Universal Recursive Tessellation Based Scheme To Derive The Evolution Scheme Of Any Aspect Set Of Concern {Evolution Through Quantization (Version Two)}

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Abstract

The author has detailed some important notions regarding *Evolution* (Of the type of our *Universe*) here, in this research manuscript.

Theory

Evolution Pointer 0

One can note that the geometric representation of '*TessellationsOf Numbers*' can be used to understand the concept of *Evolution*. To this end, we first consider a '*Scalene Triangle*' as the basis element for generating the *Tree* of such *Tessellations Of Numbers*. For example,

Number '1' can be represented by *One* such aforementioned *Scalene Triangle* graphically,

Number '2' can be shown by *Two* such aforementioned *Scalene Triangle*'s graphically,

wherein the *Second Triangle* is added to the *First Triangle* along a side such that it allows *Tessellations*, i.e., the *Tessellation Co-ordinate's* of the *Added Triangle*'s third vertex forms *One Recursive Tessellations Set*, i.e., which satisfies the *Definition Of Tessellation*, i.e., enables *Tessellation* to *Eternity*.Such *A Co-ordinate* can be simply found by just *GenericallyChecking*all the *Possible Co-ordinates* to see if they '*Satisfy*' the *RecursiveTessellation Equations* representing the*Tessellation Type* of concern used.By all '*Possible Co-ordinates*', we mean the *Set of Group of Co-ordinates* gotten as the possibilities as *Third Vertex* of the *SecondTriangle(*to be added onto the *First One* using one of its sides as the *Common Side* to the to be added *Second Triangle*while considering*Tessellational Growth*) whereinthe aforementioned *Vertex*is opposite to the side which was used as the common side for *Tessellational Growth, i.e.,* the afore-discussed*Addition*.

Furthermore, such aforementioned *Generic Check*for *Tessellational Compatibility*involves checking such Compatibility consecutively for *Three (3) Generations* of *Tessellational Growth*.

In the same fashion, the same analogy holds for representation of any number's *Tessellational Representation's Growth Scheme Of Any 'Number' Of Concern.* One can note that one can use this Scheme to *Evolve* any aspect *Universe* of concern.

Evolution Pointer 1

Now, as far as Evolution of any aspect is concerned, once it's *Primality* is slated in terms of *Numbers*, one can use the author's {[8] *'Recursive Consecutive Element Differential Of Prime Sequence (And/ Or Prime Sequences In Higher Order Spaces) Based Instantaneous Cumulative Imaging Of Any Set Of Concern'* available at http://www.vixra.org/abs/1510.0091 as viXra:1510.0091} and [4] *'Universal One Step Natural Evolution And/ Or Growth Scheme Of Any Set Of Concern And Consequential Evolution Quantization Based Recursion Scheme Characteristically Representing Such Aforementioned Evolution And/ Or Growth'* available at http://www.vixra.org/abs/1510.0030 as viXra:1510.0030} to consider it's *One Step Evolution.*

Evolution Pointer 2

However, one should note that *Evolution is Quantized* {see author's [22], *'Theory Of 'Complementable Bounds' And 'Universe(s) In Parallel' Of Any Sequence Of Primes Of Rth Order Space'* at http://www.vixra.org/abs/1510.0428 as viXra:1510.0428 and [13] *'Evolution Through Quantization'* at http://www.vixra.org/abs/1510.0144 as viXra:1510.0144}. Therefore, one needs to update the Evolution incorporating in commensuration, the concepts in [22].

Evolution Pointer 3

Also, one can note that one can consider the *Constraint* of *Restriction* Of *Time* on *Evolution*, i.e., as the *Universe* is ever *Evolving* and such *Evolution* is due to the *Local Recursional Field Intensity Gradient* characteristic of the location at which the Evolution of any aspect of concern is considered. Furthermore, one should note that such aforementioned *Recursionl Field Intensity Strength Function* itself is a *Function* whose *Range Conforms* along the *Prime Metric* (constructed using *Sequence Of Primes Of 2nd Order Space* and/ or *Sequence Of Primes Of Higher Order Space*) and therefore, if a certain *Aspect Of Concern*'s *Primality* (considered at a Certain Order Of Recursion Intelligence) is unable to reach a

state of Evolution commensurate with *Time Restriction*, the *Evolution Recursion Intelligence* switches to the *Next Higher Order Of Recursion Intelligence*. By *Time Restriction*, we mean a function, i.e., a *Map* between the *ConsecutiveDifferences OfRecursional Field IntensityStrength*and the *Pair Of Consecutive Prime Metric Bases*(constructed using*Sequence Of Primes Of 2nd Order Space* and/ or *Sequence Of Primes Of Higher Order Space*, whichever is appropriate, as the author assumes that a seasoned reader of the author's works can easily infer the same). That is, if a certain *Apect*'s*Primality*, which ischaracteristic of a *Certain Position* in some *Prime Metric* constructed using some *Sequence Of Primes Of (Higher) Order Space*does not reach there,when it is intended to as is ordered by the aforementioned *Restriction*, then the *Evolution Scheme* switches to the next available *Order Of Recursion Intelligence Of Evolution*.

Evolution Pointer 4

*One can also say that **Continual Evolution** to exhaustion of a given Set bestows a given set with its Complete Recursive Sub-Sets (and also the Complete Recursive Orthogonal Sub-Sets) Of The Given Set Of Concern Found Continually To Exhaustion Such That The Primality Sets Of The Additional Elements In Addition To The {Original Given Set With Its Complete Recursive Sub-Sets (and also the Complete Recursive Orthogonal Sub-Sets) Of The Given Set Of Concern Found Continually To Exhaustion} Generated By Way Of Such Aforementioned Evolution, Also Form One Complete Recursive Set.*

One can find the *Recursion Scheme* of any *Aspect Of Concern*and can find the components of it along the '*Universal Basis Vector Formed By Pi Value And/ Or Its Higher Order Equivalents Up To A Certain Order Of Concern Necessitated By Our Investigation Of Concern*' and can evolve {along the *Optimal (Primality) Path* wherein the *Pi Value And/ Or Its Higher Order Equivalents* of the aspect of concern is along an ever increasing *Precision* Of *Pi Value And/ Or Its Higher Order Equivalents, Path*. Furthermore, one should note that the *Increments Design*of the aforementioned Precision Increase in *Pi Value And/ Or Its Higher Order Equivalents* must themselves *Conform* to thean *Ever Increasing Precision* Of *Pi Value And/ Or Its Higher Order Equivalents, Path* and so on, so forth, continually, we repeat such implementation as many times as is necessitated by our investigation of concern.
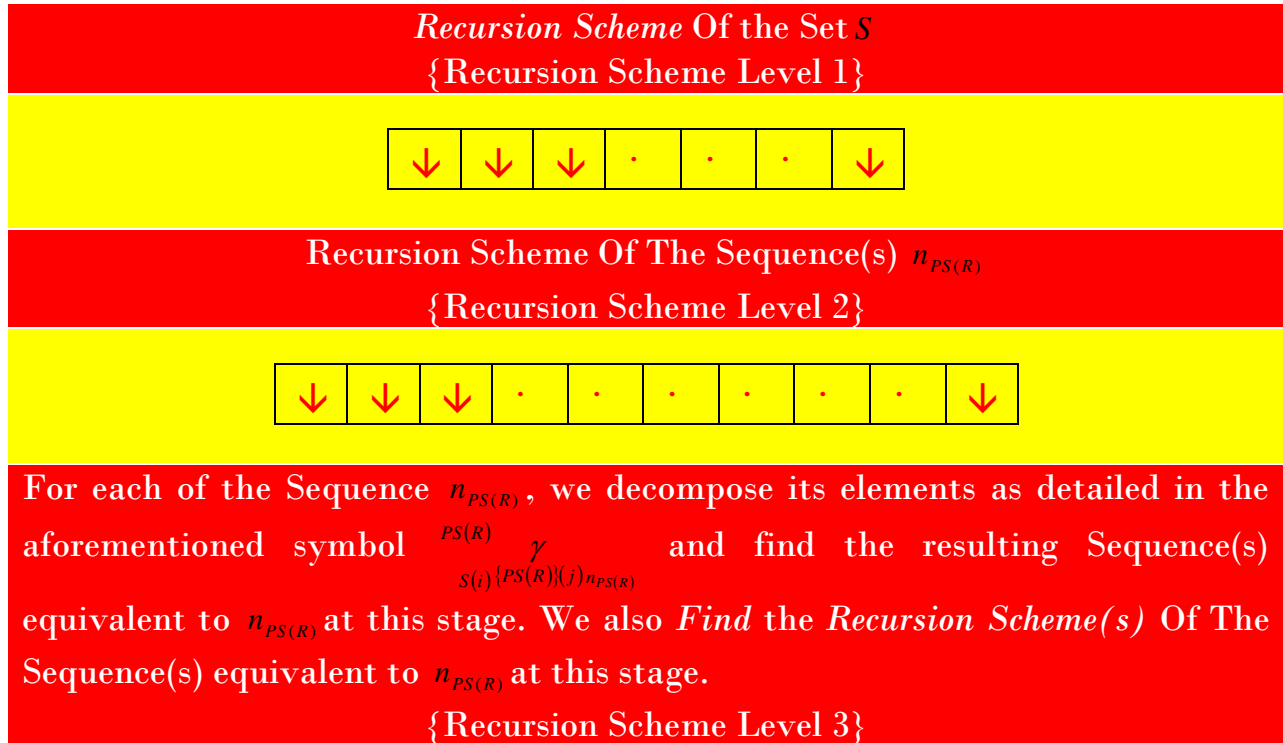
Direction Of Evolution

Evolution happens because of ever existing* {*such never ceasing existence is due to the ever asymmetric presence of *Perception Gravity Fields* driving *Recursional Evolution* on both arms of the *Infinity Geodesic of* *The Aspect Of Concern*} the *Algebraic Difference* between the *Entropy* of the *Redundancy* in *Primality* of an *Aspect Of Concern* and the *Entropy* of the *Redundancy In Primality* Of it's *Complementary Aspect Of Concern* (that exists beyond the *Inflexion Point* Of The *Infinity Geodesic Of The Aspect Of Concern*). The net algebraic sign of such aforementioned difference governs the *Direction* of the *Evolution* of any *Aspect Of Concern.* Therefore, one can compute *Instantaneous Infinitesimal Change In The Direction of Evolution* using the aforementioned fact. In the *Ancient Culture of Great China*, The *Yin* and *Yang* are supposed to represent *Any Aspect Of Concern* and it's *Complementary Aspect Of Concern.* The *Redundanacy In The Yin* Is what creates Yang and the *Redundancy In Yang is what creates the Yin.* And together they form *the* *Universe* and also drive *the Universe.*

Evolution Pointer 6

Given a set S with some number, say n_S number of elements, we can firstly distill its elements as belonging to the *Sequence(s) Of Primes Of Higher (greater than and/ or equal to 2) Order Space(s)* i.e., we can label each element of S as $\overset{PS(R)}{\underset{S(i)\{PS(R)\}(j)n_{PS(R)}}{\gamma}}$ where $PS(R)$ denotes the *Order Space Number Of The Sequence Of Primes* to which this element belongs, $n_{PS(R)}$ is the subscript denoting *The Total Number Of Element*s of $S(i)$ that belong to the *Sequence Of Primes Of Rth Order Space and* $\{PS(R)\}(j)$ denotes the *The Position Number* of this element in the Set $PS(R)$. Also $S(i)$ is *The Position Number* of this element in the Set S. We also note (*Find*) the *Recursion Scheme* Of the Set S and the Sequence(s) $n_{PS(R)}$.

For each of the Sequence $n_{PS(R)}$, we decompose its elements as detailed in the aforementioned symbol $\overset{PS(R)}{\underset{S(i)\{PS(R)\}(j)n_{PS(R)}}{\gamma}}$ and find the resulting Sequence(s) equivalent to $n_{PS(R)}$ at this stage. We also *Find* the *Recursion Scheme(s)* Of The

Sequence(s) equivalent to $n_{PS(R)}$ at this stage. We keep repeating this procedure till we can no longer perform such operations. We now now use the Recursion Schemes as shown below

Recursion Scheme Of the Set S
{Recursion Scheme Level 1}

↓	↓	↓	·	·	·	↓

Recursion Scheme Of The Sequence(s) $n_{PS(R)}$
{Recursion Scheme Level 2}

↓	↓	↓	·	·	·	·	·	·	↓

For each of the Sequence $n_{PS(R)}$, we decompose its elements as detailed in the aforementioned symbol $\gamma^{PS(R)}_{S(i)\{PS(R)\}(j)n_{PS(R)}}$ and find the resulting Sequence(s) equivalent to $n_{PS(R)}$ at this stage. We also *Find* the *Recursion Scheme(s)* Of The Sequence(s) equivalent to $n_{PS(R)}$ at this stage.

{Recursion Scheme Level 3}

to orient the *Refinement Of The* (Constructed using *Evolution Pointers 1 through 5*) *One Step Evolution* *Recursion Scheme* of the to be *Evolved Aspect Of Concern* detailed in the above detailed *Evolution Pointers 1 through 5*. *The Recursion Common* to all the Recursion Schemes at all three levels gives us the best aforementioned orientation of desired concern.

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