" ("מלכות") necessitates a tremendous "leap" or "concealment" from the "Infinite-Existence" of the UCR's "Light" or "Consciousness" – to its apparently complete "concealment" or complete apparent "independency" of the manifested apparent

"physical universe" from the sole and singular reality of the UCR; therefore this requires the direct involvement of the same "Inner-Essence" or "Infinite-Light" of the UCR – which we've seen also existed "prior" to its conception and creation of the physical universe, and which also solely exists "in-between" any two consecutive UF's frames; Therefore, as may be seen in the Figure (below) describing the "Ten Hierarchical Dimensions' Universal Computational Formula" the Hebrew Letter "Yud" ("י ") accompanying by the Infinity sign " ∞ " signifies this "Infinite-Light" of the UCR, or its "Inner-Essence" – i.e., irrespective of its computation of the universe "during" each consecutive UF's frame/s; which appears (in the below Figure) both prior to the Nine Hierarchical Dimensions, and also appearing in the Tenth UCP's Universal Computational Formula's Manifested UF's Frame/s!/ Kingdome" ("מלכות") Hierarchical Dimension represented by the Hebrew Letter "מ", because (as pointed above) it is necessary for the UCR's full involvement of its "Infinite-Light" or "Inner Essence" to create and compute every exhaustive spatial pixel in the universe due to the Infinite concealment of the UCR's sole and singular existence through its Infinitely complex computation of each exhaustive spatial pixel in the universe, simultaneously for each consecutive UF's frame/s, at the unfathomable rate of " $c^2/h = 1.36^{-50} \text{ sec}!$ "

3. The UCP's New "Ten hierarchical dimensions universal computational formula": Theoretical ramifications

The new discovery of "G-d's Physics" Ten Hierarchical Dimensions Universal Computational Formula possesses several far-reaching theoretical ramifications; It indicates that the physical universe does not exist as a "material-causal" entity, e.g., being created by an initial "Big-Bang" nuclear event, nor is it being expanded at an accelerated rate by a (purely hypothetical) "dark-matter" and "dark-energy" concepts; the creation and "evolution" of the various Biological forms of life similarly has not been created based on a "random" "Natural Selection Principle"; Nor is the universe "drifting aimlessly" into total dissipation, as predicted by the Second Law of Thermodynamics; Rather, the New Twenty-First "G-d's Physics" Paradigm postulates – based on its newly discovered "Ten Hierarchical Dimensions' Universal Computational Formula" that the entire universe, and every exhaustive spatial pixel comprising it is being continuously simultaneously computed- "dissolved", re-computed and evolved by the singular higher-ordered "Universal Computational Formula" (UCP) or "Universal Consciousness Reality" (UCR) at the incredible and unfathomable rate of " $c^2/h = 1.36^{-50} \text{ sec}!$ " In other words, the discovery of "G-d's Physics" New Paradigm replaces the Old "Material-Causal" Paradigm of 20th century Relativity Theory and Quantum Mechanics basic assumption that the universe exists as a "solid-material" entity that operates and evolves based on direct physical interactions between certain given "massive-objects" and their assumed "curvature of Space-Time" or between

certain given subatomic "probe" and corresponding "target's probability wave function" elements; Instead, the New "G-d's Physics" Paradigm evinces that the entire physical universe exists only "transiently" and "phenomenally" – "during" each UCP's consecutive UF's frame, but "ceases to exist" and "dissolves back" into the singularity of the UCP/UCR "in-between" any two consecutive UF's frame/s; In fact, as stated above (and previously) through two profound Theoretical Postulates of the New "G-d's Physics" Paradigm termed: the "Computational Invariance Principle" and the "Universal Consciousness Reality" (UCR), the whole entire physical universe is seen as merely a manifestation of the singular higher-ordered Universal Consciousness Reality (UCR) – which exists both "during" each consecutive UF's frame/s without the presence of any physical universe, and which appears as the physical universe "during" each consecutive UF's frame/s!

This profound new realization, wherein the physical universe is seen as a mere "transient-phenomenal" manifestation of the singular higher-ordered Universal Consciousness Reality (UCR) – but does not possess any "independent" or "objective" existence in and of itself; and that, in fact, it entirely depends upon the continuous and constant computation- "dissolution", re-creation, and evolution – solely by this singular higher-ordered UCR completely revises our basic notions of the physical universe existing as totally dependent upon this singular higher-ordered UCR, with the physical universe being metamorphosed into a mere manifestation of this singular existent UCR! In fact, current discovery of the UCP's Ten Hierarchical Dimensions as constituting integral and essential components of the UCP's continuous creation- "dissolution"- re-computation and evolution of the entire physical universe (and of every exhaustive spatial pixel comprising it) alters our basic conception of the universe's continuous creation process by the UCP based on its Ultimate "Geula-Goal" of bringing the universe into its "Perfected Geula State"; From the initial UCP's "Free-Will/Wisdom" Hierarchical Dimension which explicates that the entire conception, creation, sustenance and evolution of the universe – has been created and it continuously being created based on the UCP's/UCR's sole Goal of manifesting through an apparently "independent-material" physical universe the "Free-Will"/"Wisdom" of creating and evolving all forms of inanimate and animate: plants, animals and human-beings leading up to human-beings fully "evolved" recognition and realization of the singularity of this UCR! Up to the Tenth "UCP's Universal Computational Formula"/"Kingdome" Hierarchical Dimension which computes for each consecutive UF's frame/s all exhaustive spatial pixels' four basic physical features (of "space" and "energy", "mass" and "time") – we're amazed to discover that the whole Ten Hierarchical Dimensions of the UCP's continuous computation- "dissolution" re-computation and evolution of the entire physical universe is only a manifestation of the UCR's incessant drive to bring the universe towards its Ultimate

"Perfected Geula-Goal State"! We find that the continuous computation of the universe through the UCP's Ten Hierarchical Dimensions is geared towards the UCP's manifestation of ever more expansive forms of Consciousness – e.g., from inanimate "matter", through animate: "plants", "animals" and "human-beings" and leading up to the most "expansive" manifestation of Humanity manifested through its recognition, reverence, worship and (immeasurable) gratitude towards this singular higher-ordered UCR; in fact, we find that this "Compassionate" drive of the UCR to evolve and perfect every individual human-being (and Humanity as a whole) is occurring incessantly and continuously based on the UCP's "Dynamic-Equilibrium Moral Principle", which constitutes one of those "Ten Hierarchical Dimensions", as well as throughout the Ten-Hierarchical Dimensions' combined and integrated process of the UCP's continuous computation- "dissolution"- re-computation and evolution of every exhaustive spatial pixel in the universe.

Consequently, the "Old Material-Causal Physical Universe" (e.g., described by the Old 20th century Physics of Relativity Theory and Quantum Mechanics) ceases to exist and an entirely "New Universe" and "New Science" emerges based on the discovery of "G-d's Physics" discovery and realization of the singularity of this UCR and its Ten Hierarchical Dimensions, indicating that the physical universe does not exist as a "solid", "continuous" and "independent" physical reality, but rather represents a continuous process of "creation", "dissolution", "re-creation" and "evolution" of the "transient-phenomenal" manifestation of the singularity of the "Universal Consciousness Reality" as an apparently physical universe – towards the sole "Ultimate Geula-Goal", in which this singularity of the UCR will be recognized by Humanity, who will lead a "Peaceful", "Harmonious" and "Moral Existence" based on the recognition of the Oneness of the UCR and of the Dynamic-Equilibrium Moral Principle characterizing It! In fact, this New "G-d's Physics" Paradigm sheds a completely new light upon the true nature of this singular higher-ordered UCR's "wish" and "Infinite-Wisdom" – essentially striving to "perfect" the World, Humanity, and every individual human-being incessantly – e.g., through each consecutive UF's frame/s that it computes with such "Personal Providence" (i.e., a Chassidic term denoting that nothing in the universe happens "by chance" – but is rather preplanned by this singular higher-ordered UCR for the sole purpose of taking care of- and uplifting- each and every individual human-being towards his or her moral perfection and partaking in the fulfillment of the Ultimate Geula-Goal!); Indeed, as we've seen, the UCP's various Hierarchical Dimensions are based on this singular higher-ordered UCR's incessant attempt to rectify, teach and balance any "immoral-choice" taken by any particular individual human-being, and towards the fulfillment of the Perfected Moral, Spiritual and Physical State of "Geula"!

May this profound discovery made by the New "G-d's Physics" Paradigm uplift Science and the whole of Humanity towards such a truly Perfected "Geula" State of Science and the World in which the Oneness of the singular higher-ordered "UCR", "G-d Reality" will be realized and Humanity will live in Peace and harmony and out of a deep sense of gratitude, reverence and awe towards this singular higher-ordered UCR's "Infinite-Light/Wisdom", i.e., "G-d" which bestows life, abundance, sustains all human-beings, animals plants etc. and whose sole Goal is to uplift and assist each

human-being (and Humanity as a whole) towards the Inevitable Geula State of Humanity, Science and the World!

Dedication: This article is dedicated to my beloved Sons, Shoham and Nethanel, and beautifully innocent daughter, Neomy Tirzah Shulamit, to my Beloved wife, Shulamit Shuli, to my Beloved (diseased) Mother, Dr. Tirzah Bentwich and in loving memory of my dear grandfather Yossef Bentwich.

THE TEN HIERARCHICAL DIMENSIONS' UNIVERSAL COMPUTATIONAL FORMULA (THD-UCF):

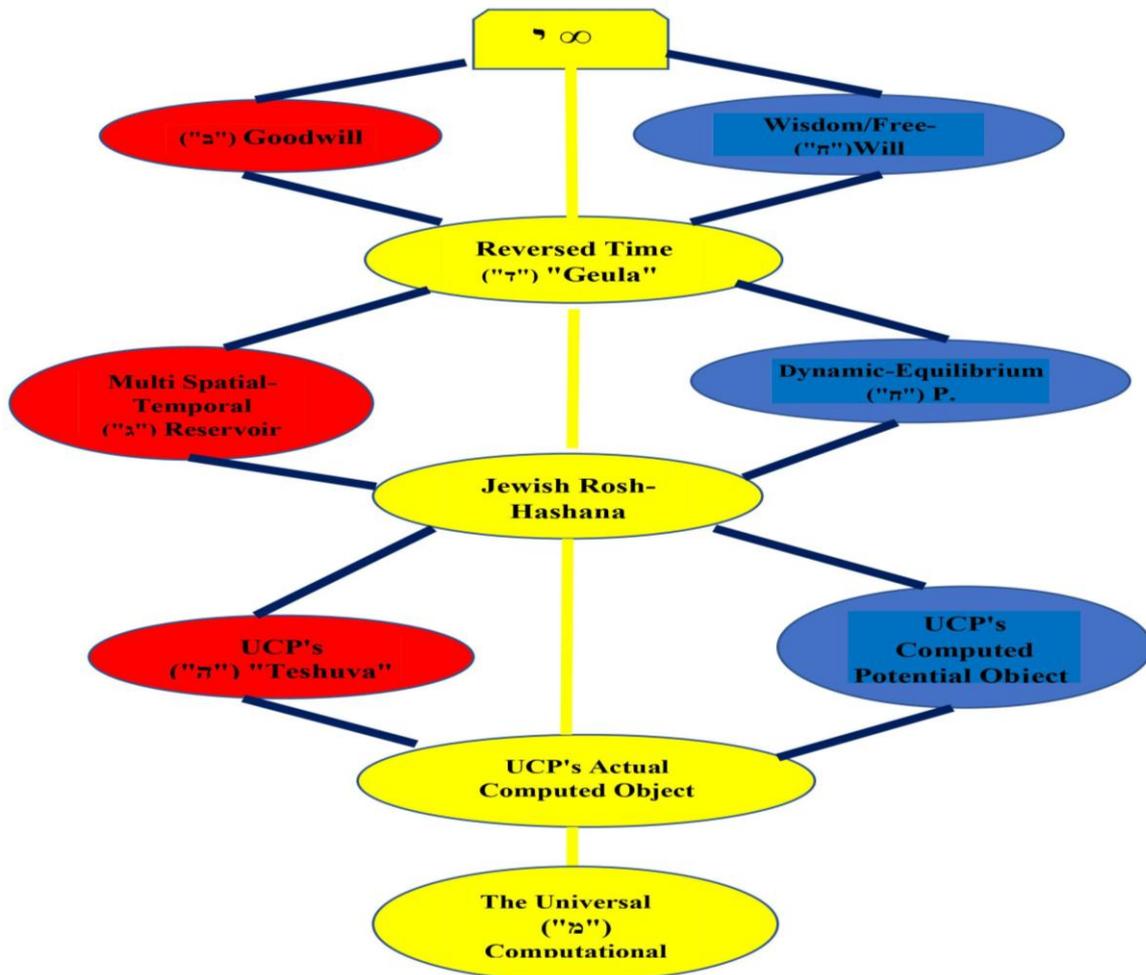
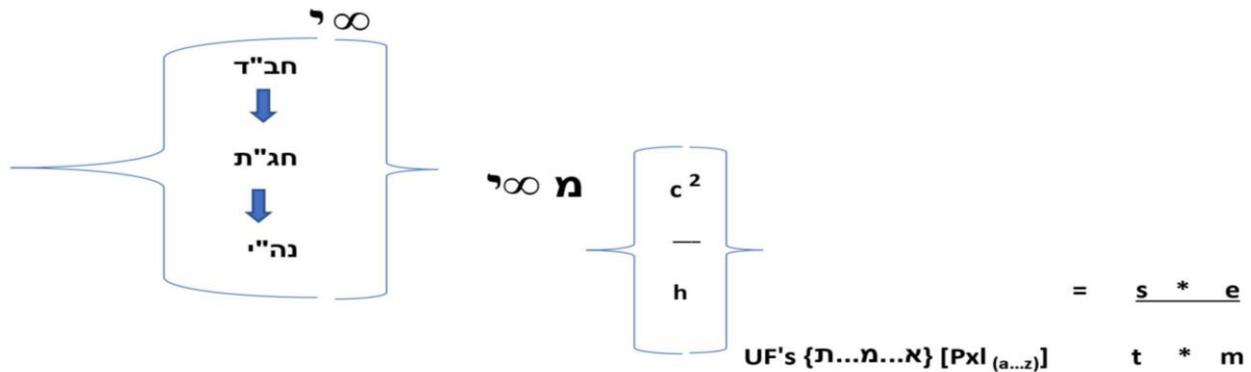


Figure 2: The ten hierarchical dimensions' diagram.

REFERENCES

1. Bentwich, J. "Harmonizing Quantum Mechanics and Relativity Theory". Theoretical Concept of Quantum Mechanics, Intech (ISBN 979-953-307-377-3), (2012; 22: 515-550).
2. Bentwich, J. "Theoretical Validation of the Computational Unified Field Theory". Theoretical Concepts of Quantum Mechanics, (ISBN 979-953-307-3773), 2012; 23: 551-598.
3. Bentwich, J. "The Theoretical Ramifications of the Computational Unified Field Theory". Advances in Quantum Mechanics (ISBN 978-953-51-1089-7), 2013; 28: 671-882.
4. Bentwich, J. The Computational Unified Field Theory (CUFT): A Candidate Theory of Everything. Advances in Quantum Mechanics (ISBN 978-953-51-1089-7), 2013; 18: 395-436.
5. Bentwich, J. The Computational Unified Field Theory (CUFT): A Candidate 'Theory of Everything'. Selected Topics in Application of Quantum Mechanics (ISBN 978-953-51-2126-8), 2015; 6.
6. Bentwich, J. What if Einstein was Right? Amazon Kindle Book Store, 2014.
7. Bentwich, J. On the Geometry of Space, Time, Energy, and Mass: Empirical Validation of the Computational Unified Field Theory. Unified Field Mechanics: Natural Science Beyond the Veil of Spacetime (Proceedings of VIGIER IX Conference, Morgan State University, USA, 2015; 16-19).
8. Bentwich, J. The 'Computational Unified Field Theory': A Paradigmatic Shift. Research & Reviews: Journal of Pure & Applied Physics, 2016.
9. Bentwich, J. The Computational Unified Field Theory: Could 'Dark Matter' & 'Dark Energy' be "Superfluous"? SciFed Journal of Quantum Physics Special Issue, 2017.
10. Bentwich, J. The Computational Unified Field Theory: Explaining the Universe from "Without". SciFed Journal of Quantum Physics Special Issue, 2017.
11. Bentwich, J. The Computational Unified Field Theory: A New 'A-Causal Computation' Physics. SciFed Journal of Quantum Physics Special Issue, 2017.
12. Bentwich, J. The 'Computational Unified Field Theory' (CUFT) May Challenge the 'Big-Bang Theory'. SciFed Journal of Quantum Physics Special Issue, 2017.
13. Bentwich, J. Can the 'Computational Unified Field Theory' (CUFT) Challenge the Basic Laws of Conservation? SciFed Journal of Quantum Physics Special Issue, 2017.
14. Bentwich, J. The Computational Unified Field Theory (CUFT): Time "Reversal" May be Possible. SciFed Journal of Quantum Physics Special Issue, 2017.
15. Bentwich, J. The Computational Unified Field Theory (CUFT) Transcends Relativity's Speed of Light Constraint. SciFed Journal of Quantum Physics, Special Issue, 2017.
16. Bentwich, J. The Computational Unified Field Theory's New Physics: Transcending Space, Time and Causality. SciFed Journal of Quantum Physics Special Issue, 2017.
17. Bentwich, J. A "Supra-Spatial-Temporal Universal Consciousness Reality". Research & Reviews: Journal of Pure & Applied Physics, Special Issue: The Computational Unified Field Theory (CUFT)-A Paradigmatic Shift in 21st Century Physics, 2017.
18. Bentwich, J. A New Science: An Infinite Omniscient Dynamic-Equilibrium Universal Consciousness Reality. SciFed Journal of Quantum Physics Special Issue, 2017.
19. Bentwich, J. The Computational Unified Field Theory (CUFT) Challenges Darwin's 'Natural Selection Principle'! SciFed Journal of Quantum Physics Special Issue, 2017.
20. Bentwich, J. The Computational Unified Field Theory (CUFT) Challenges the Second Law of Thermodynamics. SciFed Journal of Quantum Physics Special Issue, 2017.
21. Bentwich, J. The Computational Unified Field Theory (CUFT): An Empirical & Mathematical Validation of the 'Computational Unified Field Theory'; SciFed Journal of Quantum Physics Special Issue, 2017.
22. Bentwich, J. The Computational Unified Field Theory (CUFT) New Science; SciFed Journal of Quantum Physics Special Issue, 2017.
23. Bentwich, J. Review: The Computational Unified Field Theory (CUFT) New Universe: The Global Journal of Science Frontier Research, 2018; 18: (8-A).
24. Bentwich, J. The Computational Unified Field Theory (CUFT): What is "Time"? The Global Journal of Science Frontier Research, 2018; 18: (8-A).
25. Bentwich, J. The Universal Consciousness Reality's Camouflage: The Physical Universe! The Global Journal of Science Frontier Research, 2018; 18: (8-A).
26. Bentwich, J. The Computational Unified Field Theory (CUFT) Epilogue: Can Human Consciousness Affect the Cosmos? The Global Journal of Science Frontier Research, 2018; 18: (8-A).
27. Bentwich, J. Testing the Computational Unified Field Theory's (CUFT) Differential-Critical Predictions: The Higgs-Boson Particle May Not Exist Continuously! The Global Journal of Science Frontier Research, 2018; 18: (8-A).
28. Bentwich, J. The Double-Faceted Universal Consciousness Reality: A Theoretical Review. The Global Journal of Science Frontier Research, 2018; 18: (8-A).
29. Bentwich, J. Letter to the Editor: Dark Matter May Not Exist. The Global Journal of Science Frontier Research, 2018; 18: (8-A).

30. Bentwich, J. The Computational Unified Field Theory's (CUFT) Epilogue: Possible Reversal of the Arrow of Time and Abolishment of Death. The Global Journal of Science Frontier Research, 2018; 18: (8-A).
31. Bentwich, J. The Computational Unified Field Theory's (CUFT) New Universe. The Global Journal of Science Frontier Research, 2019; 19: (6).
32. Bentwich, J. The Computational Unified Field Theory's (CUFT) Goes Beyond the 'Standard Model': "G-d's Physics"?!. The Global Journal of Science Frontier Research, 2019; 18: (8-A).
33. Bentwich, J. A Call for Cosmologists & Experimental Physicists: Empirical Validation of the 'Computational Unified Field Theory' (CUFT) New Paradigm through "Time-Sensitive" Astronomical and Subatomic Measurements. The Global Journal of Science Frontier Research, 2019; 19 (6).
34. Bentwich, J. The 'Computational Unified Field Theory' (CUFT): Redefining Mass, Gravity & the Physical Universe. The Global Journal of Science Frontier Research, 2019; 19 (6).
35. Bentwich, J. Astronomical Validation of the Computational Unified Field Theory (CUFT) "Critical Prediction" & Resolution of the "Universe's Accelerated Expansion Rate Enigma" (UAERE). The Global Journal of Science Frontier Research, 2019; 19 (6).
36. Bentwich, J. Urgent Call for Empirical Validation of the Computational Unified Field Theory's (CUFT) New 21st Century 'A-Causal Computation' (ACC) Paradigm. Acta Scientific Applied Physics, 2019; 1(1).
37. Bentovish (Bentwich), J. 'G-d's Physics' (CUFT) New "Atom" & Purposeful Universe! Advances in Theoretical & Computational Physics, 2020; 3(2): 50-58.
38. Bentovish (Bentwich), J. An Urgent Need for "G-d's Physics" New 21st Century Paradigm's Empirical Validation. Advances in Theoretical & Computational Physics, 2020; 3(2): 59-65.
39. Bentovish (Bentwich), J. "G-d's Physics" New 21st Century Paradigm: From "Law" to "Mercy"! In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press), 2021.
40. Bentovish (Bentwich), J. "G-d's Physics": From Arbitrary Physical & Biological "Evolution" Towards A Universal Consciousness Reality's (UCR) Directed Morally-Perfected ("Geula") Universe! In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press), 2021.
41. Bentovish (Bentwich), J. "G-d's Physics": On the True Nature of "Dark-Energy" & "Dark-Matter". In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press), 2021.
42. Bentovish (Bentwich), J. The New "G-d's Physics" New Twenty-First Century Paradigm: A Morally Perfected ("Geula") Directed New Physical Universe! In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press), 2021.
43. Bentovish (Bentwich), J. "G-d's Physics": It's "Time" for "Geula"! In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press). Bentovish (Bentwich), J. "G-d's Physics" (CUFT) New Physics Paradigm: "Miracles" Can Happen!? In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press), 2021.
44. Bentovish (Bentwich), J. "G-d's Physics" New 21st Century Paradigm: A Complete Integration of "Space" & "Energy", "Mass" & "Time"! In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press), 2021.
45. Bentovish (Bentwich), J. "G-d's Physics": Complete Unification of the Four Basic Forces of Nature & "Geula"! In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press), 2021.
46. Bentovish (Bentwich), J. Fulfilling Einstein's Quest: "G-d's Physics" New Twenty-First Century's Paradigm's Multi-Level Computational Universe. In "G-d's Physics: A New Scientific Paradigm for the Twenty-First Century. iUniverse (in Press), 2021.