Uniqueness, Self Belonging and Intercourse in Nature

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Abstract

Biological organization is discussed within a holistic framework . A new orientation is presented of natural processes with an approach in model construction that is focused strictly on physical form and centered away from abstractions that escape the perceptual senses, lead towards the postulation of non-verifiable and non-witnessible entities. A universal construction composed of first perspective representations of path, witness as unique loci in volumes of space delineated as surfaces that are rendered from planar projections, themselves projections from the coordinates of linear motion. A dynamic heterogeneous unit structure as a shape, existing at all loci, is shown to be emerging in both volume and number in a natural set, *Natures' Set*, confined in test to the descriptive elements uniqueness, self belonging, self avoiding, emerging. Conceptual and physical form, self belonging, and non self belonging respectively, are proposed to exist in a unique shape that can be generated graphically.. Memory, reduced in definition to the quality of path, is accounted for biologically as energy-matter transformation: the existence of DNA (a likewise linear set of loci from which surfaces and volumes are ultimately rendered) is attributed as 'a piece of energetically active path' arising as a failure of (path possessing) energy to find a ground state within a course outlined by a geometrical inversion of inside and out that is inherent to the presented model.. An accounting of the universe, the existence of life, DNA, is suggested to entail a shape as a primary universal.

Introduction

The world is discussed and framed so that it does not evolve divisions alike the conceptual division between Special and General Relativity in which emerged divides are suggested to be parallel to and emerged from paradoxes of mind-matter, the self and nature. Of all of the potential properties of the unique universe, emergence, affinity, self avoidance , etc., self belonging is never a characteristic of

unique and energy metabolizing spaces/entities. A list of sets of unique things can contain itself. It is suggested that in descriptions of nature only sets of unique concepts can contain themselves. Of nature, the list of self belonging sets involves only the conceptual and unique in contrast to the physical scientific object; the list of non self belonging things is necessarily a list of the physical, though all physical entities are also, as in the conceptual, unique with respect to exact identity in time and space. Ontological classification, a concept - i.e. the set of validly applied concepts with respect to the physical is argued to also be unique as it is evolved from the unique set of unique physical objects and does not suffer actual pluralities. In this sense sets that describe nature, i.e.-concepts that originate from the sensual experience of nature, necessarily refer to physical characteristics of nature**,** the concept of the concept necessarily also refers physically as it is similarly evolved from the experience of physical nature, from physical nature. In brief, the concept of nature, a set descriptive of nature belongs to itself as conceptual rendering of the physical, of the physical volume, that comprises the environment, space. In the same breath, if nature is taken in definition to be a volume, composed of volumes, any part or the whole exists as a physical volume, it also can be viewed physically to belong to itself as a composite of volumes. Thus as a concept nature is self belonging and as a physical existence it is self belonging, but it is hardly conceived to classify the heterogeneous physical entities of which nature is composed, divided into classes, as self belonging.(see ref. 1). For instance, though the set of ordinary grasses is a set of ordinary grasses, the set of ordinary grasses is not thought of as belonging to the set of ordinary grasses, but to the set of plants, the set of plants to the set of living things; the set of living things is, in a corresponding manner, not a living thing and does not belong to itself. Volumes in nature are all part of a bigger volume, concepts are all concepts about physical volumes. Since the arrangement of elements in nature as well as its' conceptual structuring entails one element as a container for the other it is logical to assume that at least one element is always present that is unwitnessible by at least one other element-i.e.

the containing element. In order to construct theory common sense dictates that it necessary first to find concepts that contain description that might be applicable universally from a first person witness perspective and are not inductive to be untestable. The concept itself, as the means of test, arises from and attains its structure similarly by test, must also grow to parallel the structuring of the environment to which it is applied, and which in turn is a manifestation of the paths of energy that mold it. It is not illogical to equate a suitable conceptual shape as a concept with a suitable ubiquitously, physically existing shape, especially if, in analogy to rational and scientific applications, it is capable to assume other than symbolic form/shape, but a rendition from numbers, mathematics. Numbers, comprising the whole means of rational application to the physical in analogy can be argued to be absent from valid conceptual descriptions of nature and to be present only in the case of perceptual experiences involving instances amenable to physical test and measurement, involving strictly the physically emerging world. .

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Discussion

Love, avoidance, liking, thoughts of beauty, ugliness, sexual attraction are some of the categories that might be affirmed as belonging to the set of relations called affinities. An outline of all of the influencing elements belonging to each of these terms becomes very difficult from notions of concepts and particulars (2, 3) .i.e.- what factors are involved in the emergence of feeling of love, and what factors comprise those feeling. A unique history to each unique event in the emergence of feeling of love is most likely the case. The factors that accompany those feeling identified with love (i.e. of a positive feeling of well being, a change in perception of factors that influence daily life experience, etc), are accessible, their origin and history is difficult to tabulate. It is suggested that origins and history of phenomenon are not essential to their elucidation. This presentation is devised to focus on the normally conducted projections and extensions of notions in ordinary investigation to these ends. The word "affinity" in ordinary

usage, instantiatable to topics in both the social sciences and natural sciences bears a transverse temporal quality that is relatable from a first person perspective but has no fitting universal role in broad perspective with which to understand natural emergence.

In discussions of emergence (,4,5,6,7,8,9,10,11,12) the first perceived task is to create an order to events and to proceed to attempt to find a uniting principle which observation must cohere to. It is in this step that a philosophical failure universally ensues in the name of a definition of self, the external world, and a demand for objectivity. A very broad un-orderable divide generally emerges, leading to a dependency on complex mathematical analysis, statistical analysis, and applied physical law of the same conceptually divided origin. In order to find predictable trends and what might modulate them, the inclination for excess mathematical modeling can be reduced with the elimination of searches for seeds in chains of cause and effect, to sublimate their existence to a commonly possessed nature of affinity between all elements of a system.

It seems logical to define affinity as basic and universally applicable to both all experience and all that is un-witnessible, as the motive force of all emergence in treatments of either the sociological of scientific. In order to create an infinitely more powerful perspective on mankind, life and nature, instrumental elements responsible for circular reasoning, false scientific constructs and frustration in pursuits might be resolved and applied.

Enzymatic action in metabolism can be dissected as a matter of not only environment , proximity, but a fitting of physical structures based on forces related to proximity. The functioning of DNA , composed of a simple physical code (13) is also based on affinities for correct mating. DNA not only can replicate itself, undergo mutagenesis, but in a similar manner based on an inherited heterogeneity in structure, direct the assembly of enzymes, proteins whose structure and function are based on a property of affinity. Affinity is thus a very basic term in the biological sciences. It is classified in terms of work functions in the physical sciences. In facets of daily events , affinity is assumed as a temporally transverse quality in which an incomplete rather than a whole series of

events is considered by the intellect . In an attempt to bridge the social and natural sciences, put to question is the necessity, assumed in the natural sciences, to describe a whole series of events in order to find a satisfactory elucidation of nature for scientific purposes. Social affinity is set aside in a mask of objectivity because from its' perspective it has not been possible to accommodate the more longitudinal, less transient aspects of emergence in a manner that includes them. Hence renditions of nature, not avoiding the more transient aspects of nature have become the opposite, centered around facts of affinity and fitting. . Evolved from this situation are complex interpretations oriented towards problems of biological identity, genetics, a metaphysics of identity ridden with paradox in which the whole conceptual longitudinal progression of time is corrupted with penetration by transverse elements that are construed from ideations filled with notions of affinity and devoid of lesser understood notions of emergence.

In the course of scientific pursuit it may be discovered "I am sure surprised that all these elements of the cell work this way, by fitting together"; a beauty arrives to it from which explanation becomes more simple until exceptions are found. A parallel between sociological affinities and affinities as enzymatic or mating DNA structures according to their cellular roles might be drawn, but still appear inappropriate and unfitting within the demands for analytical accuracy of the natural sciences. If sociologists seek the same analytical type accuracy and precise measurement of the sciences, the two studies have nothing in common. In the sciences, almost all types of data can be reduced to matters of length/distance and time. Sociological factors, not accounting for physical functioning appear hardly dividable that way. A more viable bridge is attained from a perspective relating either as "emerged affinities" within a state that is assumed to be chronically and perpetually heterogeneous in nature, emerging. Affinity and fitting, innate to all aspects of the natural world thus do not explain it.

Affinity, as the conceptual component of emergence, motive force, appears to be universal. In order to construct a total concept from the products of observation as transient, transverse views of temporal processes, description needs to be made exactly longitudinal in nature, to exclude the temporarily transverse, less understanding suffer a case of penetration with misunderstanding that renders lines and strings (of information-i.e. DNA) instead of whole volumes. A life form built physically of strings of information may be conjectured not to exist and it might be proposed that mankind is actively, with a misapplied affinity for the line rather than the whole volume, filling his own occupied volumes of space similarly, with a thinness found from experimental proceeds derived from incomplete and simpler than real conceptualizations.

Natures Set

In attempts to construct a descriptive set that might be called *Natures' Set* reference might be established that is restricted to the most general facets that can be applied to describe nature in a universal way. Nature is unique, the concept of nature entails ideas of singularity in description, a holism with unique features that are true of nature universally. Aside from the uniqueness of nature and of its' elements, nature undergoes change universally, it emerges with time. Nature possess force, mass and energy that occupies volume. All parts of observed nature are heterogeneous, they are not perfect circles composed of homogeneous elements. Observable entities are always within other things; human beings and the life on earth are within the Earths' atmosphere, the Earths' atmosphere surrounds the earth which are both within the solar system which is within the star cluster or galaxy Milky Way that contains many other things, planets etc. The possession of force entails the quality of repulsion, i.e. a force existing between non identical entities. If identical entities are assumed not to exist, the world composed of unique elements, then a force must be not only inherent to all volume, but responsible for it, for the

quality of identity as evidence of the kinds, the kinds as evidence of force and similarly for the individual differences observed to each group of likeness, kinds, and of the classes of internal structures within the individual entity. Without pursuing complicated abstraction in order to argue cause and effect, temporal connections to account for observation, it is simple to state that physical structure in the observed world is the consequence of impulse/force dependant inheritance by means of past existing relations of proximity of previously witnessible structural associations, which in combination result in new structure that is likewise transmitted temporally to descendants. Ultimate origins of the observed structures of nature are beyond witness and conjectured only from contemporary observation.

For description of nature there is only Natures' Set:

Natures' Set = [Uniqueness, Avoidance /Force, Emergence]

Each descriptive set member, by the above account that is determined strictly from direct perceptual witness, each entails the other.

As a concept, if nature is assumed to the set of unique physical objects, and describable by the above set of unique concepts, if this description of nature, arrived from conjecture, ideas of nature and uniqueness, is unique, it belongs to its own set of uniquenesses as inclusive description of nature. Regardless of the conceptual criterion employed, valid elaboration entails always the same unique entity with the identity nature- i.e.- a unique classification of the unique is always entailed to, and by, nature as a unique and heterogeneous physical volume that is composed of unique and heterogeneous physical volumes.

In order to orient the endeavors of science in quest to understand the pertinence of structure and function to survival, science is contradictorily possessed with the notion that most, if not all, of the

processes responsible for the structure and forces observed in nature proceed from unwitnessible prior states. A model descriptive set of qualities, *Natures' Set,,* is proposed and tested with respect to the quality of self belonging with the intention to find a homogeneity, unifying concept, to bridge the physical and conceptual, mind and matter. The set of unique heterogeneous physical particulars of which nature is composed, present or past, is hypothesized to be the working of a single underlying geometrical form that is composed of a surface generating path.

A. Self Belonging, the Conceptual and Physical

From the perspective of first person witness only the conceptual, the concept can be attributed to belong to the class of the self belonging. A division into categories of the conceptual and physical can be created employing criteria of self belonging. The set of physical objects is not a physical object. DNA considered scientifically as possessing information in strings, belonging to both divisions creates interest as a topic for focus; as a physical object, emerged, emerging, necessarily from preceding form, it somehow also possesses information in the form of a string that somehow seems to emerge from within the convergence of forces that determine its' physical characteristics. It reproduces both a physical likeness and a physical system of linear information that has a continuous and coherent transmitted code, the system of bases, codons and base pairing. It appears that from theory in molecular genetics theories of nature have evolved to suggest that nature is no more than a set of information possessions. (14) This notion finds contradiction immediately if only the of coordinates of path are assumed to possess information. The quality of path is not only ubiquitous to all that is perceivable, but it is perspective dependent (15). Nature, defined as a volume filled with information has no meaning; it is apriorily true and adds nothing to potential understanding.

To accomplish a better view, temporal longevity of events will be used to frame discussions. The information like quality possessed to DNA in the form of a string can be viewed to bear physical/temporal dimensions of far smaller magnitude than of those that define it' overt physical structure; in analogy, the ratio of the length of the DNA packed into a whole chromosome is infinitesimal in relation to its' width, or width * length-active unit that confers genotypic information. Discussion of the physical transmission of gross form and information can be approached logically; the apparent possession of conceptual information, language, self belonging to its' own set as the set of linear codes, in genetic material can be stated to be an artifact of cognition from perception in which the perception of information content is a matter of the same means of emergence of it whole (long) physical form as a temporal microcosm located within the temporally infinitely longer lived whole form, possessing the same mechanism of inherited proximity that is common to all processes; it is a manifestation of a vast temporal divide to the lifetime of events in which the physical, and hence temporal dimensions of the unfolding that births the perception of information is many magnitudes lesser than the physical, temporal length of the DNA molecule. In analogy, a potential holism relating micro sequence and structure to whole sequence and structure for explanation in search of formula to account for many mysteries, is substituted with a holism in which the lifetime of events is related to the physical size of the volumes they occupy. Genetic information is postulated to arise as a form of memory as the consequence of energy matter conversion along a defeated path towards a neutral energy less ground in which the energy/matter and form possessed to the long DNA molecule reflects quantitatively the difference between its' energy state and ground- an embodied physical path emerged from the parameters of its' preceding existence as an energy transmission (Figure 1). Sequestered within the cell and organism, like the multiple skins of an onion to its surface, its actual energy state is probably many fold amplified from possible estimates made from determinations involving the energy and dimensions of chemical bonds. . The observation of a

genetic code is considered to arise from conceptual divisions that elaborate time into divisions of the transverse (witnessible present) and longitudinal (unwitnessible past), while time proceeds only in the longitudinal direction in scales far beyond witnessible life times of events-all occurrences are yet the unique manifestation of temporal paths that are dynamic processes of energy and matter in open (e.g. heterogeneous) space. Though it seems exceedingly complex to account for a three letter code composed of four symbols, it may be noted that though history does not really repeat itself , symbolism and need always underline history, repeatedly as either or both emerge in less changed forms than in those in which physical emergences are far separated and less continuous with one another. It maybe the nature of the ratios inherent to relative life times of events in relative sized volumes, the available energy bound to the maintenance of the temporally transverse /observed state, that places constraints on structures, giving the appearance of containing information. A repetitive arrangement in form exists in which likeness to preceding states, between contemporary states occurs naturally as the means and necessity of emergence. The graphical egg representation requires more than 10^13 periods before a visual egg shape is observed. A very complicated spinning machine with both very short and very long stitch life times, in analogy to that employed to spin cloth, is entailed.

It is postulated that at appropriate periods, conceptual and physical form overlap in a manner that reflects essential concepts pertinent to witness experience of the nature that defines both the self and the external. Two examples of prominent physical form in nature , the egg and DNA, will be discussed with reference to a *Natures' descriptive Set* that is composed of the proposed ubiquitous description of nature; it is tested with respect to the property of self-belonging in order to demonstrate that the system of numbers, not self belonging, when present to any facet of empirical study, entails necessarily the emergence of both volume and number of heterogeneous units that define the empirical object and its' heterogeneous contents.

Table 1: Sample Test for Self Belonging of Natures" Set and its" Members

A= Natures" set = (uniqueness(A1), emergence(A2), self avoidance(A3))

Test=Self belonging ? (true or false)

A1=(unique things)	true	A set of unique things is unique (i.e. the set of natural numbers is unique as each number is unique)
A2=(emerging things)	false	If C1 is emerging (i.e. true) its' only possible (intuitive) direction to include its' original unique identity is to false (emergence of an emerging characteristic implies the assumption of a new identity (i.e. 2 X N (N=the set of natural numbers) =N2 (i.e. 0, 2, 4 ,6 ,8 etc.) might be defined to have emerged from N but is also a member of N, N itself cannot emerge.

A3=self avoiding things	false	To fit a definition of self avoiding a set must have more than one member, each avoiding the other by virtue of a force upon each other. In this definition the existence of two unique members entails self avoidance, separateness, uniqueness of the elements of the set, a single unique set cannot avoid itself.

Each of the descriptive elements as members of set A (*Natures' Set)* but uniqueness does not belong to themselves.(i.e. contains falses in the test for self belonging) . A set of items each unique is assumed to belong to the set of unique items. Natures' Set, description of the the set of unique particulars, is used to describe the set of unique volumes that comprise nature. It is this set of unique volumes that become test elements, i.e. for self belonging, emergence, self avoidance etc. At this point of description, at the juncture between the concept and the physical (given existence as volume) certain associations of meaning that connect the conceptual and physical surface distinctly in elaborations might emerge at an entailment of conceptual developments that resolve into the self belonging and parallel sets of the physical volume and the conceptual description as inference based on the existence of unique physical entities (e.g. the egg, DNA) that are simultaneous members of both classes. Here, as it has been established that conceptual description of nature belong to itself and that

physical description of nature, as a unique heterogeneous volume containing unique heterogeneous volumes, in the same sense belongs to itself. It is obvious that "string of information" is both physical and conceptual and does not withstand the test for self belonging, it is both physical and conceptual and does not belong to itself, as a concept it is physical, as a physical element it is conceptual. A concept of volume is entailed to also exist in physical example (as a volume in the set of volumes, and as a concept in the set of concepts) and in nature has no classification potential but as unique, as a volume of nature is unique itself) The physically existing conceptual form is proposed to be entailed from the special cases of the egg or DNA discussed in which a linear arrangement of temporal loci of connections emerge as a physical shape, otherwise to result in logical contradiction of the conjectured unique nature of heterogeneous spaces occupying nature; the physical form entailed to heterogeneous spaces would either have to distribute validly to all elements in the test for uniqueness or, if placed in some other descriptive category to cause a chaos in descriptive ordering so that the conceptual and physical are not separable throughout. . Conceptual description in this model is limited to description of the physical only.

The world as information becomes no more valid in test than the fact of uniqueness which, ubiquitously valid, entails physical parameters to all of the contents of nature, is self belonging as a concept. Alternately the qualities of emergence, self avoidance/force, are not self belonging, entail and are entailed by uniqueness. A faithful understanding of nature cannot contain entail a distinct category for information/information string, but only a special

category for a unique special form that is distributable, as a conceptual shape lacking the number system when it represents uniqueness and possessing information as the parameters of path that render physical surface when applied to the empirical object.

The number system can also be excluded from *Natures' descriptive Set*; self-avoidance entails the number 2 but not the number 1, thus the number system cannot be applied as a member of *Natures' Set*. An open nature as a closed concept in description must entails the entire number system rather than a subset of it, or not entail it at all. In this description of nature, the ability to observe and/or measure, i.e. determine volume and/or number, entails emergence of both number and volume to all witnessible (heterogeneous) physical entities if the number system is entailed and conversely to the descriptive categories employed. The observed counting in nature by members of the species is thus a product of their uniqueness, endowment with emerging volume and physical characteristics; nature itself does not bear in gross description the property of number-number is a manifestation from the first person perspective. Similarly, the term infinity is conjectured to be descriptive/lingual and to have no relevance scientifically. Men, in contrast to animals, have the capacity to establish longer chains of proximity related cause and effect, when extended beyond observation become inductive and refer symbolically to the inducer (16). *Natures' Set*, entailing one instance of nature, does not contain other numbers than 2 (and itself, an unwitnessible number 1) (see note 1), though the set of the parameters of volume contains the entire number system; a set of entities emerging in both number and volume. i.e. it is not unreasonable to postulate that all natural entities, each unique and possessing energy , necessarily constantly emerge with time, are never in the same exact state of number or volume from one time point to another.

It is logical to define the universe not only with respect to a closed set of open volumes, but with respect to a determined shape or form to represent these volumes that delineate it as special case rather than as a information possessing construct of parametrically described fields. It is logical that a parallel to open-closed, or concept-physical, the genetically-arrived-by-proximity heterogeneous object, exists as a form in concept and as a primary object in nature.

Form in Nature

The conjectured possession of a universal form conceptually and physically to nature should logically entail facts of perception of the external from the first person. A universal form should encompass perceivable nature as a fact of parametrically endowed path, as a universal that is present proximally as well as distally. It must reflect what is established of motion as kinetic energy of masses that are endowed, as a function of mass, with potential energy. The equations of relativity and laws of motions might be suited to describe a universal geometry in which the propagation of energy and mass combine to delineate a specific form. This, however, might not be considered feasible in light of the existence of both a general and special theory of relativity and the existence of a universal constant that is hardly compatible with a universe that possesses the number system only in reference to the empirically testable physical element. In order to render the velocity of light a physical reality it must be considered relative rather than constant, to possess an open value.

Figure 2b shows an oval used as a scheme to project form emerging from the linear motion of a (variable velocity of light) emitting mass. Variable values of Δc are employed to represent energy expended during the process of light emission from a moving point source. Figure 2a

demonstrates an egg figure that results when periods of revolution beyond π+ 10^13 are employed. (see equations with Figure 2a). This is interpreted to represent a vast number of ½ full sign changes in the sine and cosine functions employed, as half turns analogous to a half twist, for example, that composes the continuous, inside to out surface of the mobius strip. Space is postulated to generally be the evolution of a volume containing surface from energy emitted in a bi-planar fashion from motion along a line: e.g. the production of an appearing closed surface from a fast radiation represented mathematically as an emerged plane from the emerged slow speed motion along a line. Biological form is proposed to occur from internal DNA arrangement, and from facets of the composite heterogeneous structure of individuals of a particular species. Conceptual application of the postulated specific (egg) shaped space of volume, entailing a differential timing with respect to spaces that is inherent in the propagation of the heterogeneous nature of structures, emergence of the individual is framed conceptually to occur within a perspective involving multiple foci, as multiple distinct and subjective points from which emergences fill space, each space and surrounding spaces, egg shapes in which intercourses, relative temporal periods define the form of occurring processes. The view under the microscope is postulated to be composed of a near infinity of temporally- spatially, in concert, mutually modulated occurrences that are accountable for explanation from a position of points centered within the volumes involved, the radius of volumes described, as in the graph of the egg. Structure, is suggested to be a matter of inherited proximities and relative temporal aspects of emerged volumes, i.e. relative (inherited by means of temporal/spatial proximity) sizes of intercoursing volumes. Each heterogeneous division possesses a strict and contiguous lineage that delineates its' identity, as a provision for explanation of emerged form, orders and associations. The metabolic processes of DNA replication, transcription, and translation, many

orders faster than species or individual reproduction occur in orchestration within a whole as it similarly possesses prior orchestration by the same means. Each genetic unit, i.e. the gene arranged as a contiguous string of codons that are elucidated as contiguous strings of bases, can be viewed as nested, independent, specifically metabolically active spatial egg shaped volumes whose existence is the result of a temporal entanglement that is manifest physically as nested temporal entanglements, conceptual like as time might also be construed as a conceptual entity whose empirical measurement is the consequence of a dynamically occurring synergism of perspective dependant, entity specific, intersections of internal and external, proximal and distal, energy processes.

In attempts to draw a parallel between the physical egg and DNA it is not inconceivable to propose a parallel of the rendering of the egg from a string of planar geometrical coordinates to the string of chemical base elements within a complete unit such as a chromosome. DNA replication to produce progeny chromosomes might feasibly be the manifestation of processes that are distinct temporally from temporal processes entailed to a linear internal diversity that is also reiterated on a smaller scale within the whole DNA length in lesser units such as genes. All internal processes, e.g. transcription, translation etc appearing to act in regulated sequences are defined to be temporal/spatial, functions of relative endurances of process time in relation to process volume in a manner analogous to a conceptual structuring of the world into hierarchies related to priorities of importance with respect to pertinence as it relates to the navigation/survival of the world, and necessarily emerging to draw parallel in structure to the energetic rendering of the physical world as it is experienced (see note 1). In the model three dimensional active structure results as a process of intercoursing (egg) shapes that obey the laws of energy metabolism, but occurring in description from a first perspective of interacting

entities, of interacting entities within interacting entities: an analogy might be made to a whole unwitnessible volume as the universe that contains witnessible physical volumes; both as proximity dependant emergences, temporal transmissions of physical form, though DNA, proposed to be the consequence of a near energy exhaustion from long temporal transmission embodies to it in physical form diversities attributable to the nature of the courses of energy from which it evolved. It is interesting, in this model, that the birth of life is attributable to a near universal end, short circuit, rather than as an addition occurring to a universe composed of inert matter; a circumstance in which birth has no logically extractable empirical meaning, physical reality, experience towards death is both the necessity and final cause of life, birth and death, the existence of birth as cause and necessity for the existence of death, commonly knowable to life experience are inverted temporally such that the final cause, near extinction determines physical structure which seems to evolve in a temporally positive manner during biological development.; embryogenesis appears to occur as a reiteration from an averted (by whatever means if the described death is possible) death.

DNA appears in this example to possess both very long and very short temporal periods relative to the individual species member. For instance the energetic/metabolic activity time of a given gene in its' environment within the cell in relation to cell life time may be short, shorter in relation to individual longevity and very short in relation to the endurance times of species specific DNA. This is an innate fact of proximal inheritance. If number and volume in a heterogeneous space emerge together it might be possible, from a correlation of the active period of specific DNA species or sequences, of the cell or whole organism, and an accounting relating number and volume, to gain facts of internal to external complexity that might reveal facts about the nature of the relation of external (phenotype) to internal (genotype) characteristics. It

might be estimated that the number and volume of validly construed functional aspects might relate analytically to temporal ratios construed for specific developmental and or subsequent matured processes of the individual organism if analyzed with respect to transverse verse longitudinal temporal prominence-i.e. from near round as might exemplify the individual, to the excessively eccentric, the length and width of the DNA molecule at the extreme; an invariable construction maintenance factor might be conjectured to describe natural physical limitations to diversities in combinations of observed traits. The emergence of volume and number together of the heterogeneous unit , as the cohesive defining factor of emergences, uniquenesses, might account for a significant latitude in ultimate form, structure and function as they are mutually related genetically and physically within defined volumes and for the plasticity and diversities observed in interspecies developmental and adult structural organizations. The purpose of this abstracted discussion as effective volumes of processes and number of traits at the molecular level of DNA are not available, nor for individuals, is to demonstrate a potential functional and structural unification to processes within what is denoted as the nucleus, the cell, the individual organism, the species and external spaces.

Consider the egg shape and egg in the subspecies of snakes Sand Boas *(Eryx: Boida*e) (**17**). The Sand Boa is dividable into either those that produce live births and those that are egg laying. This is a conflicting result as the physiological requirements for the two paths of reproduction are very different, yet are present in the same species. The biochemistries of these two processes are sufficiently different, In order to account for the differences within a single species a very strained and awkward line of species evolution is necessary for explanation. Here It becomes obvious that neither type of birth, nor the specific aspects of DNA evolution into information sequences are the essential characteristics of speciation. DNA sequence in the rendering of information for the

construction of proteins cannot be viewed as an intrinsic characteristic in classifications involving temporally oriented emergence; inherited physical proximities are the ultimate modulator of variation. In concept the means of birth, egg laying or live birth, might be minor consequences in an order of temporal inheritances that ultimately determine structure and function. It might be indicated that a means of birth, reproduction, , is a built-in and plastic facet that is assumed with the ability, arrived from a multitude of converging criteria common to all life , to propagate; the type of reproduction , live birth or egg laying is at most secondary and not an essential characteristic, in this case, that is a component of species identity. It is proposed that classification of the species need not adhere to evidence pertaining to internal metabolism and biochemical genetic features. Factors that influence emergence, acting in concert to achieve viability may necessarily be unpredictable if hidden, invisible beneath the surface, and distinct from more apparent explanation of the acquisition of structure and function; the presence of an underlining form may be a necessary and responsible agent, separately responsible , on its' own, for the nature of natural processes.

Conclusion

Current methods in biological classification, attempting rigor with respect to analytical detail derived from intra-cellular investigation are compulsively over-extended. Philosophical grounding results to be inherently precluded in models that embody questions pertaining to composing temporal elements, allude towards conceptions and death, rather than elements composed strictly of symbols that reflect a physical organization to the paths of events that fill space. In reference to the ideas presented connecting mind and matter to a shape, failed philosophical grounding is now re-referred to accounts for the existence of life with a failed energetic/work function to reach a complete/zero state-i.e. to notions involving a physical ground as in an electrical circuit; lifetime is gauged from an induced notion of death rather than an

induced and empirically unaccountable notion of birth. This inversion in perspective has general philosophical relevance, a whole life time for nature/processes cannot be discussed meaningfully but as conceptual and inductive and with respect to progress towards an unwitnessible, as the whole of nature is unwitnessible, death in which connotations of birth have even less, no meaning, they refer, no matter how they may be recounted, to the granted, singular and apriori fact of existence itself. The individual has no perceptual account of his birth, only of his aging and progression towards a non-existent state of death. That the universe proceeded from this failed state might be witnessed to be conceptually possessed within a description of the nature of all that is knowable from life experience. This may have little relevance to activities entailed to the empirical sciences in which witness perspective is possible for both birth and death of entities but entails a new conceptual perspective in which the concept of time is relocated away from the high priority conceptual category that does not contain the set of numbers to an empirical category that is restricted to witnessable and necessarily measurable phenomenon; from the conceptually closed category of concepts to the open category of physical volumes. Temporally transverse notions from the social sciences become eliminated from major concepts in the natural sciences, concepts in the natural sciences become more reasonable and coherent, appealing to the social sciences.

With the use of methods that employ generally descriptive criteria for nature it is possible to attain an understanding from which a more practical synthesis of the physical from the conceptual can emerge. As in language communication, in which meaning can become assumed without specified knowledge or reference to roots, eventually lost, in a parallel to lingual phenomenon, it is perhaps not necessary to elucidate, induce, invent meaning, or orient research efforts towards the impossible elaboration of events that are strictly and logically beyond witness

(16), but to identify with best common sense and faithfulness a commonality of structure buried within contemporary intercourses.

Figure 1 DNA reflects the inversion path of space

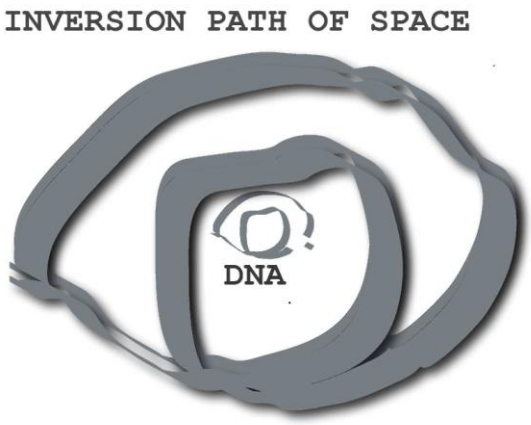


Figure 2a Mathematical representation of an egg

A plot from an equation involving sines and cosines yields a replica of an egg whose surface is constructed from a line (2 cos (θ) +sin θ)); at each point along the line a value for 2 cos(Φ) is calculated to form the surface. Cos(θ) is meant to represent a distance corresponding to the change in the velocity of light, energy consumed in the process of its' transmission , sin(θ) is the velocity of motion of a mass from which radiation is emitted.

Note : Representation of an egg mathematically has not been previously accomplished but as forms created from intersections and overlaps of other curves (18). The representation below is not an oval but full volume that maintains its' form and perspective upon rotation of any of the axis's .

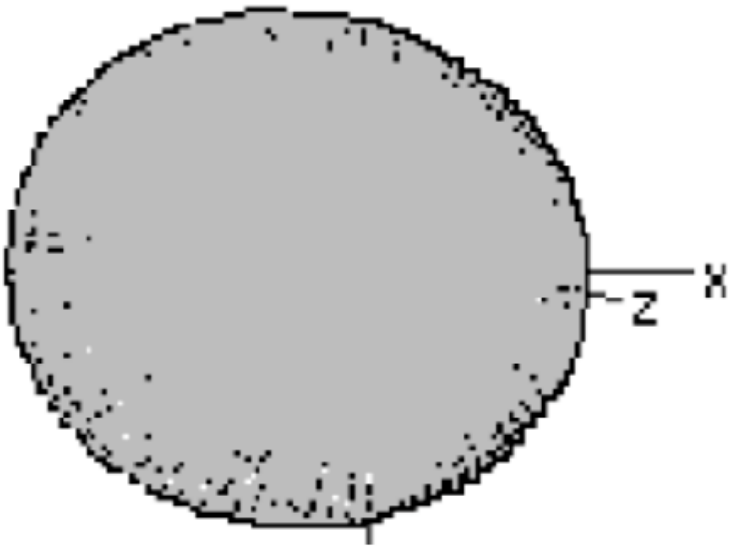
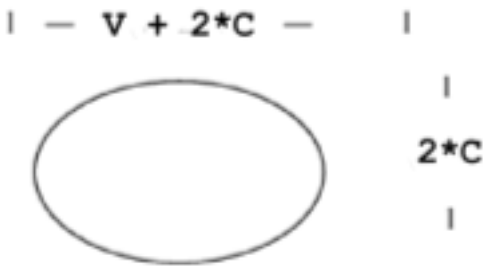


Figure 2b An egg shaped surface (Figure 2) is projected from radiation ($2\Delta C$) from motion along a line ($\Delta V+2\Delta C$).



Note

It is interesting to highlight with respect to the described concept that the universe possesses only the numbers 1 and 2, a parallel to the algebraic method of finding limits to sums. $\Sigma(fx(n))$ n=1 to $n=\infty$ can be solved with the subtraction of the nth element from the equation –i.e. $\Sigma(fx_{(n)})_{n=1 \text{to } n=\infty} - \Sigma(fx_{(n)})_{n=1 \text{ to } n=n-1} = (fx)_n$. If an expression for f(x) is known x can be exchanged for n to yield a relation that gives a value with respect to x: x is a member of the set of numbers. The solution, depending only on the abstraction $n=\infty$ and $\Sigma(fx_{(n)})_{n=1 \text{ to } n-1}$ and possesses the whole number system in all elements but n=1. In description this may be translated in parallel to the conceptual description of the existence of the numbers 1 and 2 to the element "uniqueness" that contains the universal shape discussed, it is inappropriately applied to categories that do not possess also the whole number system-i.e. the category of uniqueness. If it is attempted to find a relation for number and volume-i.e. $\Sigma (fx)_{n=1 \text{ to } n=\infty}$ where F(x) is used to express volume and F(n) = F(x) it becomes certain, if F(x) exists (as in the mathematically constructed egg form in Figure 2) that both volume and number emerge, and emerge interchangeably (each entity is considered to be a whole unit volume) in a manner describable by the formula for the corresponding limit function, though it can never be used to render a quantity , but to induce a quality –i.e. the emergence interchangeably of both number and volume, a total universe (number =1) volume. It is suggested that the number 1 is not valid in description at all as a content of the set of nature. In this case the limit function falls into a class of the infinitely regressing to an origin and acquires a reduction ad absurdum meaning of total equals the sum of the contents. Statistical renditions that yield description in systems considered to be subset of nature, if the described holism is valid throughout, i.e. conceptual universe as physical (possessing time) containing physical universes(possessing time) applications of statistics with mechanics, statistical mechanics, can have no relevance but to depict characteristics of static and non emerging volumes,

i.e. abstracted and additive physical spaces to a whole emerging value to simultaneously decrease, as projected/abstracted values, number, volume and lifetime, yet are empirically fitting to theory that itself can appear to mirror these same characteristics that are innately perceived to describe nature. It has recently become clear that the human mind can reflexively and beyond conscious awareness assign meaning to values and qualities, based on experience, that are relevant only to specific individual experience(19, 20, 21). At the root, conceptual structuring mirrors physical structuring from the perspective of the individual and can be inductive rather than valid even in cases that can involve commonly or civilization held and appearing logically valid notions. The most appealing renditions of nature will reflect what is intuitively construed to represent it, as a reflection of it but ultimately attribute numbers to categories falsely construed to reflect nature as a physical whole rather than an as exclusively inductive description. This does not mean that estimations of molecule volume and number cannot be obtained and are not empirically useful but that they cannot originate from models that possess unwitnessible abstracted entities, homogeneities, number possessing monisms such as the constituents of the atom hierarchies of forces attributed to account for the structure of nature without further elaboration of a common nature, or ideas evolved that entail origins and deaths.

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