Genetics Reconstrued From the Mathematics of Einstein, and Euclid

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Abstract

This manuscript is intended to illustrate the existence of a natural ethic as a universal and special case in which the notion of proximity differs from the reflexively perceived physical notion that is both commonly and scientifically employed. In this case actual proximity in nature is proposed to diverge from the physical lines construed to connect points to be a function of relations of the lines of perception as the components of a universal volume that is energetic and active, yielding a conceptual active "line of sight" to a single unique surface composed of all lines of sight, in contrast to a common notion of seeing based on connected points. Notions in this conceptualization are emerged as a function of past, transparent to witness, processes, in synergy with the more apparent, temporally and physically proximal , and possess a logic that is based upon the same mathematical means of operations that are commonly known reflexively. This scheme, the nature of the natural ethic postulated precludes genetic manipulation as unethical in that it violates naturally inherent inherited proximities, synergies of past and present as, in name, nature itself as genetic and emerging.

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Discussion

I wish to comment on notions of man and nature as they relate to ethical controversy over genetic manipulation experiments. It would seem that the only existing plausible surface, the current substrate of discussion for this controversy would be at the juncture of common experience as it relates to the common good and the self and those areas of science understanding that are accessible by the same reasoning to the common person. This reasoning involves common perception of the world as space/volume and movement-i.e. distances and motion or energy-the familiar and proximal with which experience of the world is organized. The common man in argument with the scientist is required to consider two cases, his own and those of the scientist, in the language of science that are inaccessible to him.. There are ultimately, from this perspective, two cases, the ordinary of the common person and the special case of the scientist. In the following presentation I wish to demonstrate that in reality only one case exists and that science theory and practice surround a special self defined and self subscribing case that is not only accessible only from the perspective of science study but entails a contradiction such that either the world as a singly namable whole unique entity either possess a similar divide or is itself a special case.

Consider the writing of Albert Einstein in The Theory of Relativity (Einstein,1). The Theory of Relativity is divided into two cases, The Special Theory of Relativity and The General Theory of Relativity. The General Theory of Relativity is entailed from the case in which energy is

postulated to exist in spaces absent of mass or gravity, its' notions are mathematically extrapolated to include notions of closed space in explanation and is held applicable to all cases of open or closed spaces (2). The Special Theory of Relativity deals with the case of open spaces as those able to support the life processes -i.e. is capable to define the life processes. It is these two cases of special and general that I wish to discuss, not only in analogy to the above described cases of the common description verses scientific description but as exactly exemplary of unresolved and civilization life long issues regarding the physical interpretation of nature and its' relation to life and mankind. A new case for nature will be described as a single special case. Inherent to the necessity of the evolution of divisions of specific cases in the theory of relativity for explanation, the creation of a divide in nature, is the implication of a great influence of historical behaviors and events on scientific elucidations. The products of science not only shape our thoughts, but if one assumes a broad perspective and a unity to nature, render the accomplishments of science, in content, as an exclusive affect of history as a path of behaviors and actions related to human conflict with nature in which language born of perception, shaped by history, and not mathematics, mathematical or physical constants are the only existing influence on interpretation. Modernly, the juncture of man and nature, is only barely highlighted ethically with reference to human rights and environmental damage from technology- i.e., what constitutes an individual in the case of embryonic experimentation and the green house effct of global warming. Put to test in ethical discussions are all the conceivable actions of man as a potential set with wish to judge and create ethics. The potential existence of a special case, a universal ethic (3) that is beyond arbitration bears no witness in discussions that are immersed within conceptualizations that place nature subservient, servant to man.

Modern science in the construction of all of its cases has come to focus narrowly, in tunnel view to define from within the narrow view of 'the witnessable as an accounting for the whole by instantiate, to characterize that which can only be partially tested but is shrouded in a paradox of duality of cases as it takes no caution with experimental constructions that do not exceed its established logic for processes . Accounting figures, yet always show deficits that lead us searching, for example, for dark matter, new forces, particles and entanglements to accommodate theory in which obvious paradox endures continually. Theoretical constructions of nature, but dependant on the path and processes of history serve as a general case in which the more nebulously understood components are nourished within the darker areas of understanding, perpetually, from the more experimentally affirmed products.. Within the range of ordinary experience, nature, taken as an assertion towards the open, emergence, is given interpretation as an entity that does not necessarily fall into an accord with the best construed directions for and needs for human survival. Unfilled spaces, one is hardly able to describe, much less fill with theory are inflated to life by diffusion of established ideas from within the narrow tunnels that comprise our test and model building areas. The general case is held and perennially maintained. From this unavoidable, (unavoidable. if one contemplates need to impose change) and commonly oriented conception of nature science naturally, without alternative, find fit to act accordingly in a manor parallel to the construed, commonly held notions of emergence that are

born from ordinary witness of nature itself. yet appears to have no awareness of its own potential quality as incomplete, unwhole, emerging itself in a manner in which the facets of the process of its' own emergence are excluded from conceptualizations of emergence in nature. Facts of both men and animals using tools to move natural objects to build shelters in order to survive, employing living entities as sources of food, engaging in wars involving imposed death in order to guard borders and dwelling areas make the prospective application of force to nature seem more natural.

It is at the juncture of man and nature verses the authority of science as an ally of government that the subtle differences in interpretation of nature as either one or two cases is very obscured, relegated authority leaning towards the scientist and avoiding concepts and issues that are ubiquitously laden in shadow, with an assumption, hope, that knowledge will come to be more compete as the consequence of their endeavors. Footing is always on the shaky precipice of the unknown.

Nature as a Special Case

At the root of misconceptions is the absence of an actual conceptual test of the notion of proximity, as either a general case involving physical distance, temporal distance or as a special case in which a logic of experience extended to be a universal logic involves both the temporal and physical in a synergism to yield an unsuspected unity that is entailed by and entails all the elements, both natural and man made divisions of the universe into a genetically structured emergence, a single surface as a special case to describe all. For example the locks and keys of genetics, gene sequence and action, the 3 dimensional objects of the world composed of both energy and matter described as the consequence of an inherited proximity as a synergism of those aspects of the world available to witness and those that emerged from past processes; a synergism that is conceptually singular, a universal ingredient for all to account for the world as a special case. In this discussion focused on proximity and the investment of science facilities for the manipulation of nature, non-proximity, though conceivable and the added ingredient to perceptual accounts postulated to birth the commonly construed general case is made not to exist.

In the proposed special case the planets and the subminiature are held together in the same category, the planets and the immense cosmos with the miniature components of organisms, the cells and chromosomes in order to demonstrate a meaning for proximity- because the interiors of cells are within reach it is thought to change the agendas of cellular components and, in essence, to bridge a divide is contended to be related conceptually more to the mysterious contents of the folds of history, of meaning in language communications and history that are by necessity not apparently organizible, more transparent than apparent, as its' origins are not available to witness. To establish a more certain perspective of the analytical lines and angles of the scientific assessment of nature it is proposed that a universal logic exists as a special case that is immediate and ever present, in which the lengths/distances that delineate form might be

derived and defined from the transmission of energy that can exist as states of matter or energy. Perceptual accounts of nature, of the external, though basically made from constructs of lengths in actuality more movie like than picture like, bring upon the individual perceiver a frame of the world as a, more constant than variable, assembly of temporarily associated still images and sensations. However the machismo of moving images arranged temporally in order to construct a state of memory/experience cannot be easily, but invalidly be related to the constructions of moving pictures seen in a theater or on television, though resembling, in defining facets and concepts, the proposed universal logic. Mechanically made videos are conceived, or viewed in retrospect to their invention, as ideas of physical and temporal proximity, i.e. a plane (i.e.) a simple movie frame is given a temporal component along a line represented by the length the movie strip, or track upon which it is recorded and brought to life with the addition of energy – i.e. a motor or computer processor that can arrange the frames into a temporal order. Ancient Greek geometry can account easily for this invention, less for the means of providing and converting energy to drive its' process. Without putting to test Euclids' Parallel Postulate (Heath, 2) the notion of a picture on a grid made of intersecting lines that define composing points requires little stretching of concepts. However with respect to the nature of the world the parallel postulate, its' failure to accommodate non intersecting lines, parallel lines defined as those that form a 90 degree angle each on the same side of an intersecting line cannot be shown to fail to insect as they do not intersect in the line of the paper, the parallel postulate in its' referral off of the plane of the paper, to spaces beyond it, space if it were a unity as they suspected still remains a topic, almost unawarely, of all of the curiosities and endeavors of modern society. Euclid may had been able to account for a photograph, the assembly of photographs temporality to make a video but not the lack of mechanical connections involved in the energy metabolism to make the photograph move-i.e. the movement of electrons in a conductor to cause the turning of a motor, a light to light; within todays' vast progresses of science in the assembly of theory and the manipulation of nature there is little reflection on the parallel postulate as a statement about concepts of proximity, the infinite and eternal, as they fit with the intuitive sense of the world as a holism, an undivided, indivisible unity.

In order to extend the planar geometry of Euclid into a three dimensional space, I will employ the mobius strip. A mobius strip has as a center to its surface, not a point, but a unique line drawn exactly midpoint of its width through its length. It is made so that it has a twist in as if an open belt closed with a half twist so that its' inside surface is contiguous with its' outside surface. A cut made along the exact center of the mobius strip results in two linked loops, each loop the same length as the starting loop but possessing half the area. As a beginning product the mobius strip has an infinite surface, after its' division the linked loops have a finite surface area that is the same for each loop and each half of a whole transit of its' parent strip. Intuitively as a substrate for open nature it has gross qualities amenable to descriptions of nature as infinite but discontinuous, composed of many kinds. A video film strip maybe cut and sealed to resemble a mobius strip, create a functional movie, but, possessing necessary intersections and attachments is still within the realm of Euclids' renditions of plane geometry. As a free floating figure,

without the physical attachment of a movie projector it is quite interesting and distinct from a plane untwisted movie strip that is joined to be round. When cut to form loops the mobius, divided into two parts can still be viewed as a single structure. The loops free floating but confined to one another, are necessarily parallel to one another, having originated from the same line. Thus conceptually, it is a bridge from the geometry of figures drawn on planes, on paper, to open space. Progeny loops from a mobius strip, geometrically parallel to one another are necessarily not parallel to one another in the 'plane' of perceived open space because of the mechanical hindrance imposed by the twist in the parent loop. If one can envision many mobius strips held parallel in the plane of space, all loops produced from divisions are necessarily parallel because all of the (parent) lines are parallel to one another. Sets of parallel chained loops can be composed of parent strips of an infinite number of dimensions of length or width, each distinct from one another, confined in malleable pairs, together can be envisioned sufficient to include all of the points in a volume of space, the center lines of parent structures, parallel to one another defining a plane and all other lines not only distinct from those and not contained in that plane, but all possible lines other than those from the center line distinct from one another, each given by a unique angle to the midline. These lines able to form sets composed in dimensions to the number of parallel parent strips by their unique individual lengths and surface areas. There is a limit to the dimensions of model physical strips made of paper for instance; they must be sufficiently small in width so that they can be twisted and joined, intuitively a mathematical limit to width would appear to involve the construction of a whole transit as a limit circumference of circle of radius R such that R/2 specifies a maximum limit to the width of strips so that mechanical interference does not occur. Regardless of this complexity, a conceptual divide evolves in this example in which simple mathematics elucidated for a geometry involving tangibly conceived and non complex intersections finds both existence and definable obstruction to existence of actual physical models-a boundary between the set of identical mathematically, abstracted and real possibilities. Whether this boundary is consequential to the definition of real spaces and volumes is not so certain or apparent, real constructions for space need to elucidate a unity/holism within a condition of uniqueness for all coordinates. The sets of lines for parallel sets of mobius strips, described with and without conditions limited to whole physical possibility of models, are obviously distinct and one must consider facts of potential redundancy in abstractions. The criteria necessary to describe a special case verses the dualisms inherent to modern general cases might potentially translate to correspond at the surface of this interface where attempts to elucidate a open universe repeatedly and perennially stumble at concepts of emergence with time, necessarily find paradox with respect to the energy of assembly in the life sciences and concepts of beginning and end in the physical sciences.

Intuitively, either the set of abstracted to exceed the physical, or other wise, parallel mobius strips might be envisioned to accommodate all of the physical coordinates of turn of whole strips, volumes of any dimension and shape. The theoretical strip width limit of R/2 for circumference C of the center line not only precludes an infinite surface area to strips of finite

size but specifies a physical maximum of ¼ turn to the possible ½ turn to whole strips. Thus, strips/progeny untwisted looped strips arranged in parallel with respect to parents, can generate planes, in the coordinate system of the parent strips. When the strip is flattened and arranged to form a circle it is clear that R/2 +R/2 encompasses the maximum possible width so, that as result of the twist, greater widths would intersect adjacent positions physically, physical clearance from other parts of the strip potentially existing below this value and not above it. If the center lines are confined to a plane the strips are constricted so that fractional divisions along the center length are made to correspond in exact ratio to fractional divisions of the complete half turn embodied to the whole strip. Thus widths of 0 to R/2, corresponding to circumferences of 0 to C, for any particular strip A correspond to ½ of the whole ½, or ¼ turns. To accommodate 360 degrees in the parent coordinate system a minimum of 4 strips of distinct orientation is need. A model comprised of all possibilities though has only ½ turn, a width of R, possible and requires at least 2 strips rather than 4. This discrepancy might be translated to mean that a different number of parameters are required to describe space depending on whether one wishes to render initially its core structure abstractly or confined to the requirements of the sensory experience of space. Intuitively one would lean towards the simplest description with the least number of constituents. The corresponding models might be reduced in size if the requirement for a 360 degree coordinate system is halved with the introduction of a required plane of symmetry defined by the center line. At this crossroads, in analogy, todays' science picks the less bulkier, but abstracted model that escapes the demands of physical reality.

However one other possibility exists that makes this decision obsolete, lost to obsolescence in the wake of a synergy that yields a holism of divides and symmetries that do not require mathematical degeneration –i.e. 4's to 2's to 1 in which space is described as a process catalyzed by the surface of the mobius strip, neither its' center line or plane physically existing, the symmetry of space rendered from the transition to chained structures such that description via generating parent strips, their parametrical uniqueness irrelevant such that uniqueness of temporal and physical loci during the course of emergence is all that requires accounting. In this case the existence of physical structure depends on the intersection of the tangible (mass) with energy, and the tangible constrictions requirements placed on the mobias model may or may not translate accordingly, the fabric space conceived as a cloth weave might be accommodated by equally well by either. In the parent strip frame the demand is for a physical coordinate system to account for volumes, In the tangible world of processes, though, this coordinate system has the temporal demands of time and energetically active volume ,either reduces in description to the mechanics of the motion picture. It is at this paradox, to explain a contiguity of past to present, easily adjusted in the motion picture studio, but not so easily for actual processes of emergence. This paradox seems to resolve if credential is given to the existence of illogic, the converse of a logic for processes. The logically construed and created from assembled natural law, movie theater as well as the logic of the physical processes that describe it, maintained as a testimony to the logical construction of nature must be placed in the class of illogic that also composes the constructions of dreams. Dream content may contain even coherent descriptions of the Theory

of Relativity, Newtons' Laws of Motion or an exactly logical, comprehendible, and valid relation to human history or even nonsense. It may contain a valid account of making movies but is no more bound to the actualities realized of actual contiguity of time than either the Theory of Relativity or Newtons' laws of Motion. Physical theory of the world has progressed only from the conception of slices of nature to construe more slices of nature. In the sense of logic to processes, the existence of life as periodic intersection with logic together encompass all into a category of neither logic nor illogic that is put to explanation slice wise as neither a whole or part does not possess a requirement for empirical investigation as the only source of grounding for meaning, much of which is not within the means of investigation. The case in the abstraction model given that renders two instead of four uniquenesses seem to be the only alternative.

It is at this point of argumentation that I believe that an addition might be made to the whole. Mankind, tending to model nature, not in likeness to himself, but to his problems, leaning on the case of empirical test, ultimately models nature with scientific method to himself. The logic of construction, his own logic he reserves for himself with which to render interpretation, but, as in my rendition of movie making or dreams, his logic falls into the class of illogic made from 'slice' constructions that when unaware, diffuse to fill spaces that are not defined and have come to evolve in description into a general encompassing case for which conflicting data from empirical test is beyond his real means and philosophical assumption and bullies nature around to suit his circumstances.

I wish to build a special case ascribable to the world rendered from the above rendition of logic and illogic, which obviously both exist in nature if man construes himself as part of nature. In this manner the only logic ascribable is that of an absolute renderable contiguity of the identity of the kinds with time; the present is an emergence product of the past. This fact must held true for aspects of the world. It must be though, a special product of emergence , a special case , as man with his own hands can create situations of logically comprehendible emergences; but which are only slices. The world here, to be accounted for logically in rendition, is examined with respect to the concepts of proximity, the past as a transparent component, the construed present as an apparent, meaning witnessible and testable , component. It would seem, does seem, that in constructions, in existing endeavors, that an escaped fact common to the folds of the past as they relate to the present both baffles and threatens that our science as unsound. A compulsive and manic thirst involving exploration and data collection seems to be underway. Once consider scientifically unattainable, materially unfeasible, science fiction in nature, computer systems can be found commonly in house holds. Science appears to have progressed to a state the endorses strongly its tenets, emerges stage to stage sometimes to draw attention for explanation and study to encompass mans own assembled creation, as in a quick, yet enduring marriage with a projected lasting in which self discovery is perennially at the door step, but as described above for the relation of man and machine, taken as a logical facet of his relationship with the environment, it is really no more than an addition to the set of illogical

compositions of the world that comprise the unexpected as a certain partner to life processes. To include the facets of physical invention within a set ascribable to an understanding might be analogous to the process of boring holes with ones' own self created drill and to boast that he knows the dimensions of the hole bored.

The process of creating ones own contiguities with an assumption that can conceivable mirror for his study the contiguities of the world to which we are born, by definition , "born into", pre-existing seems at the least unwise. At the root of these misconceptions seems to be a false construction that embodies the notion of 'proximity' as physical closeness, and ignores temporal proximity, frames the world past to present within the set of the 'illogical'. It is not implausible that a tangible conceptual scheme can be made with assumptions in the form of a thread as inherited proximity and decreasing complexity in order to account for an energetics of evolution, birth of life, instead of from perceptions of a statistically ordered less diverse, inert elements, to lend to these (inert elements) a greater complexity and diversity than is assumed simply from their arrangements, rather than complexity of structure; to consider arrangements and complexities of structure as one contemplates emergences- to consider the grand expanses of the cosmos down to the micro world of atoms, molecules, the biochemical composition of living entities and to construe that the human being, even his appearing advanced cognitive processes, new in evolution, are arrived at from a state of higher complexity and diversity. In this view form might be construed to take its shape in a different manner than what is ordinarily construed. If one considers the examples discussed of the mobius strip it might be possible to construe a universal holism in the form of a logic centered on it as a mechanism to find explanation employing it to structure all states, past and present to an emerging open system of matter- energy, and empirical fact.

In the presented model, proximity is held to all cases to comprise a special case as the set of all logical cases; the general case involving non proximity is classified into a set of abstractions, the illogical and is accounted for similarly as the product a mechanism of emergence with time that is similarly accounted for by a mechanism of inherited proximity. Added, to make for a more complete rendition, contemporary laws of motion and energy are employed along with a physical inversion entailing the mobius strip and its' associated geometry (Figure 3) as the catalytic surface for both temporal (longitudinal) and physical (transverse) processes. in which the flow of time is considered to as a longitudinal element and the physically apparent/present as a transverse element. Figure 1 shows a square in which three sides are constructed to construct the present/transverse element; the forth side is derived from longitudinal/temporal, propagations from that preceding, as energy that is born witness to the other three sides by means of inherited proximity. The sides of the square, which may as well be represented by triangle or other figure, but in actuality is an emerging circle defined by contributions from both the transverse and the longitudinal. The laws of energy metabolism are applied at this step to include the conversion of energy and matter described in the Special Theory of Relativity, as well as a geometry of lengths that are conjectured to function at the root of all fittings. For

example, from the equation E=mc^2 from the special theory of relativity if the parameter of time is considered common to all elements in a given process, the exchanges of matter and energy can be reduced to a matter of lengths rather than velocities such that the fitting of parts, longitudinal and transverse, is accommodated more as matter of the assembly of a (3-dimensional) picture puzzle than as rules governing the energy of chemical and physical processes. The geometrical structure of the mobius strip as catalyst is made to account for the inherent energy of matter as the consequence of a torque energy and a mirror symmetry along the dividing line of parent strips with a ½ twist it is proposed to be an inherent and indivisible aspect of the properties of matter, that is witnessed conceptually as the generation of untwisted looped pairs from longitudinal cuts of parent strips. The uracil molecule found in RNA of the cytoplasm of cells and not in the DNA of the nucleus or other organelles, seeming to act as a the delineator of biological identity has a mirror symmetry that is unrenderable in test tube experiment as it has been found not to be synthesizable from it chemically synthesized mirror halves. It's biological function and specificity to RNA seem to be a factor of the contortion ability of its planar configuration to fit in o the structure of DNA verses RNA. The existence of volume is construed from the geometry of the mobius strip as the mathematical product of the length of the center line of parent uncut strips times a surface area as the plane delineated in progeny looped pairs whose maximum width R/2 is construed to surmount mechanical/spatial constraints arising from the twisted nature of parent strips is held as a parallel to Newtons' Law of Motion the renders kinetic energy as E=mV^2/2 (E=energy, m=mass, V=velocity). The energy of masses is similarly obtained as a parallel to the E=mc^2 from the Theory of Relativity, but c as a variable in which volume containing energy is gotten from the transmission of energy (light for example) along the longitudinal length of parent strips; its arrival at positions adjacent to its origin on an opposite surface (e.g inside to outside) or anywhere along the surface of the strip constitutes both its temporal/and physical path. Space is conjectured to be shaped as the parent mobius strip. Volume in the absence of the spatial constraint of physically construed parent strips, is assigned without the R/2 factor such that volume is assumed from the product C^2 (circumference squared) times width which a shared modulating element of volumes of space assumed in the unidirectional propagation of matter but as C/2 (circumference/2) in lieu of the ¼ turn to a full ½ constraint limited to tangible spaces realized from the necessary parallel arrangement of strips to one another in space to render it an order in which all loci are uniquely represented. DNA can be construed in this scheme as a piece of physical path, physical and energetically active memory based on remaining residual energy from its transit across vast distances to assume a state of matter that embodies its' identity defined in relation to its previously existing state of energy possessing parametrically a unique path and velocity (Figure 2). Volume is attributed from the a past state of energy as radiation according to an inverse of its' volume as energy. If time is approximated as common to individual processes, C^3 (Circumference^3) becomes its volume as a representation of a length corresponding to c (the velocity of light) in the given time interval of the process and its bi-dimensional propagation in a plane transverse to the long length of parent strips. ΔC is proposed to be the topic of

constructions and is translated in magnitude to fit the square puzzle piece as a manifestation of available proximal spaces to form a synergy product of volume with the other three sides of the square in Figure 3. Volume becomes tangible space as the product of an area (W*C) times C/2). The manifestation of proximity is intuitively suggested to be a function of the inverse of the parametric value of c as 3*10^8 meters per second or about .3 meters per year. Inverse plots of the egg (Figure 4) from a construction of space involving light emitted in plane transverse to the direction of propagation of a moving mass from the mass as a traveling point on a line fit both the scale and shape of starting plots though independent parameters of angle align very differently in the rendition of form. The equation for the plot of figure three renders a false on integration but for periods that are added from a value of pi where integrals are zero, demonstrating a repeated inversion of its' surface with a period of 180 degrees (1/2 twist) such that it encloses no space as a parent strip but is able to enclose space when folded as a whole physical entity or in concert with other strips, but especially as divided looped structures that do not possess a twist, though it is uncertain how this particular surface would be divided in corresponding analogy, less that the plane comprising Δc is divisible along the axis ascribed to linear motion ($v+2\Delta c$) which is secondly divisible at the symmetry $v +/- \Delta c$.

This conceptualization of emergence is very similar to the physics of crystal growth in a medium which supplies the energy and resources for growth from a seed. Recent research reports (Sowerby et al., 2) on mechanisms of the origin of life suggest that the genetic code might emerge from layer,s of nucleosides generated under artificially created conditions that are postulated to have existed in the past. This evaluation, though lesser in scope than the presented model does not preclude it. Recent assessments (Danchin et al., 3) relate physical structure of the cell wall to the arrangement of the genetic information suggest that it is emerged via a means of physical constraints that are innately translated from aspects of gene arrangement and function. This creative holistic approach in analysis concurs with the presented representations of indirectly arrived natural proximities and the existence of physical/spatial constraints that are arrived from a translation of linear geometry in which constraints existing as a special case (i.e. pre-existing in DNA) are translated to be characteristic of the physical content of space(s). In broader view DNA is postulated to obey the same physics with respect to structure and function. The interpretation from observation of a genetic language is suggested to be by induction **(4)** that excludes self relation and relation to the external and given classification as a general case.

The geometry of Euclid can be envisioned to graduate from the set of the illogical set of slices of the world to the set of logical wholes with simple twist that inverts inside with outside. Most important to the conductions of human activity, science activity is a new 'logical' concept for proximity that bears it truth more in philosophically found aspects of the world rather than from within the straight line views erected from the wishes, wants and frustrations of civilization.
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Figure 1 Representation of Transverse and Longitudinal Components in Entities

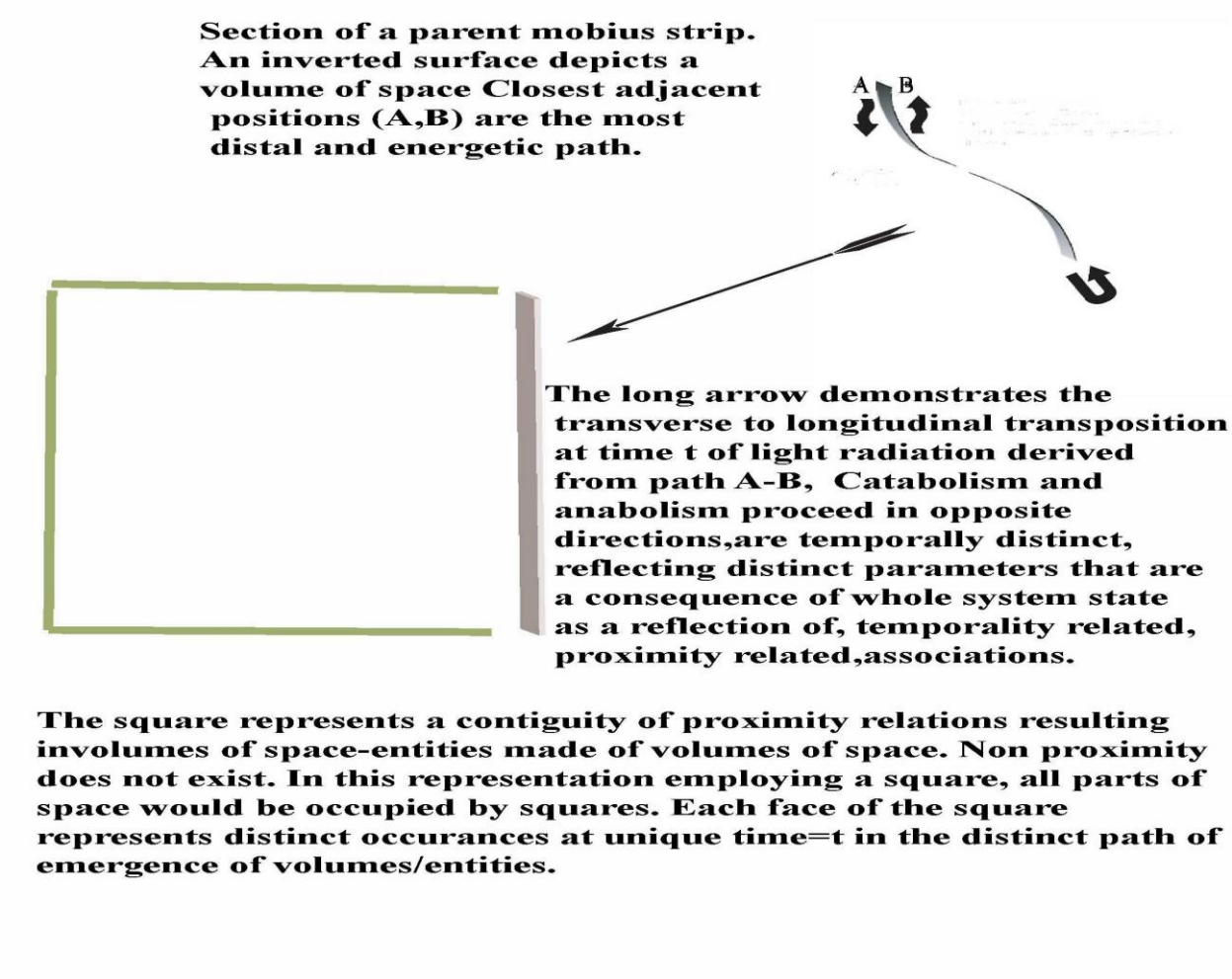


Figure 2 The Form of DNA possessing the quality of memory is derived from the general from of space as an inverted surface. Distances are along the length of the inversion; volumes are areas of surface multiplied times distance. A model composed of inherited proximities are proposed as a spatial necessity for the feasibility of living entities.

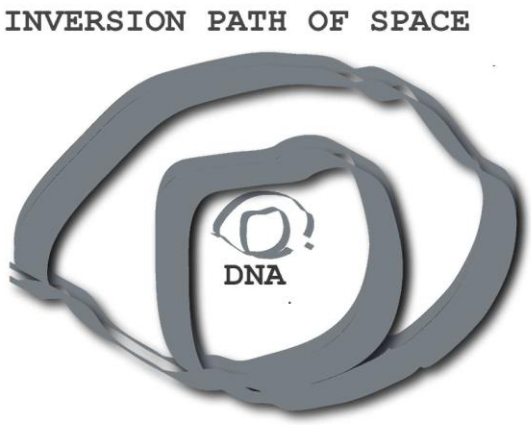
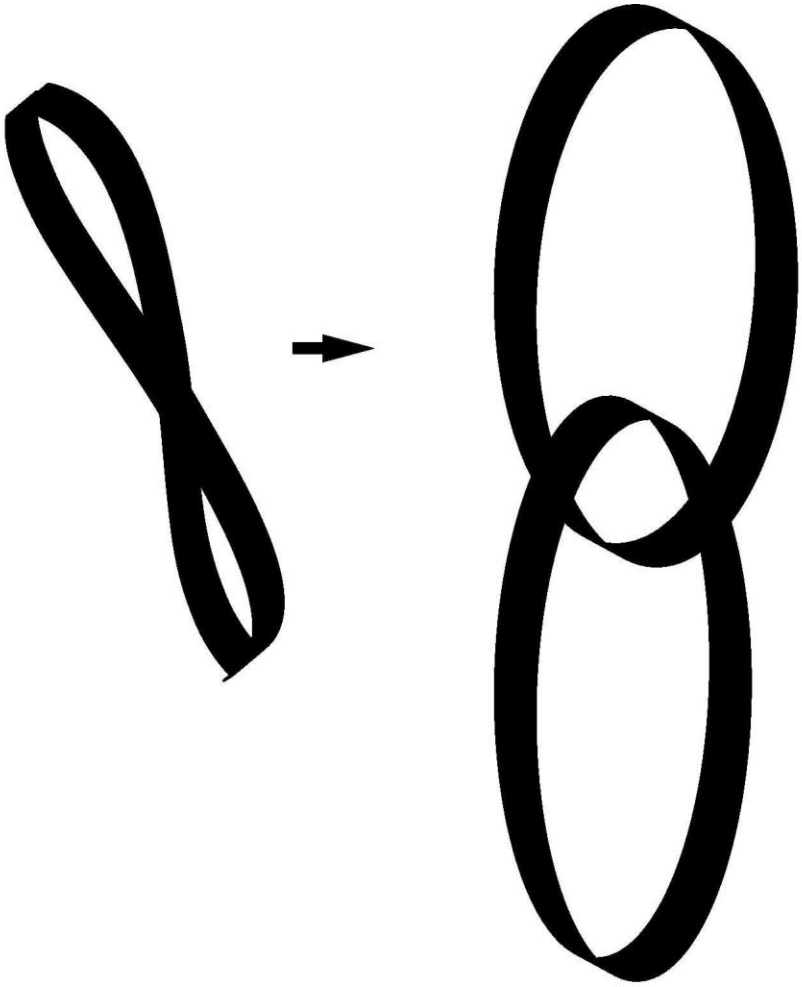


Figure 3 Geometry of the Mobius Stip



Parent mobius strip and progeny looped structure from a longitudinal cut along the center line.looped structures reflect an energy possessing mirror symmetry attained in the formation of mass from energy. The chained loops are construed in a physical sense to be conceptually parallel with matter, the parent with the propagation of energy. A process is describable with the more fluid propagation of energy (the plane corrdinate system of the parent mobius) and matter (the translation from parent to progency to from volume, parallel lines in the parent translate to constrained, energy possessing, associations. The world is construed to be wholey composed of parallel relations lessfor the married loop pair which is spatially constrained, manifest within matter, married loops, temporalily identical are not meantto indicate chemical bonds but energy inhetent to chemicals,

Figure 4 A graphical representation of an egg made from an equation (Equation 2). On the right is its' inverse (1/R)(black) supper imposed on the non inverted form (green). Both the inverted and non inverted forms occupy comparable volumes and shapes, may represent a fitting of transparent energies/geometries to form a 'logic' of the universe

E/m= Velocity^2/2 + Light Velocity^2 (C (Speed of light) is applied as a variable

R(a)Sin @ = Velocity R(a) Cos @ = Velocity of light

Radius/Radius(a) = [[(sin theta)+2 (Cos theta)]^2(2 Cos phi)^2]^1/2