

Exploration

Introduction to the System of the Cosmic Order

Robert Campbell *

ABSTRACT

We intuitively sense that there must be such a thing as universal wholeness. We all need an integrating framework to make common sense of the diversity of our phenomenal experience. Undifferentiated universal wholeness must admit of the separate things that we experience. This necessarily introduces a Rift in Wholeness that requires discrete levels nested or subsumed within it. This is fundamental to the cosmic order and to the nature of being. There is one System of order that transcends and subsumes an open ended hierarchy of higher Systems that elaborate on it. Systems 1, 2, 3, and 4 are introduced accordingly. Although Systems higher than System 4 soon become beyond the grasp of human intelligence the first four Systems can take us very far and expand the horizons of science. They define the structural dynamics of the creative process that seeks to mend the Rift in Wholeness.

Key Words: cosmic order, universal and particular, one and many, hierarchies, space and time, atoms, quantum of energy, the Void, yang and yin.

The System: Introductory Concepts

The System shows how the cosmic order works. There is only one System but it elaborates in an open ended hierarchy of discrete sub-systems nested within itself. Hierarchical order provides for a oneness to the diversity of the universe and allows us to meaningfully integrate our phenomenal experience. This implicitly imposes boundary conditions to specific phenomena, since there cannot be a physical boundary to the whole universe in preconceived concepts of space or time. There can only be a boundary between a universal inside as it relates to a universal outside across one or more active interfaces between them. Neither the universal inside or outside can be known to the exclusion of the other. Space and time derive from the way the hierarchy works not vice versa.

We see boundaries as the closed surfaces of physical things, such as the atoms and molecules of trees, animals and people, all of which share a common inside and outside, neither of which can be known to the exclusion of the other. This deserves emphasis. All we can know is active interface processes between them.

Each sub-system elaborates in discrete nested stages, each stage determined by the number of active interfaces between a common inside and outside. We may thus think of System 1, System 2, System 3, System 4, System 5, and so on. Each higher system elaborates on the lower systems that transcend and subsume them so that it remains One System of delineating the cosmic order.

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E-Mail: bob@cosmic-mindreach.com Note: This article is based on author's work of 1979, 1985 & 2005.

Each higher system is complete and fully self consistent within itself, since each higher system must be consistent with the Lower Systems and System 1. Systems 1 and 2 transcend and subsume events in space and time. Cosmic insights that transcend and subsume the whole of creation are possible via System 2. The unaided intellect cannot reinvent the cosmic order in language, but the cosmic order can reveal itself directly in the private domain transcending creation.

System 3 prescribes how atomic matter is synchronously projected as separate atoms linked up by light in a discontinuous universe on a cosmic scale. It is the primary activity from which space and time derive. Homologues of System 3 prescribe galactic, solar and planetary organization.

Systems 4 and higher prescribe how biological process evolve and work to meaningfully integrate sentient experience nested within the subsuming context of System 3 wherever planetary conditions are favourable. Biologically living processes have a cosmic origin and are probably seeded by spores from interstellar space. There is no credible series of chemical accidents that can produce a living cell. A living cell is a highly recursive energy pattern that is distinct from the molecular forms that clothe it.

The System is not mathematical. Mathematics, like all languages, has evolved from how the System prescribes the roots of meaning. There is nothing more fundamental than the System. The cosmic order cannot be reduced to language or algorithm of any kind. The lower Systems can nevertheless be represented by active interface processes consistent with how phenomenal experience is presented to us both in the public and private domain. Language evolves accordingly.

One System must allow for all possible varieties of experience in the way that it integrates diverse elements as a whole. Since it must be all inclusive, it cannot be based on some ideas to the exclusion of others conceived in language, while it must allow for mutually exclusive varieties of phenomenal experience. It concerns the structure of being as distinct from the knowledge of phenomenal behavior.

The descriptions of the Systems that follow are an introduction. The correspondence between the active representations of the Systems and phenomenal experience are advanced and require much study and reflection to assimilate and thoroughly understand. The inquiring mind will find them a challenge and a fascinating adventure of discovery. It pries open new windows of wonder.

System 1 and Universal Wholeness

System 1 transcends the whole of creation, the whole of history, the whole of space and time. It is an expression of *universal wholeness*. It can not manifest as a physical thing itself. That would define a boundary to it in space and time. System 1 must nevertheless specify boundary conditions or there could be no phenomena in experience.

This requires that all phenomena must share both a universal inside and a universal outside. All we can know is the active interface between them. We can not know the universal inside or the universal outside as separate things in themselves. We can only know their active relationship at interfaces between them.

Since active interfaces have an active universal Center inside it is convenient to call them Centers, so that we can speak of Centers 1, 2, 3 and so on associated with Systems 1, 2, 3 and so on. It is also convenient to represent the universal active Center inside as light that relates across one or more active interfaces to a universal passive periphery in darkness. Suns relate actively to the passive darkness of interstellar space. The fusion processes that generate light in the centers of suns are universal but we cannot know them to the exclusion of the passive outside. We can only observe as they emit energy across the active interface of the sun. This is picked up by the interface of our retina at the back of our eyes and transmitted by active interface processes of our nervous system that regenerate the visible reality that we subjectively see outside.

Structural Representation of System 1

The universal inside or common center is active and it relates to the universal outside or passive periphery across an active interface between them. This may be represented graphically from two perspectives, one passive and one active. Between them one can intuitively grasp the structural nature of System 1.

The active universal inside is represented by light, **L**. The passive universal outside is represented by darkness, **D**. Light is thus illustrated relating to darkness across an active interface between them. We see this confirmed in experience. Life giving energy comes to us from atomic processes within the sun. Energy is captured by plants within the molecular bonds of sugar to support the biosphere. It is the energy we digest inside our bellies that allows us to think and mobilize our bodies in response to our environment.

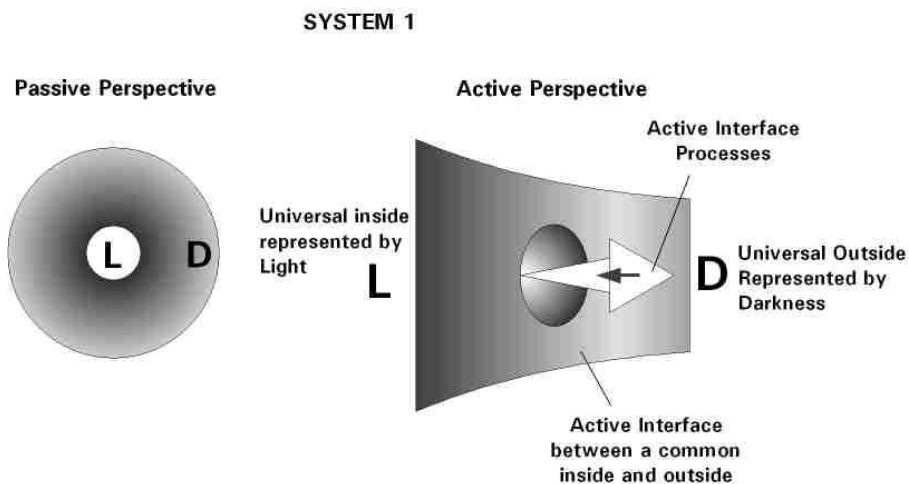


Figure 1

The active perspective in Figure 1 is most important. The passive perspective in Figure 1 simply helps us to better visualize the active representation in higher Systems.

We are concerned with intuitive insight into the structural dynamics of phenomenal experience. The creative energy disseminates from the active center, as shown by the white arrow in Figure 1, and there is reflux back toward the center, as shown by the black arrow. We see the reflux in the transformation of the atmosphere and the geological evolution of the continents over the past few billion years by plants and invertebrates that have deposited carbon. Organic life cycles arising from the planet in response to the sun relate back to transform the planet. There is likewise evidence for reflux of old heavy stars through the galactic center to regenerate stocks of primary hydrogen for new generations of stars.

A Rift in Universal Wholeness

The concept of universal wholeness, as represented by System 1, requires an interdependent twoness as a level of subsumption within it. We cannot conceive of undifferentiated oneness without distinction or attribute of any kind. Meaning slips away from us. In order for there to be a subjective and objective aspect to things we must be able to distinguish separate active interfaces as boundary conditions of phenomena. We identify things as separate interfaces with surfaces of some kind. This requires two active interfaces, one universal and unique and the other particular, representing many. Manyness can only find reconciliation with oneness in this way.

This means that there is a fundamental *rift in universal wholeness* between the *universal* and the *particular* aspects of phenomena. It is this rift in wholeness that gives rise to the nested higher Systems that constitute the creative process. The creative process endlessly seeks to mend the rift in wholeness. As humans we likewise seek a unified worldview that we can creatively relate to in order to integrate and make sense of our experience. We all have a theory of everything that we intuitively relate to. For example if we believe that that physical death brings total psychic annihilation we believe this is true for every sentient creature that has ever lived anywhere in the universe. We do not believe that we alone are singled out for extinction.

Science also seeks a grand unified Theory of Everything in Big Bang cosmology but it only accepts an objective perspective believing that all things exist in a preconceived spacetime continuum. The subjective mind that conceives of it is not acknowledged as a distinct reality inside. There is no universal inside, just a universal continuum outside that began in a primal burst of existence from nothing. That is the universal vessel in which all things physically exist outside. Mind, all mind, is an emergent property of physics. This objective perspective places us outside our own subjective understanding.

The rift in universal wholeness allows for subsumed levels of differentiation in phenomenal experience that acknowledges both a subjective universal inside and an objective universal outside. This is an approach that has never been thoroughly explored before.

The Universal Center and System 2

The *only* alternative to believing that events take place in a universal common outside in a spacetime continuum is to also acknowledge a universal center to all phenomena. This is a universal requirement for both a subjective and objective aspect to all phenomena consistent with System 1 and to a rift in universal wholeness.

System 2 is represented by two active interfaces. Each shares a common universal inside with respect to a common universal outside, as required by System 1. One interface is universal and one is particular.

The universal interface is unique and designated as Center 1. It is a manifestation of System 1 acknowledging Other than Self. It transcends the particular interface, designated as Center 2, which represents many of a universal kind. The universal interface is an archetypal pattern of Universal Being that each particular interface can structurally relate to in *only* two possible alternate ways. One is *objective* and one is *subjective*.

The Objective Orientation of System 2

In the objective orientation illustrated in Figure 2 the universal interface is inside the particular interface. *Center 1* represents a common subjective center to all particular interfaces represented by *Center 2*. Together they relate objectively outwards to other particular Centers 2. Other particular Centers 2 are perceived in a common outside designated as darkness D.

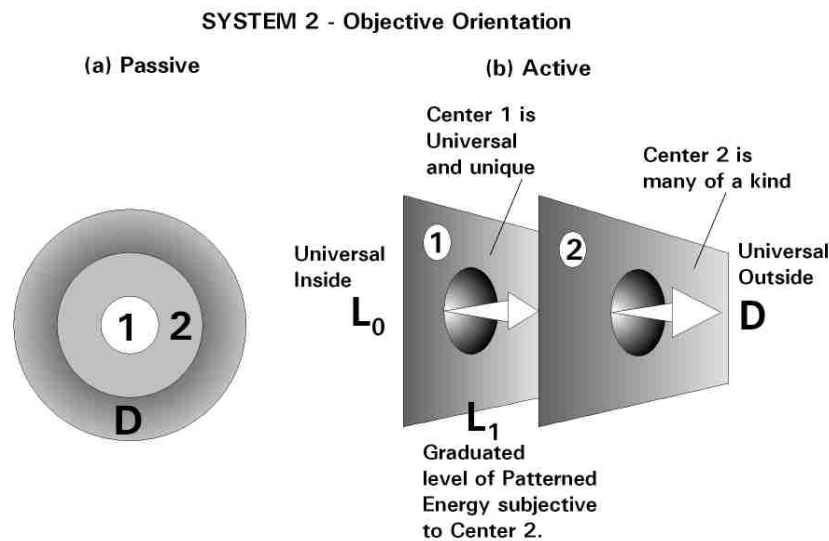


Figure 2

In Figure 2 it can be seen that light disseminates from within center 1 (C1) through center 2 (C2) to the universal outside designated as darkness D. A graduation of patterned energy between them is designated L_1 . C1 is universal and unique, while C2 is particular and manifold. C2 represents any

number of particular centers in the objective world. Everything shares a common active center inside and a common universal outside in darkness, consistent with System 1.

Although particular centers subsume hierarchical levels within them that are distinctions of kind, the only distinction of kind that is explicit in System 2 is that between the universal and particular aspects of experience in general. This is a very fundamental characteristic of experience. System 2, like System 1, transcends and subsumes the whole of space-time. As particular human beings this requires that we seek universal wholeness as a condition of living. We implicitly need a universal worldview to relate to.

The Subjective Orientation of System 2

In the alternate mode of System 2, called the subjective orientation, C2 turns around to face C1. It now faces C1 that was formerly within it and through which it still derives its energies since they share the same universal inside. C2 now objectively faces the universal center of the universe distinct from itself. It is nevertheless a transcending subjective orientation in which C2 explicitly shares in the archetypal nature of C1 as Universal Being. C2 sees C1 as System 1 from the subsumed perspective of System 2. This is completely distinct from the objective orientation where many C2s are open to a common outside that they share. Experiences of this kind are cosmic in nature and private. They transcend and subsume the whole of creation.

Neither interface can admit of more than one other active interface in this orientation if universal wholeness is to be preserved. The subjective orientation is One, whereas the objective orientation is Many. The subjective orientation is a private realization that bridges the rift in universal wholeness from which all creation proceeds.

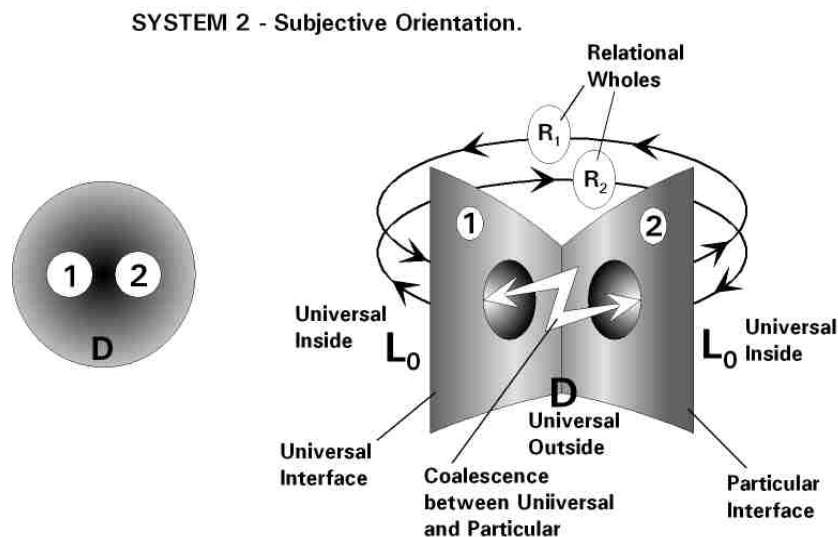


Figure 3

In the subjective orientation of System 2 one particular interface C2 can only share phenomenal experience with the universal interface C1 at the latter's discretion. All active communication is

one way, from the universal C1 to one particular C2. This must be so as a condition of universal wholeness. The two are coalesced as One but are two. Each perceives the other objectively outside but share subjective experience at the discretion of C1.

Normal organic feedback to the particular human being's consciousness is totally suspended. The particular human being can entertain no independent thoughts, forms, ideas, or actions apart from C1. This bridges the Rift in Universal Wholeness. The particular center C2 realizes that the universal center C1 is the living manifestation of truth, unity, harmony, love, compassion, justice, mercy, and cosmic order. Universal values are the ultimate reality manifest in Universal Being.

In the passive illustration it is clear that C1 and C2 are mutually distinct as separate centers, yet they must relate to one another as one. They are an elaboration of System 1. In the active mode the two centers are shown mutually perceived as one by the double headed **Z** arrow. They both share the same inside, **L₀**, and the same peripheral darkness, **D**, outside. It will be said that they are *coalesced* as one, although they are two. They must relate both as two and as one. C2 shares in the Universal Being of C1 at the discretion of C1. This is illustrated by the relational wholes **R₁** and **R₂**.

System 3 Generated by Two Sets of Three Centers

System 3 is generated by two *sets* of three independent yet mutually related active interfaces or centers.¹ The nature of the three active interfaces is identified by a universal hierarchy that specifies their step-like progression from a universal center or inside to a universal periphery or outside. There are only four possible ways that three centers can relate to one another with respect to a universal inside and outside consistent with Systems 1 and 2. Each way is called a term.

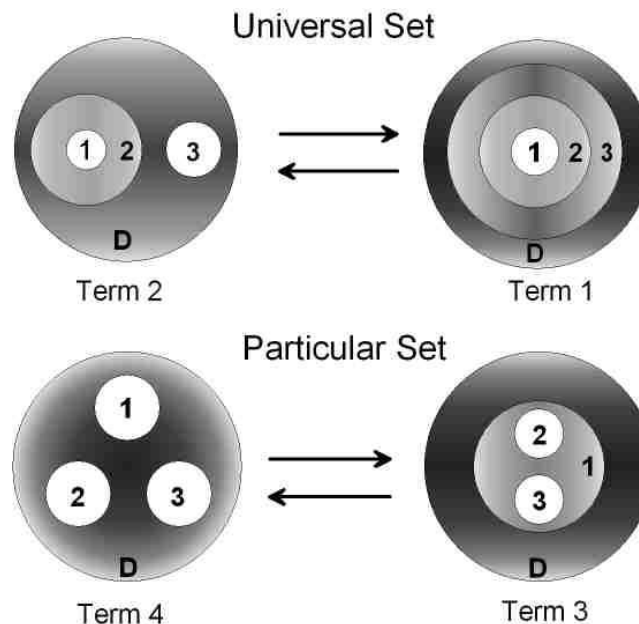


Figure 4

¹ Campbell R. System 3. <http://www.cosmic-mindreach.com/System3.html>, 1979, 2005.

The Systems coexist and are not derived one from another in a temporal sequence. They are illustrated in the passive perspective in Figure 4. Terms 1 and 3 are objective. Terms 2 and 4 are subjective. Note that objective and subjective begin to compound within themselves. The four terms are shown separately in the active perspective in Figures 5.

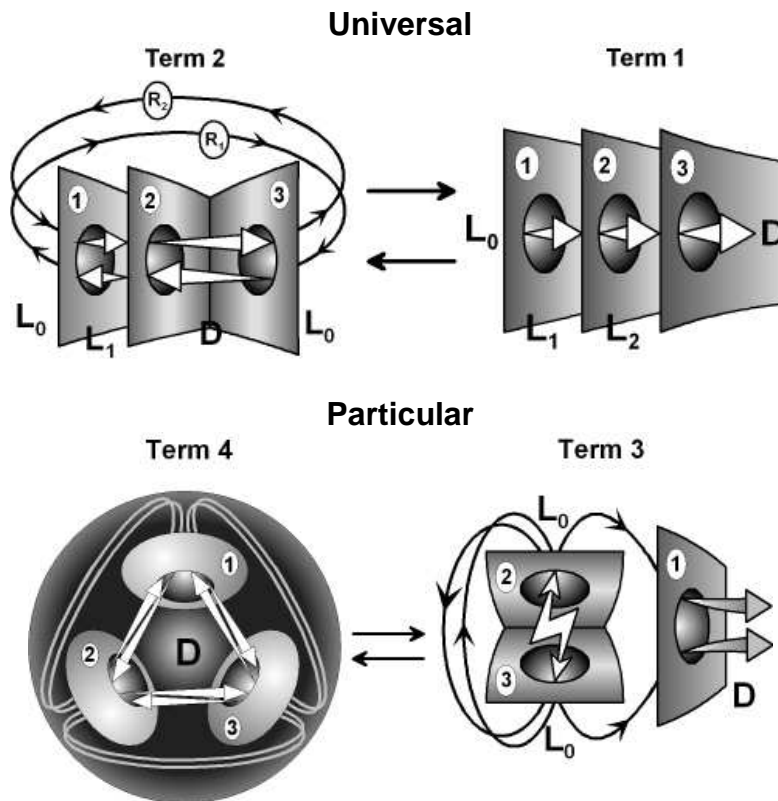


Figure 5

The two sets of terms as shown in the active perspective in Figure 5 cohere together as shown in Figure 6. C1, C2 and C3 represent Idea, Routine and Form respectively. For example we always give Form(3) to Idea(1) through a Routine(2) of activity. In other words Idea(1) gives direction to Routine(2) which gives direction to Form(3). This is the universal hierarchy of System 3. At a primary level the three active interfaces represent the photon(1), electron(2), and proton(3).

Two Coherent Alternating Modes of System 3

In the objective mode in the bottom half of Figure 6 the Photon(1), Electron(2) and Proton(3) in each atom have mutually closed spherical surfaces that define spherical inner space with respect to linear outer space defined by the transmission of light. The universal Term 2 is confined within and tunnels through the mutually closed triad of particular Centers to intimately link them up in pairs.

This universally invests each particular Center in the triad with subjective and objective characteristics with respect to the other two particular Centers. The top half of Figure 6 shows the formless and timeless quantum energy equivalents of each physical atom. Atoms are synchronously projected as a series of still frames linked up by light. All relative motion occurs as quantum jumps in position between space frames through the agency of the timeless and boundless Void.

The Void is a master memory bank for Systems 3 and higher. Each particular Term 3 has eternal or timeless characteristics since it simultaneously reconciles the internal and external aspects of electrons(2) and protons(3) as constituents of photon(1) energy for each primary hydrogen atom. Collectively the quantum photon energy packets of all atoms constitute the boundless Void from which successive space frames are recalled in a cosmic movie. Routine and Form coalesce as elements of technique that constitute the Idea.

Figure 6 shows how the universal and particular Terms cohere in alternating modes.

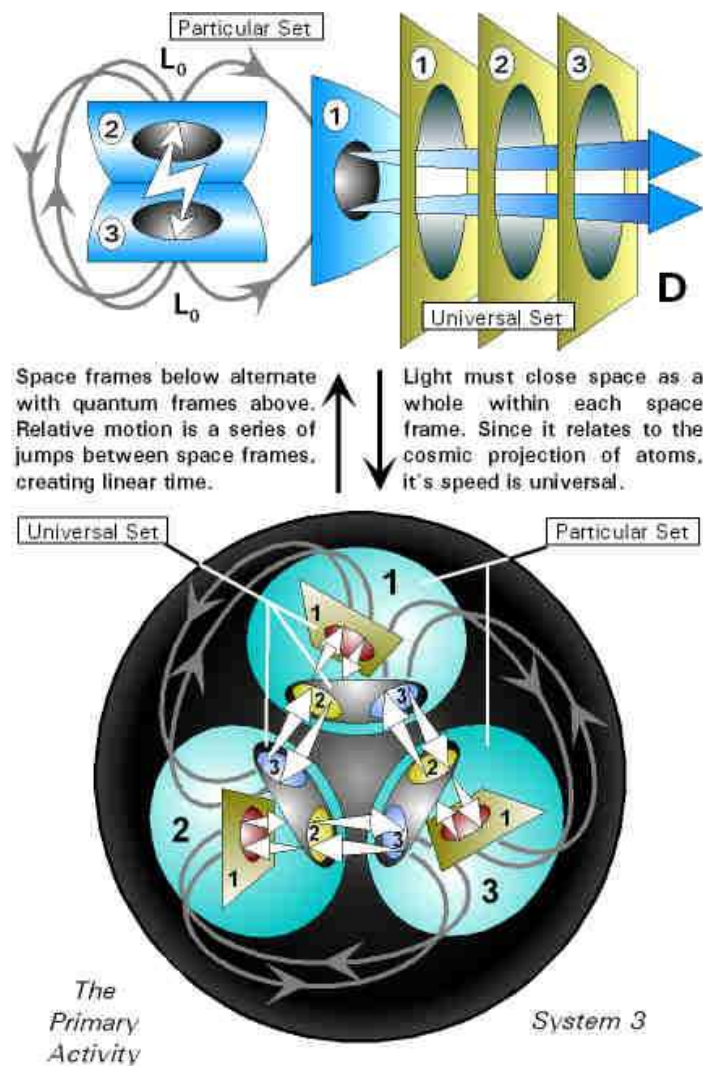


Figure 6

System 3 prescribes the organization of the physical universe. Systems 4 and higher prescribe the organization of biologically living systems nested within the physical creation where conditions permit.

All the higher Systems have Terms with closed triadic relationships as well as timeless and formless Terms. Only triadic relationships are mutually closed and exhibit surfaces. There are a variety of ways this happens in the higher Systems.

The System 4 Hierarchy

The four active interfaces are an elaboration of the three active interfaces that generate System 3. Knowledge is distinguished from Idea in System 4, since a monolithic Idea does not allow of diverse phenomena distinct from physical matter. The distinction thus derives from the same *Rift in Universal Wholeness* that gives rise to Systems 2 and 3 from System 1. Each higher System must elaborate on the nature of Universal Wholeness. This generates the creative process.

The System 4 hierarchy is as follows:

(C1)IDEA → (C2)KNOWLEDGE → (C3)ROUTINE → (C4)FORM

It is noteworthy, even remarkable, that these four words structurally define coherent meaning within each of the nine Terms of System 4 as they dynamically relate to one another in the evolving matrix of interactions through the 12 Step Sequence outlined below.

We can see that the hierarchy applies to any human activity. There is always an *Idea* that gives direction to our learned *Knowledge* that in turn directs a *Routine* of visceral and muscular activity that results in an altered *Form* of the body in concert with the Form of the physical environment. The hierarchy is universal and is designated by Term 9 of System 4. If we focus on the neurological and muscular processes that animate us we can see that the four words in the universal hierarchy have biological correlates as follows:

C1 – Host (Idea):

The Host human being is an archetypal energy pattern that is clothed in molecules in common with the whole universe. We have evolved over hundreds of millions of years as people housed within a physical body. We animate our bodies according to subsumed electronic ideas in our nervous system that we entertain and that we may commit our actions to.

C2 – Organs (Knowledge):

Knowledge is invested in our body's infrastructure. It is implicit in the complement of Organs that make us up and that have evolved over a history of learning, including our evolutionary history as a species and the species that historically preceded us. The vertebrate lineage from reptiles to humans has a similar quadruped body plan of similar Organs that is archetypal in character and that allows us to benefit from an evolutionary history of learning. Knowledge implicit in our central and peripheral nervous systems allows us to meaningfully integrate our

experience including our personal history of learning and the synaptic connections that have developed. Knowledge embraces how Organs are organized to interrelate.

C3 – Cells (Routine):

Cells are the factories that constitute Organs and that manufacture our molecular forms through highly recursive biochemical Routines that are catalyzed by complex legions of protein enzymes that catalyze even themselves. They increase reaction rates by millions of times and are indispensable to the function of every living cell. Because enzymes remain chemically unaltered and employ phosphate ions as the energy currency of exchange, each Cell is a highly organized energy pattern that clothes itself in molecules according to its needs.

C4 – Molecular Form:

The physical universe is constructed of 92 naturally occurring atomic elements that chemically combine into inorganic and organic molecules of potentially endless variety in biological systems. Atoms and molecules have closed surfaces generated by System 3. They have opaque surfaces that allow us to see, feel, and interact with physical Forms through the physical Form of our own body. As the archetypal Host of our body we have an archetypal capacity to animate the molecular Forms of our body as we wish in response to our physical circumstance. We can thus reinterpret the universal hierarchy as it biologically relates to human behavior as follows:

Host (C1) → Organs(C2) → Cells(C3) → Molecular Form(C4)
Idea(1) → Knowledge(2) → Routine(3) → Form(4)

The above four Centers define the meaning implicit within each of the nine Terms.

The Transform Sequence of the Three Particular Sets

Six of the Terms are particular and three Sets of Particular Centers follow through a repeating Six Step Term Sequence I, 4, 2, 8, 5, 7 one Step apart in the following order:

- Step 1.-T1 - Perception of need in relation to response capacity.
- Step 2.-T4 - Ordered sensory input alternately from the environment or simulated.
- Step 3.-T2 - Creation of idea as a potential action response or creative concept.
- Step 4.-T8 - Balanced response to sensory stimuli as a motor output to muscles.
- Step 5.-T5 - Action sequence of muscular activity with proprioceptive feedback.
- Step 6.-T7 - Sequence encoded as a unit memory for recall to T1 and another sequence.

Because the three Sets follow one Step apart Terms 8, 7, and 4 alternate with Terms 1, 2 and 5. Term 7 is a memory term since the inverse of the number 7 is 1, 4, 2, 8, 5, 7 repeating. There are Expressive and Regenerative modes for most of the Terms. In the Regenerative mode Centers 1 and 2 exchange places.

All of the Particular Terms except **T8E** have a Regenerative Mode that simulates an anticipated action as well as an Expressive Mode that is conditioned from past experience. The Particular **T8E** is always Expressive and acts as a pivot for transformations between Expressive and

Regenerative sequences. A total of 12 Steps are thus required for all three Sets to complete 7 expressive and 5 regenerative Term transformations in their respective sequences. In each Step, Expressive and Regenerative Particular Terms from the three Sets interact to span and integrate past and future. The 12 Steps are divided into three 4 Step Cycles by the Universal Sets that transform sequences spanning 4 Particular Steps.

Each such Particular Set Term Sequence follows a 12 Step path through the nervous system, synapse by synapse. The nervous system has evolved in just this way. There can be many parallel Particular Sequences active at once through parallel neural pathways since the nervous system is structured with the same number of synaptic junctions in each pathway. The Universal Sets integrate all Particular pathways into a coherently organized and meaningful activity.

The Primary Universal Set and Its Transform Sequence

Term 9 is the Universal Hierarchy **UT9**. The Universal Set begins each Cycle in the Term 9 position where it stays for Steps 1 and 2. The four active interfaces (centers) of **UT9** prescribe the 4 Step Cycles. **UT9** has universal access to **T7R** Host memories of the Quantum Sensorium called the Void. It identifies them as relevant Ideas(1) for recall in Step 1. In Step 2 the recall is Known(2). Then it transforms mid Cycle to a Regenerative **UT8R** term concerned with universally balancing available energy resources to fuel a priority of Routine(3) action needs in all the various Particular pathways. It budgets energy expenditures committed to an integrated plan of change in body Form(4) in Step 4.

Each Cycle ends after four Steps when the Primary Universal Set transforms from **UT8R** back to **UT9** to begin the next Cycle. The Term 8 Regenerative mode **UT8R** always belongs to the Primary Universal Set because it specifies the context as the Host species. The Primary and Secondary Universal Terms cohere together. The Secondary Set relates to specific Host human beings.

The Secondary Universal Set and Its Transform Sequence:

The Secondary Universal Set begins each Cycle as Term 3. **UT3** is concerned with the Transference of Idea into Form, via the coalescence of Knowledge with Routine. As **UT9** identifies relevant Host Ideas(1) as memories in the Void in Step 1, **UT3** integrates them as a coherent action plan that can translate Idea(1) into Form(4). In Step 2 of each Cycle **UT3** transforms to **UT6** which is the Corporeal Body of a specific Host human being. **UT6** does not transform in Step 3, but the Primary Universal Set transforms to **UT8R** which coheres with it. This works like the coherence in the Space Frame side of System 3. In this case it budgets energy resources to an integrated action plan entertained by the **UT6** Host. In Step 4 **UT6** transforms to a universal **UT2E** expressive idea term, where **UT8R** coheres with it again. This explicitly commits resources to an integrated planned idea entertained by the Host. At the end of each Cycle both Universal Sets transform back to their original positions to begin a new Cycle. Because there are three synchronous Particular Sets all twelve Particular Terms are represented in each Cycle but in different Sets.

The Four Repeating Steps of Each Cycle:

The two Universal Sets are in yellow circles. The three Particular Sets are in red, green and blue.

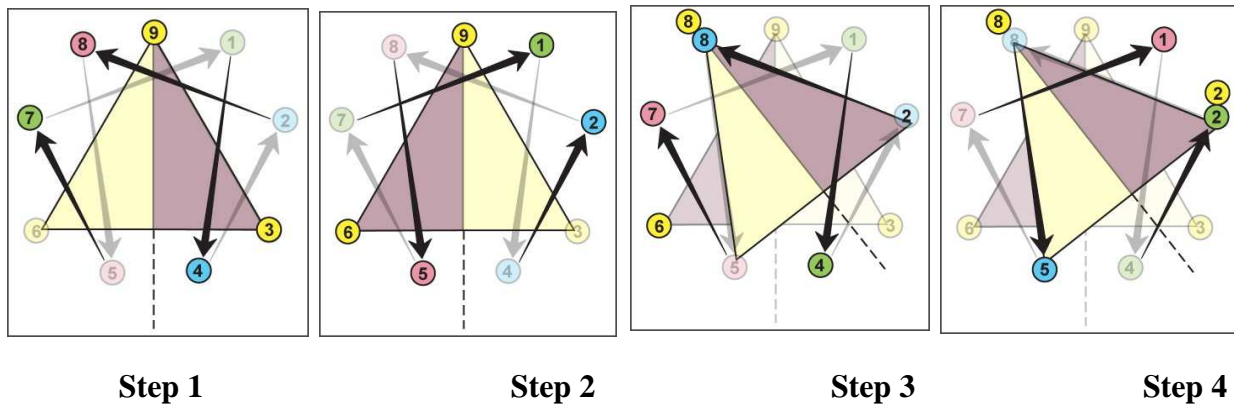


Figure 7

Chart of Term Transformations in Three Cycles:

Step	Set 1	Set 2	Set 3	Set U1	Set U2	Cycle
1	T8E	T7R	T4E	UT9	UT3	1
2	T5E	T1R	T2E	UT9	UT6	
3	T7E	T4R	T8E	UT8R	UT6	
4	T1E	T2R	T5R	UT8R	UT2E	
5	T4E	T8E	T7R	UT9	UT3	2
6	T2E	T5E	T1R	UT9	UT6	
7	T8E	T7E	T4R	UT8R	UT6	
8	T5R	T1E	T2R	UT8R	UT2E	
9	T7R	T4E	T8E	UT9	UT3	3
10	T1R	T2E	T5E	UT9	UT6	
11	T4R	T8E	T7E	UT8R	UT6	
12	T2R	T5R	T1E	UT8R	UT2E	

New sensory input from the environment comes via **T4E** in Set 3 in Step 1. Sensory input **T4E** in one Set of Step 1 of each Cycle is always coupled to memory recall **T7R** to begin a related simulation sequence. Memory recall must always be linked directly to sensory input in order for our thoughts, feelings, and actions to be relevant to ongoing circumstantial input. This must also be reconciled with the previous action sequence **T8E** (simultaneous motor instructions to muscles) in order for there to be a smooth transition from Step to Step. The regenerative terms at the spinal level are accommodated by gamma motor neurons that project to muscle spindles. A gamma motor simulation in **T1R** is followed by a muscle spindle simulation in **T4R** in Step 3 that generates proprioceptive feedback about body position in space. The regenerative simulation anticipates a suitable future result that is reconciled with the alternate **T4E** term in Step 1 of each Cycle.

The Passive Representation of the Nine System 4 Terms

Term 1— *Perception of the Field* (Particular): The separate centers coalesce in pairs, *idea* C1 with *knowledge* C2, and *routine* C3 with *form* C4. Perceived need thus relates to resource capacity to respond.

Term 2— *Creation of Idea* (Particular): The C1, C2, C3 triad exhibits a *known* potential to enact *idea* in *routine*. *Form* C4 feeds back from the environment through *routine* C3 to find identity as a superimposed *idea* on the closed triad.

Term 3— *Transference of Idea* (Universal-Secondary): C2 and C3 coalesce. *Knowledge*(2) contains *idea*(1). *Routine*(3) contains *form*(4). *Idea*(1) is thus transferred to *form*(4) through the coalescence of *knowledge* and *routine*.

Term 4— *Mental Work* (Particular): C1 and C2 coalesce within C3 separate from C4. *Idea* and *knowledge* together relate through *routine* with external *form*. Sensory input alternates with proprioceptive simulated feedback.

Term 5— *Physical Work* (Particular): *Idea* C1 directs *knowledge* C2 from within, which in turn directs *routine* C3, which finds a physical identity in *form* C4. Countercurrent proprioception feeds back from *form*(4) to *idea*(1).

Term 6— *Corporeal Body* (Universal-Secondary): The closed triad *Idea* C1, *knowledge* C2, & *routine* C3 is behind the common physical *form* C4 of the universe. Each triad member projects independently through form, C4.

Term 7— *Memory Resources* (Particular): *Routine* C3 is coalesced with *form* C4 as a quantized element of technique within *knowledge* C2, and *idea* C1. T7 eternally reconciles inside and outside as a timeless element of memory.

Term 8— *Creative Feedback* (Particular): Countercurrent identities balance *form* C4 with *idea* C1 through *routine* C3, within the context of *knowledge* C2. Output balances input, and budgets resource distribution.

Term 9— *Renewed Perception of the Field* (Universal-Primary): *Idea* C1 gives direction to *knowledge* C2 which gives direction to *routine* C3 which gives direction to *form* C4. This is the universal discretionary hierarchy of System 4.

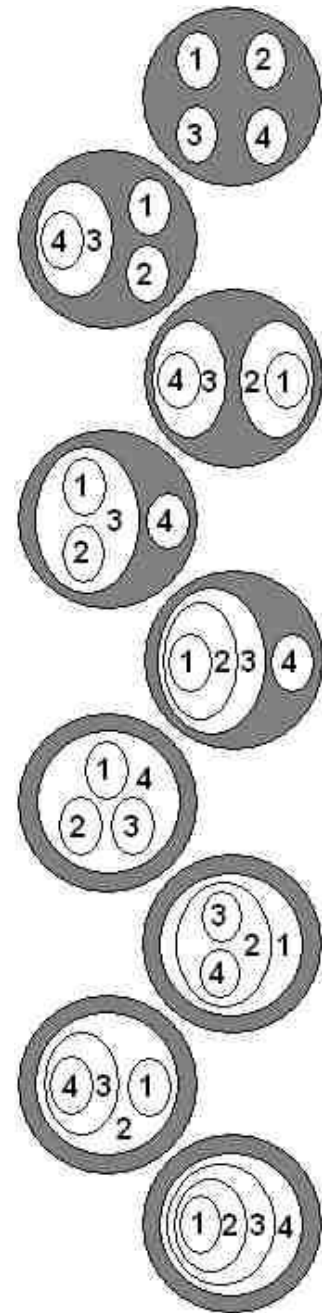


Figure 8

For better descriptions see: <http://www.cosmic-mindreach.com/System4Terms.html> .

The Active Representation of the Nine System 4 Terms

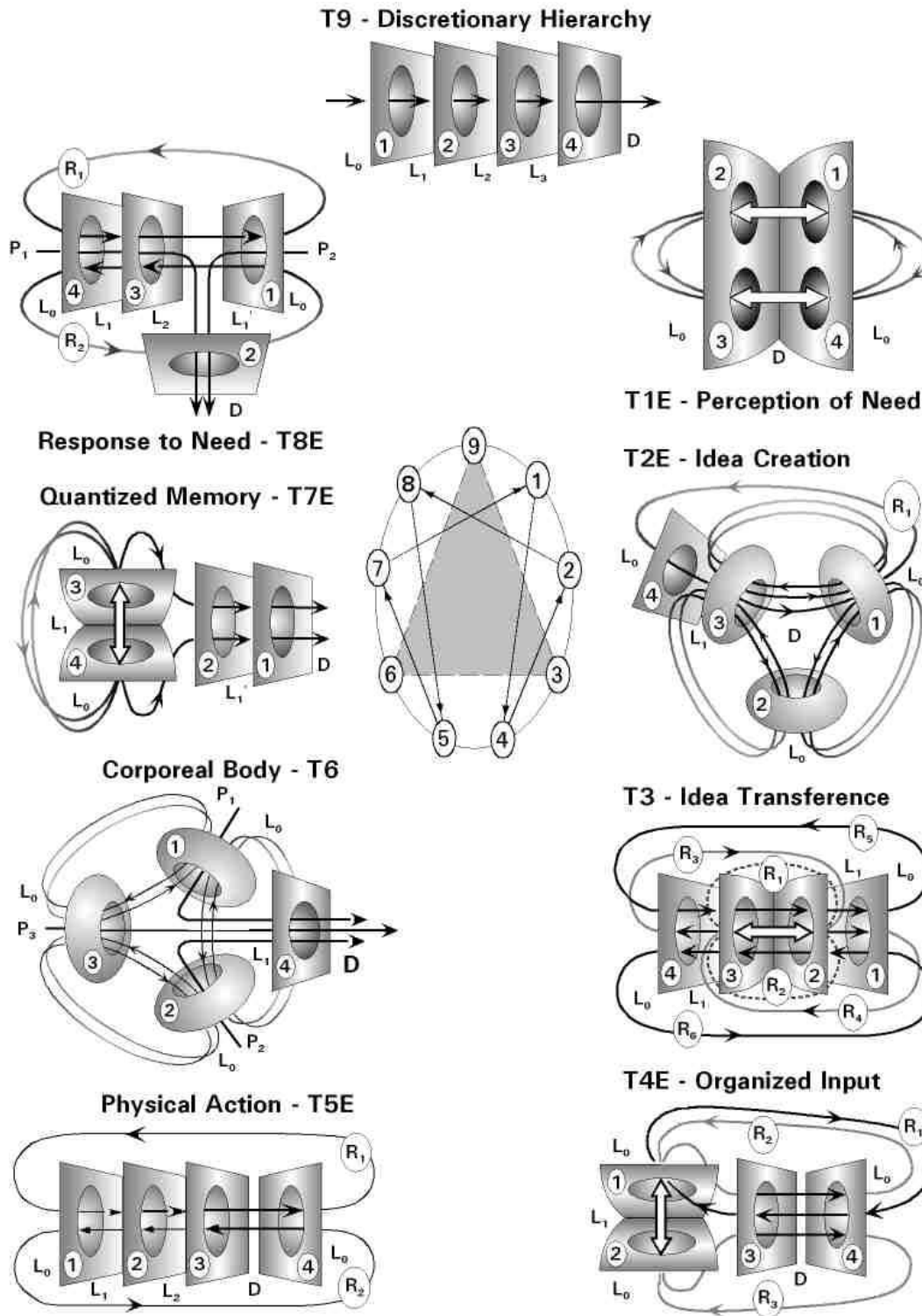


Figure 9

Descriptions of System 4 Terms and How They Work:

The descriptions opposite the passive representation of the nine Terms in Figure 8 are very brief and general. It is the active representations that generate the meaning implicit in each term and there are many subtleties involved. For a more complete description of each Term see the current article System 4 Terms or at <http://www.cosmic-mindreach.com/System4Terms.html> .

For a more complete description of how the Terms interact to integrate human experience see the two articles on the Human Nervous System. Part 1 shows how it works at the spinal level at the link http://www.cosmic-mindreach.com/System4_Sequence_Steps.html . Part 2 shows how the cerebellum integrates sensory inputs with cerebral function and motor outputs synapse by synapse at the link http://www.cosmic-mindreach.com/System4_Sequence_Part_2.html . For a description of how the Universal Sets integrate human experience see the article Universal Integration of Human Experience at the link:
http://www.cosmic-mindreach.com/Human_Integration_Cell_article.html .

It is a challenge to intuitively grasp how all this works as it does and why it must in order to be consistent with phenomenal experience as presented to us both subjectively and objectively. Once grasped however, many doors begin to open to unexplored vistas of wonder.

The Higher Systems

The higher Systems become very complex very quickly and they are not represented on the website. For example System 5 has twenty Terms. It consists of two interacting System 4's one objectively oriented and one subjectively oriented consistent with the lower Systems and an elaboration of them. Virtual images first occur in System 5. Each higher System has surprises that are not predictable from the lower Systems. It is not a logical progression in time. It can not be logically derived, even though it is logically self consistent. It can only be intuitively discovered. All the Systems are interdependent and coexist as One in an open ended elaboration of higher Systems that soon become beyond our reach. Nevertheless the various articles on the website should be sufficient to demonstrate that the first four Systems can take us very far beyond the current paradigms that guide us. For example System 4 can lead us synapse by synapse through the immensely complex intricacies of the human nervous system. The concepts are introduced under System 4 Terms.