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# The Universal Consciousness Reality's "Camouflage": The Physical Universe!

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## I. INTRODUCTION: THE COMPUTATIONAL UNIFIED FIELD THEORY’S NEW PARADIGM

A new Computational Field Theory (CUFT) Bentwich: 2006; 2012 a & b; 2013 a & b; 2014; 2015; 2016; 2017 a-k) was shown successful in resolving the apparent theoretical inconsistency between the two major pillars of 20<sup>th</sup> Century Physics, namely: Relativity Theory (RT) and Quantum Mechanics (QM), thereby producing a Paradigmatic Shift in 21<sup>st</sup> Century Theoretical Physics: The essential key element in this new ‘A-Causal Computation’ new Paradigm is its insistence upon the singular computation- “dissolution”- sustenance- and evolution- of every exhaustive spatial pixel/s in the entire physical universe based on the existence of a new hypothetical (higher-ordered) ‘Universal Consciousness Reality! Previous articles delineating this new CUFT’s “A-Causal Computation”

Paradigm of 21<sup>st</sup> Century Physics have highlighted the ‘Computational Invariance Principle’ and its associated “Universal Consciousness Reality” which essentially assert that since only the Universal Consciousness Principle exists both “during” each consecutive USCF’s frame/s –i.e., solely computing- “dissolving”- sustaining- and evolving- each exhaustive spatial pixel in the entire physical universe, and also solely exists “in-between” any two such consecutive USCF’s frame/s; therefore, the “Universal Consciousness Reality” postulate assets that there truly exists only one singular Universal Consciousness Reality which exists unchanged both “during” the USCF’s frames – i.e., manifesting as the entire physical universe, and also exists singularly “in-between” two such consecutive USCF’s frames (e.g., without the presence of any physical universe)... Viewed from this higher-ordered singular perspective of this Universal Consciousness Reality the physical universe exists – only as a manifestation of this singular Universal Consciousness Reality and (in a sense) camouflages the sole and singular existence of this Universal Consciousness Reality...

Indeed one of the key essential features of the CUFT’s new ‘A-Causal Computation’ Paradigm of 21<sup>st</sup> Century Physics is its insistence that underlying all Inductive and Deductive Scientific entities- and relationships there exists a singular Universal Consciousness Reality which computes-sustains- “dissolves”- evolves- and transcends- all exhaustive spatial-pixels in the entire physical universe (e.g., including any “computing” device or organ/s such any human or animal brain or material computer etc.); As shown above (and previously), the existence and operation of this singular (Supra-Spatial-Temporal) Universal Consciousness Reality is therefore not bound or constrained by any “material-causal” physical relationships found within the physical universe – but rather solely computes all exhaustive spatial-pixels in the entire physical universe (e.g., at any minimal time-point USCF’s frame/s)! Nevertheless, this singular Universal Consciousness Reality is characterized by its inherent Orderly, Law-Driven, Intelligent and “Dynamic-Equilibrium” (e.g., moral-based) features (as shown above and previously)... So, while this singular (higher-ordered) Universal Consciousness Reality is the sole “cause” for each exhaustive spatial pixel in the entire physical universe (i.e., in the “past”, “present” and “future”), its production- sustenance- “dissolution”- and

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evolution- of all these exhaustive spatial-pixels is determined (and driven) solely based on its intrinsic Orderly, Dynamic-Equilibrium, Omni-Present Omniscient, Intelligent features and inherent propensity towards exhibiting an ever more expansive manifestation of this singular Universal Consciousness Reality (i.e., through its manifestation of inanimate, then animate: plants animals and the humans – leading up to the full expression of Universal Consciousness in humans) properties...

This sole contingency of the origination- "dissolution"- sustenance- and evolution- of each and every exhaustive spatial-pixel throughout the entire physical universe upon these intrinsic Orderly, Dynamic-Equilibrium, Intelligent properties and manifestation of fuller expressions of this singular Universal Consciousness Reality was already shown to completely challenge- and revise- Darwin's (famous) evolutionary "Natural Selection Principle"! (Bentwich, 2017k?) This was due to the simple fact that since the CUFT's new "A-Causal Computation" Paradigm negates the possibility of the existence of any "material-causal" physical relationship/s between any two (or more)

Most generally this new Universal Consciousness Reality Based Science may be represented mathematically in this manner:

$$\underline{UCR}: \{(UCR: s.p. i...∞)\}USCF1; UCR;(UCF: s.p. i...∞)\}USCF2; UCR; ..(UCF: s.p. i...∞)\}USCFn;UCR\}$$

Wherein  $(s.p. i...∞)USCF...z$  is defined through the (previously outlined) Universal Computational Formula:  
Universal Computational Formula:

$$\cdot \{c^2/h\}USCF's^{**}[i...infinity] = \underline{s * t} \\ e*m$$

Note: [\*\*] wherein each USCF's frame/s comprises of all exhaustive spatial pixels in the entire physical universe at any given minimal time point (e.g.,  $c^2/h$ ).

The key point to be noted is that since each and every exhaustive spatial-pixel/s throughout the entire physical universe at every minimal time-point USCF's frame/s (e.g., and its four associated physical features of "space", "time", "energy" and "mass") – is solely produced by the singular 'Universal Consciousness Reality' and exists only "during" each subsequent USCF's frame/s but not "in-between" them; and since this singular Universal Consciousness Reality also solely exists "in-between" any two such consecutive USCF's frames (e.g., without the presence of any physical universe), therefore the Universal Consciousness Reality asserted that the sole and singular Reality is this Universal Consciousness Reality whereas the entire physical universe exists only as a manifestation of this singular Universal Consciousness Reality! Moreover, the recent delineation of some of the intrinsic properties of this Universal Consciousness Reality indicated that it represents a "Supra-Spatial-Temporal" unitary whole which is governed by such Intelligent Laws such as its

exhaustive spatial-pixels (throughout the entire physical universe) –existing either in the same- or other- USCF's frame/s, therefore it was concluded that there cannot exist any "material-causal" relationship/s between any given Organism and any exhaustive hypothetical Environmental Factors, i.e., thereby negating Darwin's "material-causal" 'Natural-Selection Principle'! More generally (and fundamentally), we can apply this new 'Universal Consciousness Reality' Paradigm towards a basic revision of our understanding of all Inductive (and Deductive) Sciences: This is because due to the Universal Consciousness Reality solely produces- and sustains- and evolves- each exhaustive spatial-pixel in the entire physical universe at every minimal time-point USCF's frame/s; and because all of these exhaustive spatial-pixels necessarily "dissolve" 'in-between' any two subsequent USCF's frames – i.e., with only this Universal Consciousness Reality solely existing, therefore *there cannot exist any 'material-causal' relationship or even any theoretical 'material-causal' law between any two (or more) such exhaustive spatial-pixels existing either in the same- or other- USCF's frames!*

"Dynamic Equilibrium" moral principle, the "Expansion of Universal Consciousness Reality" Expansive"??? – which manifests both through the evolution from inanimate to animate: plants, humans, and leading up to Universal Consciousness in human-beings, as well as manifests through the Universal Consciousness Reality's accelerated increase of the number of exhaustive spatial pixels to each consecutive USCF's frames (which points at the continuous creative.

## II. THE NEW "UNIVERSAL CONSCIOUSNESS REALITY'S EMPTINESS HYPOTHESIS" (UCREH)

The new emerging picture of the entire physical cosmos as originated- produced- dissolved- and evolved- solely by the singularity of the Universal Consciousness Reality - -i.e., with the physical cosmos representing only a "transient", "phenomenal" manifestation of this singular Universal Consciousness

Reality dramatically alters our basic conception of the nature and operation of the physical universe! No longer is the physical universe being hypothesized to have been created by a "Big-Bang" nuclear explosion – 13.7 Billion years ago, but rather it was- is- and will be- continuously created "anew" at every minimal time-point USCF's frame/s (e.g., every  $c^2/h = 1.45^{42}$  second)! Likewise, the empirically observed accelerated expansion rate of the entire physical universe – is not due to any *undetected* "dark-matter" and "dark-energy", but is rather the result of this singular Universal Consciousness Reality's increased number of exhaustive spatial pixels with every subsequent USCF's frame/s! So, too is the evolution of the various Biological species of plants, animals and humans – is not the "caused" through Darwin's "Natural Selection Principle" but is rather the result of this singular Universal Consciousness Reality's inherent tendency towards manifesting ever-more expansive forms expressing the basic underlying unity and singularity of this Universal Consciousness Reality!

Indeed, the discovery of the "Supra-Spatial-Temporal" characteristic of this singular Universal Consciousness Reality, alongside its other intrinsic "Dynamic-Equilibrium" moral driven balance as well as its Expansive Universal Consciousness Reality Hypothesis\*\*\* - all point at the fact that there exists a basic "Computational Asymmetry" between the "computationally invariant" Universal Consciousness Reality which exists continuously (and unchanged) both "during" its production of each consecutive USCF's frame's exhaustive set of spatial pixels (and their four associated physical features of 'space', 'time', 'energy' and 'mass') and also "in-between" every two such consecutive USCF's frames (wherein this Universal Consciousness Reality exists solely without the presence of a physical universe!); and between the only "transient-phenomenal" existence of the physical universe, e.g., which only exists "during" the Universal Consciousness Reality's production of each consecutive USCF's frame/s but ceases to exist ("dissolves") "in-between" any two frames! Previously, this basic 'Computational Asymmetry' (e.g., between the 'computationally invariant' Universal Consciousness Principle and the 'computationally-variant' four physical features of 'space', 'time', 'energy' and 'mass' comprising the entire physical universe was referred to through the "Computational Invariance Postulate"; Indeed, this 'Computational Invariance Principle' asserted that since only the Universal Computational/Consciousness Principle remains constant both "during" the USCF's frames and also solely exists "in-between" frames whereas the "computationally variant" four physical features (of space, time, 'energy' and 'mass') only exist "during" the USCF's frames (produced by this UCP) but not "in-between" USCF's frames, therefore only the Universal

Consciousness Principle may be regarded as "constant" whereas these four basic physical features of 'space', 'time', 'energy' and 'mass' may only be regarded as "transient" and "phenomenal"...

But, it is suggested that based on the further development of the CUFT through its recognition of the singular existence of the "Universal Consciousness Reality" (postulate) – as a Supra-Spatial-Temporal Ordered, Omnipresent, Omniscient & Intelligent Reality which alternates its presentation as a physical universe (during its sole production of each consecutive USCF's frame/s, and intermittently (e.g., "in-between" any two consecutive USCF's frames) presents itself singularly without the presence of any physical universe: this this basic 'Computational Asymmetry' between the Universal Consciousness Reality's singular (and permanent) existence, and between its manifestation as a "physical universe" 'during' each USCF's frame/s is now discovered to point at a new "Universal Consciousness Reality's Emptiness Hypothesis" (UCREH)! Essentially, this new 'Universal Consciousness Reality's Emptiness Hypothesis' postulates that precisely since the physical universe does not exist in and of itself as an "independent-objective" reality, but rather exists only as a manifestation of the singularity of the Universal Consciousness Reality then the whole existence of the physical universe (e.g., in and of itself) may only be regarded as "empty" – it does not exist continuously as a separate entity, but is rather entirely dependent upon the creative- sustaining- dissolving- and evolving- power of the singular Universal Consciousness Reality! Once again, it may be helpful to utilize the (previously mentioned) 'Cinematic-Film Metaphor' as a somewhat similar process to the Universal Consciousness Reality's extremely rapid ( $c^2/h=1.56^{42}$ ) production of the series of Universal Simultaneous Computational Frames (USCF's): this is because contrary to our (perceptual) impression when we sit and observe an ongoing cinematic film presentation wherein the "physical-reality" of "trees", "cars", "sky" and "Earth" seems "solid" and "real" possessing an "objective" and "independent" "reality"- upon examination we find that in truth, this apparent "physical world" doesn't exist in and of itself! Thus we find that this whole entire 'physical world' "dissolves" in-between any two subsequent film-frames (wherein only the pure beam of light exists!) In effect, we realize that the whole existence- sustenance- and evolution- of the existence, sustenance and evolution of the whole 'film-world' is entirely dependent upon the continuous re-production of it by the rapid progression of the film-frames! In that sense, (too) the "apparent reality" of the film-world (on the screen) is seen as "empty" – i.e., not existing as a solid "reality" in and of itself but only as "caused" by the film-frames... Somewhat similar is the situation with regards to the Universal Consciousness Reality's continuous re-production- dissolution- and evolution- of every

exhaustive spatial-pixel in the entire physical universe at every minimal time-point USCF's frame/s: Based on the discovery of the 'Computational Invariance Principle' and associated 'Universal Consciousness Reality' postulates and the current Universal Consciousness Reality Emptiness Hypothesis, we come to realize that the entire physical universe does not exist "in and of itself", it "dissolves" 'in-between' any two subsequent USCF's frames, and is only "sustained" and "evolved" based on the continuous creative power of the singular Universal Consciousness Reality! Hence, the 'Universal Consciousness Reality's Emptiness Hypothesis' posits that the entire physical universe must be created- and re-created every  $1.45^{42}$  of a second by this singular Universal Consciousness Reality – i.e., without there being any "physical" – "reality" "effects", or even "laws" that determine this continuous –reproduction or evolution of the physical universe (e.g., for instance based on the previous USCF's frame/s physical state etc.!) Therefore, in continuation to the (previously discovered) 'Supra-Spatial-Temporal Universal Consciousness Reality' which asserted that the entire physical universe exists only as a manifestation of this singular Universal Consciousness Reality, the new 'Universal Consciousness Reality's Emptiness Hypothesis' (UCREH) emphasizes the fact that the physical universe does not exist "in and of itself" at all, i.e., but rather that it is continuously created- dissolved-re-created- and evolved-by this singular Universal Consciousness Reality!

### III. THE UNIVERSAL CONSCIOUSNESS REALITY RESERVOIR'S TAPPING HYPOTHESIS(UCRRTH)

But, if indeed, the entire physical universe does not "exist" – in and of itself, ceases to exist "in-between" any two consecutive USCF's frames and is totally dependent upon the continuous production- dissolution-sustenance- and evolution- of the singular Universal Consciousness Reality, then the immediate emerging question is: how is this Universal Consciousness Reality capable of "remembering" and "re-producing" the same physical universe – i.e., at each exhaustive spatial-pixel comprising it, and furthermore evolving each of these exhaustive spatial-pixels with each subsequent USCF's frame/s (e.g., as is evident in the previously discovered accelerated increase of the number of spatial pixels comprising each subsequent USCF's frame/s which gives rise to the accelerated expansion of the physical universe)?! If no "physical universe" exists "in-between" any two subsequent USCF's frames, i.e., according to the above mentioned 'Universal Consciousness Reality Emptiness Hypothesis' and the entire existence-dissolution- sustenance- and evolution- of each and every exhaustive spatial pixel throughout the entire physical universe is entirely dependent upon the creative

operation of the Universal Consciousness Reality, then how is this Universal Consciousness Reality capable of "memorizing"-, "dissolving"-, "re-creating"- and "evolving"- each such exhaustive spatial-pixel at each subsequent USCF's frame/s?! The previously mentioned 'Universal Consciousness Reality's Supra-Spatial-Temporal Reservoir' (hypothesis) provides a fascinating answer to this question which is also somewhat akin to the 'Cinematic-Film Metaphor' and opens yet further exciting possibilities for our broader scientific understanding of the nature and boundaries of this Universal Consciousness Reality which manifests as the physical universe and also transcends it (e.g., for instance, "in-between" any two subsequent USCF's frames!): Perhaps the best way of getting at this new "UCR Supra-Spatial-Temporal Reservoir Hypothesis" is based on the previously utilized Cinematic-Film Metaphor: when we ask an equivalent question pertaining to the "disappearance" of the film-world scene (e.g., on the screen) "in-between" any two subsequent film-frames – we realize that the "disappeared" film-scene associated with a particular film-frame (from the screen "in-between" that particular film-frame and a subsequent film-frame) simply goes back to the "reservoir" of that film's disc (or dvd)! In other words, any particular film-frame is not "lost" – i.e., when it is not being presented any longer, but rather "goes back" or is stored once again within the complete "reservoir" of the film's entire collection of frames! Similarly, then we postulate that all "past", "present" and "future" USCF's frames (including any segment of them) exists within this Universal Consciousness Reality's 'Supra-Spatial-Temporal Reservoir'!

There are only two principle differences between the "Cinematic-Film Metaphor" and the Universal Consciousness Reality's "storage" of all "un-presented" (e.g. "past" and "future") USCF's frames: first, unlike the cinematic film-frames, which are separate from the "pure beam of light" – in the case of the CUFT's Universal Consciousness Reality (which may be likened to the 'beam of light' which exists constantly both "during" the film frames allowing their images to be projected on to the screen and also exists solely "in-between" film-frames) each of the consecutive USCF's frames is solely produced by- comprised of- and "dissolves" into- the singularity of this Universal Consciousness Reality! In other words, contrary to the Cinematic-Film Metaphor, in which the film-frames are "separate" from the "projecting-light", the Universal Consciousness Reality contains within it the Universal Consciousness Reality's Reservoir of all the "past", "present" and "future" USCF's frames! Second, dissimilar to the Cinematic-Film Metaphor, in which all "past", "present" and "future" film-frames are already contained and stored within the corpus of the film's "dvd" – and will not change as a result of the film's

"playing-out" (or presentation); in the case of the Universal Consciousness Reality as delineated previously, there exist two primary principles (theoretical postulates) namely: the Universal Consciousness Reality's "Dynamic-Equilibrium" and "Multiple-Futures" which create the potential for more than one "future" occurrence/s or USCF's frame/s – i.e., as a result of Individual Human Consciousness' (moral) choices which set in motion the Dynamic-Equilibrium's "correcting-mechanism" aimed at restoring the Universal Consciousness Reality's unitary (moral) balance!

When we take into account the previously discovered possibility of Individual Human Consciousness to "expand"- such that its functioning and operation is not "separate" (or "different") from the Universal Consciousness Reality (e.g., termed: the "Individual Human Consciousness Expanded Spectrum Hypothesis", IHCESH, associated with the 'Universal Consciousness Reality's Inseparability Principle'), then we arrive at a new surprising- and potentially quite far-reaching new theoretical postulate named: The "*Universal Consciousness Reality Reservoir's Tapping Hypothesis*" (UCRRTH)! The '*Universal Consciousness Reality Reservoir's Tapping Hypothesis*' (UCRRTH) simply hypothesizes that given the above mentioned 'Individual Human Consciousness Expanded Spectrum Hypothesis' (IHCESH) and the existence of the 'Universal Consciousness Reality's Supra-Spatial-Temporal Reservoir' which contains all "past", "present" and "future"\* USCF's it may be possible for such an 'Expanded Individual Human Consciousness' to access- (and potentially even affect!) any exhaustive spatial pixel across all past- present- (and perhaps future\*-) USCF's!! This new UCRRTH may indeed call for the scientific investigation of the possibility of human beings (with such an "expanded" Individual Human Consciousness to "predict future occurrences", "affect" or "know" "non-local" occurrences"- and even hypothetically be capable of accessing- knowing- and "travelling"- to any exhaustive spatial point in any "past" "present"- or "future"\*-USCF's frame/s in the universe, i.e., "instantaneously" for any given single USCF's frame/s (e.g., thereby "transcending the speed of light" barrier as evinced in one of the previous articles in this Special Issue)! In effect, this means that by tapping into the potential of the 'Individual Human Consciousness Expanded Spectrum' this new 'Universal Consciousness Reality Reservoir's Tapping Hypothesis' allows Humanity to access any "past"- "present" (or perhaps "future"\*) exhaustive spatial pixel in the entire physical universe "instantaneously" – thereby cancelling any "time" and "space" constraints across the entire universe, e.g., and obviously transcending the "Speed of Light" apparent barrier, as well as allowing us to access up to the farthest boundaries of the physical universe (including within "Black Holes") and as far back

into the "past" initial USCF's frames constituting the physical universe or potentially also into various potential "multiple-futures"\* (as previously explained)! Indeed, this last "unlimited" potential of the 'Expanded Individual Human Consciousness' is compatible with the previously discovered "Omnipresent", "Omniscient" characterization of the Universal Consciousness Reality, e.g., which was already noted to allow for such 'Expanded Individual Human Consciousness' to access all exhaustive spatial pixels in the entire physical universe in the "past", "present" or "future"\* USCF's frame/s – thereby indeed opening almost "unlimited" possibilities for 21<sup>st</sup> Century Physics research...It is therefore hypothesized that all "past"- "present"- and "future" USCF's exhaustive spatial pixels of the entire physical universe are accessible to such an "expanded" Individual Human Consciousness – in the same manner that they are "accessible" to the Universal Consciousness Reality which produces- "dissolves"- "sustains"- and "evolves"- every exhaustive spatial pixel in the universe in any "past", "present" or "future" USCF's frame/s, e.g., and also "stores" them within its "Supra-Spatial-Temporal Reservoir"; and hence that an "expanded" Individual Human Consciousness which functions equivalently to the singular Universal Consciousness Reality is also capable of "accessing": "producing"- "dissolving"- "sustaining"- and "evolving"- every exhaustive spatial pixel throughout the entire physical universe in the "past", "present" and "future/s"\*\* (as outlined above and previously); such that those specific USCF's frames that are not being "presented" by the Universal Consciousness Reality (e.g., at the given "current" USCF's frame) are nevertheless "stored" within the Universal "Consciousness Reality's Supra-Spatial-Temporal Reservoir"!

Indeed, the theoretical ramifications of this new Universal Consciousness Reality's Tapping Hypothesis are almost "unlimited", e.g., especially when associated with the previously mentioned Universal Consciousness Reality's Omnipresent- Omniscient- characteristics: As delineated previously, due to the Universal Consciousness Reality's sole and singular production-dissolution- sustenance- and evolution- of every exhaustive spatial-pixel in the entire physical universe this singular Universal Consciousness Reality possesses an "Infinite, Omnipresent and Omniscient" characteristics pertaining to each of those exhaustive spatial-pixels throughout the vast universe, e.g., in the "past", "present" and "future"\* (as explained above, the Universal Consciousness Reality's knowledge of any "future" occurrence is more complex as it involves the "Individual Human Consciousness'" intrinsic "moral-choices" which enacts the Universal Consciousness Reality's moral based "multiple-futures" potential due to its "Dynamic-Equilibrium" moral based principle...) This means that from the perspective of this singular higher-



ordered Universal Consciousness Reality all "past", "present" and "future"\* exhaustive spatial-pixels comprising the entire physical universe are "known" or "knowable", "produced"- "dissolved"- "sustained"- and "evolved"- solely by this Universal Consciousness Reality! Now, when we take into consideration the identity of the "Individual Human Consciousness", e.g., in its "expanded" mode with this Universal Consciousness Reality (e.g., called: the "Individual Human Consciousness Expanded Spectrum Hypothesis" (IHCESH) (and its associated Universal Consciousness Reality's "Inseparability Hypothesis") we reach an at incredible (inevitable) theoretical conclusion which is that: in the same manner that the Universal Consciousness Reality possesses an "infinite", "omniscient", "omnipresent" knowledge- presence- and effect- (e.g., "production"-, "dissolution"- "sustenance" and "evolution"-) of every exhaustive spatial pixel/s in the entire physical universe so the "expanded" Individual Human Consciousness possesses too this extraordinary capacity to know- affect- "reach"- mold- "dissolve"- and evolve- every exhaustive spatial pixel in the entire physical cosmos, at every minimal time-point USCF's "simultaneously"!! Indeed, it has already been shown that such "expanded" Individual Human Consciousness transcends the speed of light and is capable of reaching every such exhaustive spatial pixel/s in the universe "instantaneously" – once again, just as the Universal Consciousness Reality does!

This means that the potential for our Individual Human Consciousness to "know"- "affect"- "mold"- and "evolve"- every exhaustive spatial pixel in the universe is unlimited by the current apparent constraints of Physics "old Paradigm", e.g., the "Material-Causal" Paradigm underlying both Relativity Theory and Quantum Mechanics, wherein it is assumed that it is not possible to transmit any signal or object at a speed greater than the Speed of Light (e.g., according to Relativity Theory), or "reverse-time", i.e., access- or affect- "past" occurrences (according to both Relativity Theory and Quantum Mechanics); Instead, the CUFT's new "A-Causal Computation" Paradigm allows the "expanded" Individual Human Consciousness to "know"- "affect"- and "transform"- any "past"- "present"- (or "future"\*-) occurrences, e.g., taking place at any exhaustive spatial-pixel/s in the physical universe, thereby transcending the Speed of Light constraint and allows Humanity and Science to "know"- "access"- and even "affect"- any point in the cosmos "instantaneously" and also investigate any occurrence/s in the "past" at any exhaustive spatial pixel in previous USCF's frames! In effect this implies that would reach an extraordinary position as to have access to the entire "corpus" of the Universal Consciousness Reality's Supra-Spatial-Temporal Reservoir of all "past"- "present"- (and potentially also a certain degree of access to the

"multiple-futures"\*), which are nevertheless affected by the moral-based Dynamic-Equilibrium Principle)...

Indeed, the far-reaching potential implications of this new discovery regarding the accessibility of Science to all past-present- (and future\*-) exhaustive spatial pixels of the cosmos are quite "staggering": Science would be able to probe Black-Holes, the edges of the cosmos (and any planet or point throughout the entire physical universe), the origins of the universe and its evolution, the evolution and history of our Planet Earth, its species and any historical event etc... Nevertheless, in order to Science (and Humanity) to be able to access this unlimited potential to "know"- "reach"- and "affect"- every exhaustive spatial pixel in the physical universe it needs to further investigate this unlimited potential associated with the "expansion" of the Individual Human Consciousness and its identity with the Universal Consciousness Reality! Moreover, it is suggested that based on the same intrinsic feature of this singular 'Universal Consciousness Reality' which is the moral-based 'Dynamic-Equilibrium' Principle stating that since the Universal Consciousness Reality constitutes a singular Supra-Spatial-Temporal reality it always strives towards a fundamental "moral-balance", i.e., it "corrects" any "moral-imbalance" produced by the infliction of (conscious) pain by one Individual Human Consciousness on another Individual Human Consciousness; So, it is hereby hypothesized that in order for any Individual Human Consciousness to "expand" into the Universal Consciousness Reality this necessitates a refinement and attainment of moral-balance, i.e., so that it would not be possible for any hypothetical "expanded" Individual Human Consciousness to "inflict-pain" on any other Individual Human Consciousness, which is hence termed: The "*Expanded Individual Human Consciousness Moral Contingency*" postulate! In a nutshell, this new 'Expanded Individual Human Consciousness Moral Contingency' postulate hypothesizes that since a basic feature of the Universal Consciousness Reality is its moral-based 'Dynamic-Equilibrium' postulate (e.g., asserting that the entirety of the Supra-Spatial-Temporal Universal Consciousness Reality constitutes a singular unity and therefore that any infliction of 'pain' by one Individual Consciousness upon another Individual Consciousness inevitably leads to a "balancing effect" of the infliction of parallel 'pain' to the inflicting Individual Consciousness); therefore necessarily the possibility of the "expansion" of Individual Human Consciousness is contingent upon an evolution of a Cosmic Morality or identification of the "expanding Individual Consciousness" with all other segments of this singular Universal Consciousness Reality (e.g., all other exhaustive spatial pixels in the universe in the "past", "present" and "future/s"\*\*)!

#### IV. THE UCR'S "FREE-WILL HYPOTHESIS"

We now come to a new subtle (yet profound) theoretical understanding associated with these recent discoveries centering on the singular production-sustenance- dissolution- and evolution- of each and every exhaustive spatial-pixel in the entire physical universe solely based on the operation of the Universal Consciousness Reality: First, we realized that the entire physical universe – does not exist “in and of itself” (“objectively”) but only as a manifestation of the Universal Consciousness Reality; Then, we understood that since the physical universe (and every exhaustive spatial-pixel within it) does not exist as an “independent-reality” but only as a manifestation of the singularity of the Universal Consciousness Reality – we were led to recognize certain “Law, Order and Intelligence” intrinsic characteristics of this singular ‘Supra-Spatial-Temporal Universal Consciousness Reality’, e.g., such as its ‘Dynamic-Equilibrium’ (moral-balance) principle, its ‘Universal Consciousness Reality’s Expansive Spectrum Hypothesis’ (pointing at its inherent tendency towards manifesting ever-broader ‘inanimate, animate, and human’ expressions of the Universal Consciousness Reality), as well as its continuous increased addition of exhaustive spatial-pixels to each subsequent USCF’s frame/s! Subsequently, we further realized the complete “Emptiness” of this singular Universal Consciousness Reality – i.e., which produces each and every exhaustive spatial pixel throughout the entire physical universe not based on any “previous” or “existing” physical “features” or “state”, e.g., of a given set of exhaustive spatial-pixels within a particular single or multiple USCF’s frames, but rather as solely ordained by this Universal Consciousness Reality! This amounts to the recognition of another (new) Universal Consciousness Reality’s “Free-Will Hypothesis” (FWH), which recognizes the complete “independence” and “Free-Will” of this Universal Consciousness Reality; which is not bound by any “physical laws”, or any “material-causal” relationships between any two or more exhaustive spatial-pixels’ features in any “existing” or “previous” USCF’s frame/s – but is only determined by this singular Universal Consciousness Reality’s “free-choice” (at any “minimal time-point” USCF’s)! We thus come to a profound new understanding of the physical universe – which represents only a manifestation of the singular Universal Consciousness Reality’s “free-choice” to create- dissolve- re-create- and evolve- each and every exhaustive spatial-pixel throughout the entire physical universe! We realize that whereas this singular Universal Consciousness Reality “chooses” to create- dissolve- re-create- and evolve- each such exhaustive spatial-pixel in the entire physical universe (at every minimal time-point USCF’s frame/s) it is not “bound” in any way by the physical universe’s “current”- or “previous” state, nor even by the Supra-Spatial-Temporal Reservoir

(hypothesis)! In that sense the Universal Consciousness Reality is completely “free” – possessing a complete freedom to “create”- and “evolve” any exhaustive spatial pixel in the universe as it ordains, albeit it seems that “ordinarily” (or “statistically”) this Universal Consciousness Reality “chooses” to follow the ‘Law, Order & Intelligent’ characteristics (mentioned above and previously) in its unfolding, sustenance and evolution of the physical cosmos... Obviously, this new UCR’s “Free-Will Hypothesis” opens the door for the recognition of new possibilities for “Universal Consciousness Reality’s Free-Will” based physical occurrences, e.g., including the possibility wherein “Individual Human Consciousness” which was shown to be “inseparable” from this Universal Consciousness (based on the ‘Universal Consciousness Reality’s Inseparability Principle’ postulate – may affect such “UCR’s Free-Will” occurrences or phenomena, as in prayer)...

#### V. A NEW UNIVERSAL CONSCIOUSNESS REALITY BASED SCIENCE: REVISITING EINSTEIN’S EQUATIONS

The emerging new picture of the physical universe – solely as a manifestation of the singular Universal Consciousness Reality which creates-dissolves- re-creates- and evolves- each and every exhaustive spatial-pixel within it (at every minimal time-point USCF’s frame/s), based on its “Emptiness” hypothesis, i.e., wherein the physical universe does not possess any “independent” reality but is rather entirely- and solely- produced by this Universal Consciousness Reality forces us to revise our basic conception of all Scientific inquiry (and disciplines): First and foremost, as demonstrated above since the only consistent (‘computationally-invariant’) element which manifests (and computes) every exhaustive spatial-pixel in the universe “during” every USCF’s frame/s, and also solely exists “in-between” any two consecutive USCF’s frames (without the presence of any physical universe) is the singular ‘Universal Consciousness Reality’, whereas the entire physical universe (comprised of the four basic physical features associated with ‘space’, ‘time’, ‘energy’ and ‘mass’ at each exhaustive spatial pixel/s) “dissolves” ‘in-between’ any two consecutive USCF’s frames (considered “computationally-variant”); therefore all Scientific Laws and Theories (e.g., in both Inductive and Deductive Science) have to be fundamentally revised based on the recognition that it is solely this singular Universal Consciousness Reality which creates-dissolves- re-creates- and evolves- every exhaustive spatial pixel in the entire physical universe – and therefore that all (Inductive and Deductive) Scientific laws, phenomena, and relationships have to be revised based on this new recognition of the sole reality of this Universal Consciousness Reality!



Indeed, a previous article (Bentwich, 2017k) demonstrated in what manner the discovery of the Computational Unified Field Theory (CUFT) 'Duality Principle', 'Computational Invariance Principle' and associated 'Universal Consciousness Reality' proved that Darwin's well-known "Natural Selection Principle" must be rejected as representing a "material-causal" relationship which is negated by these basic theoretical postulates of the CUFT! Succinctly stated, it indicated that since Darwin's 'Natural Selection Principle' is based on a 'material-causal' assumption wherein it assumed that it is the direct physical interaction between any given biological organism and an exhaustive set of 'Environmental Factors' which determine whether this particular organism will "survive" or be "extinct" – is negated by the CUFT's "A-Causal Computation" Paradigm (embodying the CUFT's abovementioned 'Duality Principle' 'Computational Invariance Principle' and 'Universal Consciousness Reality' theoretical postulates)! This is due to the fact that according to this CUFT's 'A-Causal Computation' Paradigm all exhaustive spatial pixels throughout the entire physical universe are computed *simultaneously* thereby negating the possibility of any such 'material-causal' relationships between any (two or more) exhaustive spatial-pixels existing at the same- or different- USCF's frames (e.g., given the fact that there cannot exist any "transference" or any "physical effect/s" across any two separate USCF's frames due to the "dissolution" of all exhaustive spatial pixels "in-between" any two consecutive USCF's frames). Instead, the 'A-Causal Computation' new Paradigm of 21<sup>st</sup> Century Theoretical Physics advocates that the sole "cause" for the particular series of USCF's depicting a progression from inanimate towards animate: plants, animals and humans is one of the intrinsic characteristics of this singular Universal Consciousness Reality, e.g., an innate tendency to manifest ever broader and "fuller" expressions of this Universal Consciousness!

In much the same manner, but more generally, it was already shown that the CUFT's 'A-Causal Computation' Paradigm challenges General Relativity's Einstein's Equations – and hence calls for a general fundamental revision of all Inductive and Deductive Scientific Laws: This is because it was already shown that the CUFT's A-Causal Computation Paradigm negates Einstein's Equations due to their reliance on a basic "material-causal" relationship wherein the state of "curved Space-Time" based on a certain dispersion of particular "massive objects" at a given USCF's frame/s "causes" the "movement-pathways" of those- or other- 'massive-objects', e.g., at a subsequent USCF's frame/s. This is simply based on the fact that no "physical" or "material-entity" or "physical-effect" can "pass"- or be "transferred"- from one USCF's frame/s to any subsequent USCF's (due to the complete 'dissolution' of all exhaustive spatial pixels in the

physical universe "in-between" any two subsequent USCF's)! Hence, the CUFT's 'A-Causal Computation' Paradigm asserted that instead of Einstein's Equations suggesting a dynamic 'material-causal' relationship between massive-objects' curving 'Space-Time' and 'Space-Time's' determination of the 'movement pathways' of these massive objects – there exists a singular "cause" for both the 'curvature of Space-Time' as well as of the 'movement-pathways' of those massive objects, which is the sole production- dissolution- re-creation- and evolution- of every exhaustive spatial-pixel in the entire physical universe by the Universal Consciousness Reality (at every minimal time-point USCF's frame/s)!

But, if indeed, Einstein's Equations (and the whole of General Relativity) have to be revised based on the Universal Consciousness Reality's sole production- dissolution- re-creation- and evolution- of each and every exhaustive spatial-pixel in the universe (at every minimal time-point " $c^2/h = 1.45^{42}$  second!), then we must also revise all other Scientific disciplines (and Models) accordingly: if indeed there cannot exist any 'material-causal' physical relationships between any two (or more) exhaustive spatial pixels existing either in the same- or other- USCF's frame/s and the only "cause" for the production- dissolution- sustenance- and evolution- of any exhaustive spatial-pixel in the entire physical universe is only the singularity of the 'Universal Consciousness Reality', then all other Inductive and Deductive Sciences (and models) must be revised to reflect this sole dependency of all physical phenomena, laws and operations strictly based on the Universal Consciousness Reality's intrinsic characteristics! Indeed, a new Universal Consciousness Reality based Science needs to emerge based on the CUFT's basic 'A-Causal Computation' Paradigmatic Shift in Twenty-First Century Theoretical Physics...

## VI. THE PHYSICAL UNIVERSE AS A "CAMOUFLAGE" OF THE UNIVERSAL CONSCIOUSNESS REALITY!

Indeed, the "full picture" of the CUFT's new 'A-Causal Computation' Paradigm is one in which the physical universe is seen from a completely different 'computational perspective': not only the physical cosmos was not "created" by a "Big-Bang" nuclear explosion some 13.5 Billion years ago – but is rather being continuously "created"- "dissolved"- "re-created"- and "evolved"- every  $1.45^{42}$  seconds anew by the singular Universal Consciousness Reality through its extremely rapid production of a series of 'Universal Simultaneous Computational Frames' (USCF's), e.g., just as this singular Universal Consciousness Reality has produced perhaps the first 'Big-Bang' nuclear explosion USCF's frame! In that sense, the cosmos is not less "created" every  $1.45^{42}$  seconds (now), then it

was "created" by this singular Universal Consciousness Reality with what may have been the first USCF's frame some 13.5 Billion years ago... But, this does not reflect the full scope of the fundamental metamorphosis of CUFT's new conception of the cosmos that arises from the recent discoveries of the CUFT's 'Universal Consciousness Reality' (UCR), UCR's 'Supra-Spatial-Temporal Reservoir' and 'Free-Will Hypothesis' etc.; This is because based on the *discovery of the 'Universal Consciousness Reality' – which constitutes the sole "unchanging reality" ('computationally-invariant') which both "creates"- "dissolves"- "re-creates"- and "evolves"- each and every exhaustive spatial pixel in the universe "during" each minimal time-point USCF's frame/s and also solely exists "in-between" any two consecutive USCF's frames (e.g., without the presence of a physical universe); it is now realized that the physical universe merely "Camouflages" the singular, true (and unchanging) reality of this 'Universal Consciousness Reality'!*

Indeed, the recent (and abovementioned) unraveling of the Universal Consciousness Reality's 'Supra-Spatial-Temporal Reservoir Hypothesis' (and its other intrinsic features such as the previously mentioned 'Dynamic-Equilibrium Principle', 'Law, Order & Intelligence' etc.), alongside its 'Universal Consciousness Reality Emptiness Hypothesis' and even its UCR's 'Free-Will Hypothesis' – all point at the complete dependency of the entire physical cosmos (and every exhaustive spatial pixel within it) upon its continuous "creation"- "dissolution"- "re-creation"- and "evolution" by the singular Universal Consciousness Reality ('Emptiness Hypothesis); the negation of the existence of any 'material-causal' relationships between any two (or more) exhaustive spatial pixels existing either within the same- or other- USCF's frame/s – which points at the Universal Consciousness Reality's "creation"- dissolution"- re-creation" and "evolution" as the sole "driving force" of the entire physical universe, e.g., thereby negating Einstein's General Relativity's Equations (as explained previously and above); Indeed, this new conception of the physical universe as merely a manifestation of the Universal Consciousness Reality even point at this Universal Consciousness Reality's "Free-Will", wherein it is realized that this Universal Consciousness Reality is not bound (at all) by any physical feature (law or constraint) of the physical cosmos to create- and re-create- or evolve any exhaustive spatial pixel in the universe as well as the entire cosmos as it wills (albeit it normally functions through its above mentioned characteristics of Law Order & Intelligence, Dynamic Equilibrium, etc...

As shown above, the generalized representation of the 'Universal Consciousness Reality' portrays it as the sole unchanging reality that manifests: both as the physical universe, e.g., "creating"- dissolving"- "re-creating"- and "evolving"- this physical universe "during"

it's extremely rapid production of each consecutive USCF's frame/s, as well the sole and singular existence of this Universal Consciousness Reality "in-between" any two such consecutive USCF's frames; As such, it becomes clear that the physical universe merely "camouflages" the sole existence of this singular 'Universal Consciousness Reality' – which is nevertheless the sole originating- constituting- dissolving and evolving- reality comprising each and every exhaustive spatial pixel in the entire physical universe (as well as the whole entire physical universe)... The physical universe becomes therefore a "living" "dynamic" representation of this singular Universal Consciousness Reality! Indeed, even the various "Physical Scientific Laws" such as the Laws of Conservation, Gravity, the four basic physical features of "space", "time", "energy" and "mass" – are all seen as originating- manifesting- existing- and evolving- solely as created and sustained by this singular Universal Consciousness Reality... The physical universe does not exist in and of itself as an "independent reality" but only as a manifestation of- and indeed as a "camouflage" for- the "real" reality of the singular 'Universal Consciousness Reality' which animates- sustains- dissolves- evolves- and transcends- each and every exhaustive spatial pixel in the physical universe (as well as the entire cosmos)!

## VII. A CALL FOR EXPERIMENTAL PHYSICISTS TO TEST THE CUFT'S DIFFERENTIAL-CRITICAL PREDICTION

As in in the case of Einstein's Relativity Theory (Paradigmatic Shift) – which in the final analysis "triumphed" over Newton's Mechanics due to the empirical verification of Relativity's Mercury's perihelion measurements (due to the curvature of space-time by the Sun's mass); So it is suggested that there is an urgent need for an empirical testing of (one of) the 'Computational Unified Field Theory's' "differential-critical predictions" (Bentwich: 2006; 2012 a & b; 2013 a & b; 2014; 2015; 2016; 2017 a-k) namely: that relatively "more massive" particles would be measured at a greater number of USCF's minimal time measurements (e.g., or even through sampling of minute time measurements) than "less massive" particles! Such empirical testing – if indeed verified experimentally, wherein a 'more massive' particle (such as the Muon) would be measured at a significantly greater number of minute-temporal measurements than a 'less massive' particle (such as the electron), then this would (undoubtedly) validate the CUFT as a satisfactory "Theory of Everything" more valid than both Relativity Theory and Quantum Mechanics, e.g., based on its previous extensive body of work indicating its capacity to resolve the principle theoretical inconsistencies between RT and QM, its explanation of a series of

unresolved Physical Conundrums such as "dark-matter", "dark-energy", the "Arrow of Time" etc., and its complete revision of our basic understanding of the physical universe – not as a "materially-causally" governed but rather as manifesting (and indeed "camouflaging"!)) the singular Universal Consciousness Reality which created- dissolves- re-creates- evolves- and transcends- the entire physical cosmos...

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### Dedication

This last article of the Special Issue of the Journal of Pure & Applied Physics (The Computational Unified Field Theory, A Paradigmatic Shift in 21<sup>st</sup> Century Physics) is dedicated to all those "brave new Scientists"

who are willing to contemplate a new (and different) conception of the physical universe – one which is “created” a new every  $1.45^{42}$  second by the singular Universal Consciousness Reality... To those “courageous” and “open-minded” scientists who are eager to find Truth, no matter how “non-common-sense” it may seem (at least initially)! May we all tread this path towards a True (unbiased) Science and ‘march-on’ to allow Humanity to discover and embrace ever higher realizations of this singular higher-ordered Universal Consciousness Reality!

*Special thanks to my dear friend-brother Motti Ben-Mordechai who shared my vision and supported my work during the past year, to my dear Beloved Mother Dr. Tirza Bentwich and to my mentor, Mr. Brian Fisher (for encouraging me to carry on my investigation of Truth); My love to Shoham and Nethanel my two dear beloved sons, dear beloved friends-family Pinchas Eliyahu (Allen) & Tamar Meitala.*

*What if* – there may have been a “Big-Bang” (nuclear explosion) but it did not “create” the universe; instead, the entire physical universe is being continuously “created”- “dissolved”- “re-created” and “evolved”- every  $1.45^{42}$  seconds by the singular ‘Universal Consciousness Reality’... *What if* – the universe expands (at an accelerated rate) but it is not due to any “dark-matter”, “dark-energy” (which does not exist!?!); rather its accelerated expansion is caused by this Universal Consciousness Reality’s increased number of exhaustive spatial pixels that it produces with every consecutive USCF’s frame/s! *What if* – “past”, “present” and “future”\* already exist within this Universal Consciousness Reality’s “Supra-Spatial-Temporal Reservoir”!? What if there exist certain basic features of this Universal Consciousness Reality such as its “Dynamic-Equilibrium” (moral-based) characteristic, or its inherent tendency to manifest ever more expansive inanimate, animate: plants animals and humans forms expressing this singular Universal Consciousness?! *What if*- this entire physical cosmos is not independent of- and is in fact solely created- sustained- dissolved and evolved- by this Universal Consciousness Reality, being only a manifestation of- (and a “Camouflage” for-) this singular Universal Consciousness Reality!? *What if* – this Universal Consciousness Reality possesses a “free-choice” to create- recreate and evolve- any physical state of the universe (not constrained by any physical laws or the universe’s current- or future- states)!? *What if*- our own Human Consciousness is not “separate” from this Universal Consciousness Reality (and can possibly affect this Universal Consciousness Reality’s creation- dissolution- re-creation and evolution- of any particular spatial pixels, e.g., such as through prayer etc.)?