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A Computational Unified Field Theory's Epilogue (CUFT): Possible Reversal of the "Arrow of Time" and Abolishment of "Death"!

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Introduction- 21st Century Physics is undergoing a major "Paradigmatic Shift" from its current "Material-Causal" Paradigm to the new 'A-Causal Computation' Paradigm associated with the 'Computational Unified Field Theory' (CUFT); As described previously [REF??] the need for such a 'Paradigmatic Shift' came about based on the existence of an apparent theoretical inconsistency between the two primary pillars of Physics, namely: Relativity Theory (RT) and Quantum Mechanics (QM) as well as a series of unresolved 'Physical Conundrums', e.g., including: "dark-matter" and "dark-energy" (which are purely hypothetical concepts referring to up to 85% of all of the mass and energy in the universe which cannot be observed empirically!?)

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A Computational Unified Field Theory's Epilogue (CUFT): Possible Reversal of the "Arrow of Time" and Abolishment of "Death"!

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I. INTRODUCTION

21st Century Physics is undergoing a major "Paradigmatic Shift" from its current "Material-Causal" Paradigm to the new 'A-Causal Computation' Paradigm associated with the 'Computational Unified Field Theory' (CUFT); As described previously [REF??] the need for such a 'Paradigmatic Shift' came about based on the existence of an apparent theoretical inconsistency between the two primary pillars of Physics, namely: Relativity Theory (RT) and Quantum Mechanics (QM) as well as a series of unresolved 'Physical Conundrums', e.g., including: "dark-matter" and "dark-energy" (which are purely hypothetical concepts referring to up to 85% of all of the mass and energy in the universe which cannot be observed empirically!?)

One of the emerging new properties of this new 'A-Causal Computation' (ACC) Paradigm is its principle negation of the existence of any "material-causal" physical relationships between any two (or more) exhaustive spatial pixels existing either in the same- or other- Universal Frames (UF's); But, if this 'A-Causal Computation' Paradigm is valid (e.g., see below 'Initial Empirical Validation' of this ACC Paradigm and prospective 'Call for Experimental Validation'), then it is suggested that another basic tenet of both RT and QM has to be revised, i.e., the "Arrow of Time" hypothesis! According to this 'Arrow of Time' hypothesis, "time" may only "flow" in one direction: from the "past" to "present" and "future" – but not vice versa! However, as will be explained (below) through a "Cinematic-Film Metaphor" (previously delineated) – just as in a standard cinematic film progression, we may be able to "roll" the film "forward" and "backwards", so it is suggested that it should be possible to manipulate any given "Physical System" such that it could not only progress based on this 'Arrow of Time' hypothesis (from the 'past' to the 'future'), but also in the "reversed order" – from the 'future' back to the 'past'! It may (obviously) seem "counter-intuitive" (initially) to hypothesize that such a "Reversed Arrow of Time" (RAT) may be possible, but once we take into account the full depth of the CUFT's new 'ACC' Paradigm's complete and total negation of any 'material-causal' physical relationship/s (at either the quantum or

relativistic levels), we reach the inevitable conclusion that such RAT postulate is tenable, e.g., and in fact may even be associated with an important "Universal Consciousness Reality's Reversed Time Goal Hypothesis" (UCR-RTGH), outlined below; Finally, this article sets to advance another new theoretical postulate entitled: the "Abolishment of Death Hypothesis" (ADH), wherein due to the possibility to "Reverse the Arrow of Time", and the ACC Paradigm's principle negation of any 'material-causal' physical relationship between any two (or more) exhaustive spatial pixels comprising any single or multiple UF's, therefore it may be possible to "abolish death" in any given biological organism, i.e., either through a manipulation of a "reversed sequence" of any biological organism's series of UF's or through a higher-ordered Universal Consciousness Reality's (equivalent) manipulation...

To fully understand the possibility of a 'Reversed Arrow of Time' (and potentially its associated "abolishment of Death") we begin with an analysis of the 'Cinematic-Film Metaphor' which is somewhat equivalent to certain features associated with the CUFT's Universal Consciousness Principle's computation of the (extremely rapid) series of 'Universal Frames' (e.g., comprising all exhaustive spatial pixels of the universe at every minimal time-point, $c^2/h = 1.45 \cdot 10^{-42}$ sec); The Cinematic-Film Metaphor likens the UCP's consecutive production of the rapid series of UF's to a standard film's production of a series of film-frames: Just as in a film's production the appearance of any given object's "energy" may be given through a computation of the degree of "displacement" of that object across a given number of film-frames, so the CUFT postulates that the 'energy' value of any given (relativistic) object or (quantum) particle based on the UCP's computation of that object's 'displacement' across a series of UF's, e.g., based on the UCP's two Computational Dimensions of 'Framework' ('frame/object') and 'Consistency' ('consistent/inconsistent'). Similarly, the CUFT postulates that the UCP computes the other three basic physical features of 'space', 'time' and 'mass' based on the possible combinations of these 'Framework' and 'Consistency' Dimensions (i.e., with 'energy' and 'space' representing the 'frame's' – 'inconsistent' and 'consistent' computational combinations, and 'time' and 'mass' reflecting the UCP's computation of an 'object's' –

'inconsistent' vs. 'consistent' combinations). Accordingly, the UCP's computation of "time" associated with any given object comprises the UCP's computation of the degree of that object's exhaustive spatial pixels' 'inconsistency' across a series of UF's. Significantly, the appearance of an "Arrow of Time" unidirectional progression from (that object's) 'past' to 'present' to 'future' changes (e.g., "inconsistencies") arises strictly due to the UCP's standard computation of the series of UF's in such a 'unidirectional' sequence; However, it is hereby hypothesized that akin to the 'Cinematic-Film Metaphor's' possibility to present any standard film – either in its "standard" 'past' to 'future' sequential presentation order, or conversely in a "reversed" 'future to past' sequentially ordered presentation; so it may be possible to manipulate the UCP's consecutive computation of any given series of UF's pertaining to any given object – such that the comprising exhaustive spatial electromagnetic pixels composition across a given series of UF's would be "reversed" (i.e., from its "standard" 'Arrow of Time' depiction from 'past to future'), thereby effectively "reversing" that object's 'Arrow of Time' time-flow)...

To fully comprehend the potentially far-reaching theoretical and pragmatic implications of such a possibility to reverse the 'Arrow of Time' (e.g., associated with any given object's composition across a series of UF's), we need to review the Paradigmatic Shift represented by the CUFT's new 'A-Causal Computation' Paradigm, i.e., especially in terms of its basic understanding of the UCP's computation- "dissolution" ('in-between' any two consecutive UF's)- sustenance- and evolution- of every exhaustive spatial pixel/s in the universe; Contrary to the "old" 'Material-Causal' Paradigm associated with both Relativity Theory and Quantum Mechanics, which assumes that the four basic physical features of "space", "time", "energy" and "mass" can be determined solely based on the direct physical interaction of a given relativistic observer and (space-time, energy-mass) 'phenomenon' or between a given subatomic 'probe' and 'target' particles, and that these four basic physical features exist "continuously"

II. METHODS

In order to test an initial empirical verification of the CUFT's specific prediction, wherein it may be possible to "reverse" the "Arrow of Time" – i.e., as it pertains to a simple Biological System, we propose the following Experimental Setup

The Experimental Design comprises of an Electromagnetic "Sensing-Computing-Stimulating Device" (SCSD) which is capable of measuring the precise electromagnetic values of all of the spatial pixels comprising any given Physical System, e.g., across a given series of USCF's frames (or even sampling thereof); Combined with a computing mechanism which

records those spatial-electromagnetic pixels' values of the given Physical System, e.g., in this initial Experiment the Physical System will consist of the single cell "amoeba" across its entire life-span from "birth" to "aged"; Combined with the SCSD's computation of the precise "Electromagnetic Stimulation Parameters" (ESP) necessary to invoke a "reversed-sequence" of the given amoeba's recorded USCF's frames' particular spatial-electromagnetic pixels corpus (e.g., at each subsequent USCF's frame/s).

In other words, the proposed Experiment will take a single cell 'amoeba' and apply the outlined SCSD apparatus to its life-span's changing electromagnetic spatial pixels' values in order to induce a "reversed-sequence" of its exhaustive pool of spatial-electromagnetic pixel's (values) across its life-span, e.g. from "birth" to "aging": such that hypothetically this amoeba's exhaustive spatial electromagnetic pixels' values would change from those comprising the "aged" amoeba's values gradually (i.e., in the precise reversed USCF's exhaustive spatial pixels' electromagnetic values) to its "young" exhaustive spatial electromagnetic pixels values composition!

III. DISCUSSION

To the extent that such a SCSD device could be constructed and to the extent that such a proposed Experimental Design subjecting a single cell amoeba to a precise recording- computing- and stimulation sequence for each of this amoeba's exhaustive spatial electromagnetic pixels would indicate that indeed this single cell amoeba "reverses its biological time sequence"; this would validate one of the key "differential-critical predictions" of the CUFT, i.e., of "reversing the Arrow of Time" prediction! This is because according to the CUFT "time" can be "reversed" – which stands in a clear contrast to the strict "impossibility" to "reverse-time", according to the predictions of both Relativity Theory and Quantum Mechanics; Once again, according to RT no physical signal can travel at a velocity greater than the "Speed of Light Constraint"- hence, it is not possible to "catch" any light signal which was emitted by any "past" event, e.g., therefore it is not possible to "reverse-time"! Likewise, in Quantum Mechanics, it not possible to "reverse-time" since any given subatomic "target" probability wave function is assumed to "collapse" following its direct physical interaction with another subatomic "probe" element – which results in the selection of only one singular "complimentary" (space-energy, mass-time) measured target value (e.g., out of the multifarious exhaustive target values embedded in the "un-collapsed probability wave function"); Hence, following any such subatomic direct physical interaction between a measuring subatomic 'probe' element and any given subatomic 'target' probability wave function – there occurs an "un-

reversible" "collapse" of the target's (assumed) probability wave function (e.g., from its exhaustive multifarious potential target values to a singular 'complimentary' "collapsed" measured target value). Therefore, from the perspective of QM it is not possible to "un-collapse" the already "collapsed" singular subatomic 'target' particle (complimentary 'space-energy' or 'mass-time') value – following its direct physical interaction with the subatomic 'probe' element, and return it back to its exhaustive dispersed "un-collapsed" probability wave function's multifarious values; Therefore, "time-reversal" is not possible theoretically either from the perspective of RT or from that of QM! Hence, to the extent that the CUFT's differential-critical prediction regarding the possibility of "reversing-time", e.g., as it pertains to the case of a single amoeba's life-span reversal, then this would comprise a clear validation of one of the CUFT's differential-critical predictions, thereby validating it as a satisfactory new 'A-Causal Computation' Paradigm of 21st century Physics.

The principle difference, then between the CUFT's new 'A-Causal Computation' Paradigm and the old 'Material-Causal' Paradigm – e.g., as it pertains to the "flow of time" is that whereas according to the old 'Material-Causal' Paradigm time flows uni-directionally from the "past" through the "present" to the "future" (the 'Arrow of Time'); according to the CUFT's new 'A-Causal Computation' Paradigm "time" can flow (at least theoretically) – in both directions, e.g., from the "past to the future" (as the 'Arrow of Time's' "unidirectional" sequence), or indeed also in the "reversed" sequence from the "future to the past"! In order to fully comprehend this new "exciting" possibility relating to the CUFT's new 'A-Causal Computation' Paradigm of 21st century Theoretical Physics, let us review (once more) the CUFT's new 'A-Causal Computation' Paradigm's computational definition of "time" (as well as of "space", "energy" and "mass"): According to the CUFT's new 'ACC' Paradigm, 'time' is computed based on the UCP's computation of the degree of 'object-inconsistent' measure across a series of USCF's frames; Specifically then, from the new ACC Paradigm's perspective the "flow of time" is not strictly constrained to flow "uniformly", e.g., according to the 'Arrow of Time', but can be made to "flow" in the reversed sequence, e.g., in terms of a given Physical System's exhaustive spatial electromagnetic pixels sequential USCF's frames' composition. It is important to mention (at this point) that this new theoretical possibility to "reverse-time" according to the CUFT's new ACC Paradigm can be affected in one of two means: a) through the abovementioned accurate recording- computation- and manipulation of the exhaustive electromagnetic spatial pixels' values of each of a given Physical System' (e.g., such as the amoeba case) – in such a manner which would reverse the electromagnetic spatial pixels' values

sequence (across a given series of USCF's frames); b) "time-reversal" may also be produced based on the (previously published) intrinsic possibility of Individual Human Consciousness to "expand" in such a manner that it can function equivalently to the 'Universal Consciousness Reality', i.e., in terms of its simultaneous computation of all exhaustive spatial pixels comprising each consecutive USCF frame (constituting the entire physical cosmos)...This second route for "time-reversal" can be affected through the utilization of the "expanded" Individual Human Consciousness mode in such a manner as to "reverse" any given Physical System's exhaustive electromagnetic spatial pixels' values across a given series of USCF's frames (similarly to the first route's physical manipulation of the amoeba's exhaustive electromagnetic spatial pixels' values).

The potentially significant theoretical implications of this new discovery of the CUFT – advocating the possibility to "reverse-time" may be twofold

- a) Empirically, the possibility to "reverse-time" – i.e., specifically even in the case of reversing "biological-time" (as in the specific case of an 'amoeba' as described experimentally in this article) may open the door for an attempt to "Abolish Death"! This is simply due to the fact that at least theoretically, if "time" can be reversed in any given Physical System – and can even be shown to be "reversed" in the case of a simple biological organism such as an 'amoeba', then it may be the case that "death" can be averted in the case of such an amoeba, or indeed may be expanded to apply to more complex organisms.. Once again, it is important to note that the CUFT's new 'ACC' Paradigm completely alters our basic conception of "time", its hitherto assumed "uni-directional" 'Arrow of Time' flow – instead advocating an entirely new approach wherein "time" merely constitutes the degree of change (e.g., 'object-inconsistency') across a series of USCF's frames, thereby allowing for the manipulation of "biological-time" to flow in the reversed order, which may also bring about the possibility of "abolishing death" altogether...
- b) The second possible theoretical implication stemming from the CUFT's new discovery of the possibility to "reverse-time" relates to the broader exploration of the Universal Consciousness Reality's origination- sustenance- and indeed "purpose" behind its consecutive production of any given Physical System's evolution with 'time': Indeed, we hereby advance a new "time-related" theoretical postulate of the CUFT named: the 'Universal Consciousness Reality's Reversed-Time Goal Hypothesis' (UCR-RTGH)

The "Universal Consciousness Reality's Reversed Time-Goal Hypothesis" (UCR-RTGH)

Succinctly stated, this new UCR-RTGH theoretical postulate postulates that the Universal Consciousness Reality may organize any given Physical System based on a "prospective-goal" which that specific Physical System is selected to fulfill! This new UCR-RTGH postulate may offer new useful insights to the further development of Theoretical Physics as well as other key scientific disciplines (e.g., and unresolved scientific enigmas such as Darwin's "Natural Selection Principle" which was shown to be negated by the CUFT's new 'A-Causal Computation' Paradigm); As shown previously, the CUFT's new 'A-Causal Computation' Paradigm negates any "material-causal" physical relationships between any two (or more) exhaustive spatial pixels existing either in the same- or different- USCF's frames, e.g., due to the simultaneity of the Universal Consciousness Principle's (UCP) computation of all exhaustive spatial pixels comprising any single USCF's frame. Indeed, this principle negation of the existence of any possible (relativistic or quantum) "material-causal" physical relationships at any single/multiple USCF's frame/s revolutionized Physics basic 'Material-Causal' Paradigm underlying both RT and QM: Specifically it was shown that Einstein's RT's "Einstein's Equations" must be negated as they are based on precisely such a 'material-causal' assumed relationships between "massive objects" and their "causing" of the "curvature of space-time", and conversely between this "curvature of space-time by massive-objects" and its "causing" of the determination of the "travelling pathways of massive objects". Instead, the new 'A-Causal Computation' Paradigm asserted that the origination- sustenance- and evolution- of every exhaustive spatial pixel comprising the entire physical universe at each consecutive USCF's frame/s, and even their complete "dissolution" between any two consecutive USCF's frames – can only be produced and computed by the singularity of the UCP. Hence, the new 'ACC' Paradigm negated the 'Big-Bang' Model's assumption wherein the entire physical universe was assumed to be created by an initial "nuclear explosion" which "caused" the creation of all "mass", "energy", galaxies and space etc.; Instead, the new ACC Paradigm postulates that the entire cosmos – including every exhaustive spatial pixel/s comprising it is being continuously "computed"- "dissolved"- "sustained"- and "evolved"- solely based on the (simultaneous) computation of this singular Universal Consciousness Reality (e.g., with each consecutive minimal time-point: " $c^2/h = 1.45\text{-}42 \text{ sec}$ ")! This new CUFT's 'ACC' Paradigm of 21st century Physics therefore also negated the existence of "dark-matter" and "dark-energy" as "superfluous" (e.g., as they also assumed the existence of similar "material-causal" physical relationships between these purely hypothetical concepts of "dark-matter"/"dark-energy" and the continuous explosion and accelerated expansion of the physical universe).

Instead, the CUFT's new 'ACC' Paradigm postulates that the accelerated expansion of the physical cosmos is due to the accelerated addition of the number of exhaustive spatial pixels comprising the entire physical universe – with every consecutive USCF's frame as computed by the singular UCP Reality. Another principle negation of a major scientific conception brought about by the CUFT's new 'A-Causal Computation' Paradigm is its challenging of Darwin's Natural Selection Principle basic paradigm of Evolution: As shown previously, due to the CUFT's new ACC Paradigm which negates the possibility of the existence of any 'material-causal' physical relationships between any (two or more) exhaustive spatial pixels existing either in the same- or different- USCF's frames, "Darwin's Natural Selection Principle's" basic assumption whereby it is the direct physical interaction between any given organism and its exhaustive set of 'Environmental Factors' which "causes" that object to "survive" or be "extinct" was negated! Instead, once again, the new ACC Paradigm postulated that it is solely the simultaneous computation of the UCP of every exhaustive spatial pixel in the universe (for each consecutive USCF's frame/s) which brings about the apparent "evolution"- and "selection"- of any given organism or specie... Thus, according to this new 'ACC' Paradigm the evolution of say humans from apes – has nothing to do with any direct physical interaction between any given "ancestor" ape organism and its direct physical environment which seemed to have favored the evolution of a genetically "mutated" "human descendent" (e.g., simply because according to this new 'ACC' Paradigm there cannot exist any direct physical interaction between any given organism and any exhaustive set of Environmental Factors); Instead, the CUFT's ACC Paradigm postulated a new Universal Consciousness Reality postulate wherein the UCR advances ever more expansive forms of "inanimate"→"animate": "plants"→"animals"→"humans"→"expanded Individual Human Consciousness" forms...

The fascinating new emerging basic feature of this singular Universal Consciousness Reality leads us to this new 'Universal Consciousness Reality's Reverse-Time Goal Hypothesis' (UCR-which postulates that this singular Universal Consciousness Reality may organize its continuous consecutive origination of every exhaustive spatial pixel comprising the entire physical universe based on its primary Goal to express ever more conscious, moral forms – ultimately leading to the "pinnacle" of the UCR evolution of the universe which is in the form of the "expanded" Individual Human Consciousness! In other words, instead of Darwin's Natural Selection Principle which was negated due to it 'material-causal' basic assumption the new UCR-RTGH postulates that the evolution of any given specific specie is driven by the UCR-RTGH which "plans" or "organizes" any successive exhaustive series of USCF's depicting

the evolution of any given specie based on its "end-goal" which is aligned with the abovementioned basic motivation of the UCR to express ever more expansive forms leading up to the human form and ultimately to its "Expanded Individual Human Consciousness" form! This new intriguing UCR-RTGH may apply to both an individual organism as well as to the entire specie – i.e., in both cases the UCR is hypothesized to "plan" a "reversed-time" sequence based on the "end-goal" fulfillment for that particular organism or specie: if for instance, the UCR's postulated "goal" for Individual Human Consciousness is to attain its "expanded" mode (e.g., it which is "unites" or is "equivalent" to the Universal Consciousness Reality), then according to this new UCR-RTGH, the UCR "plans" and "organizes" the entire sequence of the evolution of humans based on this overarching goal of evolving human beings towards the prospective 'Expanded Individual Human Consciousness' mode... In fact, since as illustrated previously (and above) the CUFT hypothesizes that the entire evolution of all 'inanimate', 'animate': 'plants', 'animals', and 'humans' is geared towards this general expansion in forms towards the attainment of the 'Expanded Individual Human Consciousness' form then it may be said that entire evolution of all inanimate, animate and human forms in the physical universe are geared towards the ultimate expression of the fully 'Expanded Individual Human Consciousness' form. Therefore, from the perspective of this new (progressive) UCR-RTGH postulate the entire origination- "dissolution"- sustenance- and evolution- of each exhaustive spatial pixel in the universe is solely organized from the "future" to the "past", i.e., from the "future" attainment of a fully 'expanded Individual Human Consciousness' towards all "past" and "present" USCF's frames' exhaustive spatial pixels' organization.. Indeed, if we take also into consideration another accompanying intrinsic feature of this singular 'Universal Consciousness Reality'- e.g., especially as it pertains to the dynamics of Individual Human Consciousness' in terms of the (previously outlined) 'UCR- Dynamic Equilibrium' (moral principle), we may appreciate the full scope of this newly postulated 'UCR-RTGH':

This is because according to this 'Dynamic-Equilibrium' moral principle, the Universal Consciousness Reality (UCR) is characterized by its basic moral balancing-principle, which necessarily counterbalances any infliction of "pain" or "suffering" by one Individual Consciousness upon another Individual Consciousness – such that the "inflicting" Human Consciousness has to endure the same proportionate "pain" or "suffering" that it inflicted upon another Individual Human Consciousness. (This is due to the fact that there does not exist any real "separation" between the various constituting "Individual Human Consciousness" comprising the same singular unitary Universal Consciousness Reality – therefore any "moral

imbalance" in which one Individual Human Consciousness inflicts pain upon another Individual Human Consciousness offsets the UCR's 'Dynamic-Equilibrium' moral principle which brings about an infliction of 'pain' or 'suffering' upon the 'inflicting Individual Human Consciousness' in order to restore the harmonious unitary wholeness of the singular Universal Consciousness Reality. This 'Dynamic-Equilibrium' (moral principle) is important in the context of the new UCR-RTGH which we discussed, because – at the Individual Human Consciousness level, the involvement of this 'Dynamic-Equilibrium' principle, together with the operation of the UCR-RTGH implies that we may be able to account for the various occurrences taking place for any Individual Human Consciousness through an understanding of that Individual Human Consciousness' selection of certain "moral" or "immoral" actions (e.g., inflicting 'pain' or 'suffering' upon another Individual Human Consciousness), together with the UCR general overarching basic drive to push every such Individual Human Consciousness towards fulfillment of its full "expanded Individual Human Consciousness" form. Thus, the new UCR-RTGH postulate may further advance Physics' basic understanding of the origin-sustenance- and evolution- of the physical universe based on the CUFT's new 'ACC' Paradigm which suggests that the singular UCR may (continuously) create- "dissolve"- sustain and evolve- each exhaustive spatial pixel in the universe based on its overarching UCR-RTGH purpose of evolving the physical universe to allow ever more expansive ('inanimate', 'animate': 'plants', 'animals', 'humans' etc.) forms leading to the highest most evolved expression of an 'Expanded Individual Human Consciousness' form. Indeed, such a UCR-RTGH postulate, e.g., alongside the CUFT's ACC Paradigm's basic Paradigmatic Shift, i.e., from the old 'Material-Causal' Paradigm towards the new 'A-Causal Computation' Paradigm places the major focus of 21st century Physics upon the further investigation and discovery of the singular Universal Consciousness Reality's basic characteristics and features pertaining to its 'Reversed-Time-Goal Hypothesis' program for evolving the physical universe to fulfill the UCR's purpose of expressing the fullest and most exhaustive forms of the Universal Consciousness Reality.

Finally, it may be worthwhile to highlight the fact that the discovery of this new 'UCR-RTGH' theoretical postulate may further strengthen the abovementioned CUFT ACC Paradigm's unique "differential-critical" prediction regarding the possibility of "time-reversal" (e.g., and by extension also of "death-abolishment!"); This is because if indeed the Universal Consciousness Reality may compute- and organize- the entire sequence of USCF's arrangement from the "future to the past" – e.g., based on the fulfillment of a particular overarching "goal" of allowing each inanimate, animate (plants, animals and humans) to evolve towards the

ultimate "Expanded Individual Human Consciousness" form; then this demonstrates the very possibility of the Universal Consciousness Reality's – arrangement of the given series of a given 'inanimate', 'animate', etc. form in the "reversed-order" e.g., relative to the currently assumed 'Arrow of Time' unidirectional sequence! But, if it is possible for the UCR to (implicitly) arrange the given series of USCF's frames in the "reversed-order" (from the "future" to the "past"), then based on the (abovementioned) "Individual Human Consciousness Expansive Spectrum Hypothesis" (IHCESH) – which postulates that the "expanded" Individual Human Consciousness can function equivalently to the Universal Consciousness Reality, it should be possible for the "expanded" Individual Human Consciousness to also access such "reversed" 'future to past' sequential order within the exhaustive corpus of (simultaneously existent) exhaustive USCF's of all "past", "present" and "future/s"... Moreover as stipulated above regarding the Experimental design geared towards validating the possibility of "time-reversal"- based on the precise recording- of each and every exhaustive spatial pixels' electromagnetic value (comprising a given Physical System such as an amoeba) across a given series of USCF's frames – and a computation of the necessary specific electromagnetic stimulation parameters that need to be applied to each exhaustive spatial pixel comprising the given Physical System (amoeba) in order to affect the production of this amoeba's "reversed-life-cycle" sequence of exhaustive spatial pixels comprising the amoeba at each previous USCF's frame... Despite the probable "instinctive" opposition to the very possibility of "reversing-time" and (even more so) the possibility of averting- or abolishing "death", it should be noted that not only the basic conception of "time" based on the CUFT's new 'ACC' Paradigm changes "dramatically" – which allows for a complete revision of our basic assumptions regarding the uni-directionally assumed 'Arrow of Time' flow, but also our current understanding of "life" and "death" also must necessarily undergo a fundamental metamorphosis: Instead of "time" existing as a "semi-objective" reality which exists continuously, e.g., based on the direct physical interaction between a relativistic observer and a given relativistic (space-time or energy-mass) 'phenomenon', or between a given subatomic "probe" and "target" elements (e.g., which brings about the "collapse" of the target's probability wave function) – the CUFT new 'ACC' Paradigm regards "time" as merely the computation of the UCP of the degree of "object-inconsistency" (change) across USCF's frames, e.g., with no particular constraint imposed upon the "uni-directionality" of the flow of "time". Therefore, to the extent that the precise electromagnetic-spatial pixels' values of a given amoeba (across a given number of USCF's frames) can be "reversed", then that amoeba's "biological time" can indeed be reversed! Moreover, even the existence of

"death" may be "averted" or "abolished" based on the same (abovementioned) reversal of the electromagnetic-spatial values sequence comprising the amoeba's life-cycle; This is because according to this new ACC Paradigm there cannot exist any "material-causal" physical relationships between any (two or more) exhaustive spatial pixels existing either in the same- or different- USCF's frames, so that there does not exist any "necessary" between the passage of "time" and an amoeba's (or any other organism's) "aging"! As indicated above, the 'ACC' new Paradigm negation of the 'Material-Causal' old Paradigm's unidirectional 'Arrow of Time' assumption – arises from the fact that the UCP's (apparently) "standard" sequence presents the USCF's frames in the "past to present to future" order, but this new ACC Paradigm does not negate at all the possibility of presenting the given USCF's particular electromagnetic spatial pixels comprising any given organism (or Physical System) in the "reversed": "future to past" order! Hence, both "aging" and "death" do not represent any "necessary" consequence stemming from any basic "causal" relationship between the flow of "time" and the "aging" or "death" of a given organism – but only represent the "standard" sequence in which the UCP regularly presents the life-sequence of that given organism (amoeba). If however, this specific sequence of exhaustive electromagnetic-spatial pixels can be "reversed", e.g., such as for example through the suggested manipulation of the amoeba's electromagnetic-spatial pixels values "reversed-sequence", then there is no principle reason that the amoeba's "death" may not be averted or abolished! Finally, it should be noted that it is precisely due to the CUFT new 'ACC' Paradigm which negates the existence of any "material-causal" physical relationships between any two (or more) exhaustive spatial pixels in the universe (at any single- or multiple-) USCF's frames; and which (instead) postulates that every exhaustive spatial pixel in the universe is continuously being "computed" by the singular UCP at every consecutive USCF's frame/s – followed by its complete "dissolution" "in-between" any two consecutive USCF's frames; therefore the CUFT previously stipulated the 'Computational Invariance Principle' and associated 'Universal Consciousness Reality' theoretical postulates which essentially assert that since only the singularity of the 'Universal Consciousness Reality' exists continuously both "during" each consecutive USCF's frame/s (e.g., solely computing every exhaustive spatial pixel's four basic physical features of 'space', 'time', 'energy' and 'mass') and also solely exists "in-between" any two consecutive USCF's frames; whereas those four basic physical features (pertaining to each exhaustive spatial pixel in the universe) exist only "during" each consecutive USCF's frame/s (as solely being computed by this singular UCP) but not "in-between" any two consecutive USCF's frames (wherein only the singular UCP exists

without the presence of any physical universe); therefore the 'Computational Invariance Principle' and 'Universal Consciousness Reality' theoretical postulates assert that only the "computationally invariant" 'Universal Consciousness Principle (UCP) may be regarded as "real" or "permanent" whereas those four basic physical features of 'space', 'time', 'energy' and 'mass' may only be regarded as "computationally-variant" (e.g., transient and 'phenomenal'); Hence, the 'Universal Consciousness Reality' postulates that there exists only one singular 'Universal Consciousness Reality' which exists continuously and uniformly both "during" each consecutive USCF's frame – giving rise to the four basic physical features of every exhaustive spatial pixel in the universe, and also solely exists (without the presence of the physical universe) "in-between" any two consecutive USCF's frames, and wherein the entire physical universe (and every exhaustive spatial pixel comprising it at each consecutive USCF's frame/s) is seen as not separate from- and in fact only a manifestation of- this singular Universal Consciousness Reality! Indeed, viewed from this new CUFT 'ACC' Paradigm's higher-ordered perspective, since every exhaustive spatial pixel in the universe "dissolves" in-between any two consecutive USCF's frames, and since each exhaustive spatial pixel is seen as "inseparable" from the continuous and permanent existence of the singular Universal Consciousness Reality, then in truth that cannot exist any real "death", i.e., of any exhaustive spatial pixel in the universe (including of any biological organism) but only the alternation between its "appearance" and "computation" by the UCP "during" each consecutive USCF's frame and "dissolution" – i.e., back into the singular UCP "in-between" any two consecutive USCF's frames... Nevertheless, it becomes completely feasible to "reverse-time" and "abolish-death" through the abovementioned suggested Experimental Design of a precise recording- computing- and specific electromagnetic stimulation of every exhaustive spatial pixel comprising any given biological organism (such as the amoeba) in such a manner as to produce that organism's "reversed-spatial-electromagnetic values" across the organism's recorded life-cycle...

Dedication:

This article is dedicated to my dear beloved Mother Dr. Tirza Bentwich and my two beloved sons, Shoham and Nethanel;

It is also dedicated to Science- and Humanity's- (sincere) quest after Truth (with the deep prayer that It may not be afraid to "let go" of "old conceptions" (and Paradigms) in pursuit of the full scope Truth, which points at the singularity of a Universal Consciousness Reality which unifies- integrates- and transcends- the apparent constraints of the old "fragmented" 'Materialistic-Reductionistic' Paradigm. May Humanity "march-on", reach higher towards this singular higher-

ordered Universal Consciousness Reality which creates- sustains- and evolves- every exhaustive spatial pixel throughout the entire physical universe so many times per second...

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