

Article

Metaphorms: Physics Is Not Beyond You and You Make It Matter Part I

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ABSTRACT

The most deconstructed archetypal forms are vortexes, toroids, solitons, gyres, and singularities. The most fundamental archetype of process is the Field. To claim the wave is unphysical and the particle is physical is a dated idea of the relation between mind and body. The quantum vacuum is a dynamic massless scalar field. Scalars are just active information; a hologram is pure information. Entanglement is a property of nonlocal quantum information exchange. The central spiral vortex crossover point (all adjoining toroidal fractal involved fields) is what physicists call a "twistor" or a "wormhole". The underlying structure of the torus is the Vector Equilibrium, or "VE". Buckminster Fuller called it the blueprint by which nature forms energy into matter. In a vortex "outer" coexists with "inner" in a dimensional morphing contorsion-continuum. This vortex energy modality of the fractal universes -- this fractal -- repeats in every manifestation, including the Earth (the Body), the Psyche, the Soul, the Spirit that are manifested in the 4 Elements of Earth / Water / Air / Fire and their Torus-Vortex interactions. Fuller's search for a geometry of vectors led him to the isotropic vector matrix. Vectors produce conceptual structural models of energy events. Scalar space is "multi-" rather than "three-dimensional." Vectors are directed in every possible direction, while deliberately maintaining equivalent lengths and angles. This equivalence is necessarily determined by the symmetry of space. Vector Equilibrium is the "zerophase" of energetic manifestation.

Part I of this article addresses the topics of Seeds of Being, Metaphorms, Holographic Archetypes, Psychoid Field, The Archetypal Field, Scientific Archetypes, Psychological Archetypes, Resonant Filters, Metamorphosis, and Holographic Spiral Vortex.

Key Words: vortex, quantum vacuum, field and form, vector equilibrium, torus, archetypes, absolute space, DNA, syncretism, templates, vacuum physics, zero point, entanglement, chaos, consciousness, resonant filters.

From a subjective point of view, both wave and particle are abstract concepts we subjectively apply to phenomena we personally experience, from the rainbow on a CD (wave) to the ticking of a Geiger counter (particle). Most of the subjective evidence for either comes from the wave aspect, as manifest in particle statistics, although we physically detect light as particles in the rhodopsin of our retinas. --Chris King

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Seeds of Being

There are two complementary descriptions of reality, subjective and objective. Wave and particle are mental concepts in the subjective description and complementary objective features in the physical description. It is a fallacious spiritual-physicalism to claim the particle aspect is physical and the wave is not. The physical evidence for the wave aspect is as precisely manifest as the particle aspect. Every rainbow verifies this. We only know the particulate electron energy levels of the hydrogen atom from looking at a wave spectrograph and finding some frequencies are missing corresponding to the energies of electron orbit transitions in the hydrogen in space. This in turn is how we know the universe is expanding, from the red shift of these lines.

No quantum particle can exist with an energy and momentum without manifesting the wave aspects of frequency and wavelength. Some confuse the EM field and the wave aspect. The field is not the wave. The field can be described as a sea of virtual photons emerging from uncertainty, a few of which also briefly become virtual electron-positron pairs. If we feed energy into the EM field some of the virtual particles become real, as in a radio transmission.

Quantum electrodynamics describes the field in terms of an uncountable infinity of virtual particles propagated by a wave-theoretic Green's function, so although the field is described by particles, they propagate through wave spreading, resulting in a complementary description. To identify the field with electrons is a clunker showing how little physics the person actually understands. Electrons and all charged particles have the capacity to emit and absorb photons thus generating the EM field through the charge distribution. They are thus not the natural constituents (carriers) of the field. The photons, being uncharged, are likewise not generators. The weak force behaves a little differently because the carriers can also be generators.

The most deconstructed archetypal forms are vortexes, toroids, solitons, and singularities. The most fundamental archetype of process is the Field. The quantum vacuum is a dynamic massless scalar field. Scalars are just active information; a hologram is pure information. Entanglement is a property of nonlocal quantum information exchange. The central spiral vortex crossover point (all adjoining toroidal fractal involved fields) is what physicists call a "twistor" or "wormhole".

The underlying structure of the torus is the Vector Equilibrium, or "VE". Fuller called it the blueprint by which nature forms energy into matter – essentially an energy pump or transducer. Fuller's search for the geometry of vectors led him to the isotropic vector matrix. Vectors produce conceptual structural models of energy events. Scalar space is "multi-" rather than "three-dimensional." Vectors are directed in every possible direction, while deliberately maintaining equivalent lengths and angles. This equivalence is necessarily determined by the symmetry of space. Vector Equilibrium is the "zerophase" of energetic manifestation – the zerophase of the unified field. The vacuum, the source of organization, feeds all matter. The geometry of absolute equilibrium correlates with the vacuum in invisible flux. The Vector Equilibrium Matrix (VEM) is the archetypal seed of Being.

Absolute space structures matter through the geometry of space. Patterns in the vacuum substructure hold the form. In a vortex "outer" coexists with "inner" in a dimensional morphing contorsion-continuum. This vortex energy modality of the fractal universes, this fractal, repeats

in every manifestation, including the Earth (the Body), the Psyche, the Soul, the Spirit. Space looks like nothing but is infinitely dense.

The virtual lattice matrix can be visualized as the transmission medium of light. Light does not travel as waves or particles from an emitter; rather, the lattice is vibrated by information emitted from hyperspace. This in-formation generates and carries the local 'light' signal through the four dimensional medium of timespace just as waves are transmitted through water molecules (or any other compressible fluid). Within the 'zero point' virtual field all potential particles are packed solid and 'empty space' resonates with vibrations.

Timespace is filled with virtual vortices – nebulous 'vortices' of twisting timespace, not discrete particles – in a fluid crystal 'luminiferous aether'. This is the zero-point field. The underlying information field's transmission frequency within 4D realms (light speed) varies from location to location according to the energy density of the surrounding timespace lattice. The 'speed of light' is not a fixed value, but varies according to the density of 'matter' or energy field through which it propagates.

The local frequency of timespace – and the local propagation speed of light – is determined by the spin rate (and relative diameters) of the vortices themselves as they are compressed or expanded via the local field density, which is ultimately derived from hyperspatial fields. Light as we perceive it manifests only at the surface of material bodies, where standing waves interrupt and transduce a perpetual flow of multidimensional forms in formation.

Information is continually travelling throughout the cosmos at superluminal speeds but can only be physically viewed or measured using a yardstick made from local material. Light manifests to this yardstick at a specific frequency relative to its own density and that of the field which contains it, whether planetary, stellar or galactic. This yardstick will vary in length depending upon whether we are within the overarching fields of planet Earth, of another planet with differing field density, within the Sun's atmosphere (the solar bubble which extends far beyond the orbit of Neptune/Pluto) or in interstellar timespace. The relative speed of light varies constantly, as do rates of time in relation to each other across the length and breadth of the lattice fabric. (Hermetic)

A signal is basically some information somehow encoded as a wave. Everything travels as a wave. Amplitude represents its strength or energy as it traverses time or distance. Frequency is the period at which waves cycle. The wavelength is basically the distance occupied by the wave period. Interacting waves can be added together in either the time or frequency domain. Universe is a self-generating Superhologram of infinite potential. Holographic systems can generate three-dimensional virtual images. The mathematical formulations that describe the harmonic curve resulting from the interference pattern of waves are called Fourier transformations. Projecting from a frequency domain of interfering waves, the holographic canvas plays patterns of light and transformation.

Crisscrossing patterns occur when two or more waves ripple through each other. In the transactional interpretation of quantum physics, waves of probability originate in the past, present and future. Events manifest when waves from past and future interfere with each other in the present. That pattern creates matter and energy. Universe emerges from the rippling effects

of immense numbers of crisscrossing interference waves. The geometry of the fields is more fundamental than the fields or emergent particles themselves.

DNA functions in a way that correlates with holographic projection, translated from the electrodynamic to the molecular level. The virtual biohologram projected by the embryonic nervous system forms a three-dimensional pattern of resonant structures. These structures behave as acoustic waves, acting as field guides for flowing matter and energy. The holograms are “read” by an electromagnetic or acoustic field that carries the gene-wave information beyond the limits of the chromosome structure. The brain feeds on a field of cosmic noise.

The Philosopher’s Stone of infinite density condenses into visible space. All potential information about the Universe is holographically encoded in the spectrum of frequency patterns constantly bombarding us. There are no “things”, just energetic events – an electromagnetic universe, mind, and body, inseparable from wave upon waves in a veritable sea of panoramic noise. Noise correlates with movement and plays a cymatic role. Timelessness is the default mode of massively parallel noise. The sea of noise diffuses awareness across the entire vista.

Pribram’s neural wave equation, describing holographic neural network processing, is similar to the Schrödinger wave equation of quantum theory with the addition of the de Broglie-Bohm Quantum Potential. This is not coincidental and opens the possibility of holographic interaction between receptive fields in the cortex with the holographic quantum universe described by David Bohm. Thus, the brain is a “time machine”. Fluctuating states are a “sequence to noise ratio”.

While removed from empirical fact, a thought experiment is a means of employing useful imagination to uncover possible hidden mechanisms, to assemble a working model as a virtual reality visualization tool. In such an experiment with imagination instead of a test tube, we “downshift the quantum gear-box,” gathering intuitive possibilities, yielding insight into paradoxical timeless moments.

Carrier waves take shape inside and outside the brain, body and environment. Coherent signals are modulated from a sort of noisy electromagnetic fog. Feeding back such signals from the web of currents arising between the vacuum and our DNA produces serial sequence and standing waves, deepening continuous self-awareness. We are the source’s apprentice.

Vortices appear to spin. Mass is manifested when vortexial structures appear from the matrix, slowed by a factor of local light speed and rotated into being by the presence of a standing wave to ‘create’ matter (in-phase rotating fields). Stroboscopic oscillations between nodes of these interlaced fields make up our material substance – ‘protons’, ‘electrons’, ‘neutrons’ – which are all really interlacing wave patterns, creating vortices which oscillate in and out of phase with their surrounds.

In-phase fields produce apparent, regular 3D structures constructed of spinning vortices of zero point aether. All of these transient or persistent shapes which underlie the apparent patterns of atoms can be inscribed within a sphere; a sphere is the geometrical inverse of a vortex. Those formations of vortices which are internally symmetrical manifest as stable standing waves –

matter. Others flip back into the infinite sea of potential, rotating back through other realms and dimensions.

Oscillating 3D structures with insufficient internal symmetry (parity) appear charged. Those which are internally symmetrical appear neutral. There are only five internally symmetrical solids but other non-Pythagorean arrangements also come into play in the manifestation of matter. The only possible arrangement that a sufficiently complex cluster of spinning vortices or spheres can take without 'grinding gears' is located at the fourteen points of a virtual cube-octahedron – an arrangement that automatically arises from the underlying virtual tetrahedron field of timespace.

Rotations of potential (hyperspatial) fields through three dimensions at 45 degree angles stabilise 8-beat structures – cubes and octahedrons, which are the geometric inverse of each other. 36 degree rotations produce dodecahedrons and icosahedrons, another pair of geometrical complements.

All 14 vortices in a dodecahedron or cube-octahedron (Vector Equilibrium) are aligned around a common field center. The dodecahedron's 12 faces are centred on the 12 vertices of a truncated cube-octahedron. This perfect 'shot pattern' – the optimal arrangement for spherical storage – includes an inner 13th sphere, or vortice. A corresponding 13th vortice – an 'electron' – orbits the dodecahedral proton (basic hydrogen).

When stripped of their orbiting vortice, dodecahedra lose parity and cohesion, and within a packed vortice field they commonly form hydrogen plasma. Their 13th & 14th (inner & orbiting) vortices rotate perpendicularly to the polar field alignment facets (vectors derived from the primacy of spin) and manifest in situ as two of the fourteen vortices that turn together in a mutually reinforcing circuit to form a neutron.

The interlacing of parity (in the cube-octahedral formation) and charge (in the dodecahedral formation) manifest material structures as they oscillate around the 'ideal' 13-sphere shot pattern of the truncated cube-octahedron. The dodecahedral pole of this standing wave pattern is the 'proton' and the cube-octahedral pole is the 'neutron'.

The vortices are all aligned to the centre of their virtual dodecahedral and cube-octahedral structures by virtue of simple geometrical constraints. The vortices that comprise these shapes continuously flash from one arrangement to the other, forming interlaced protons and neutrons that are the nodes of a standing wave – matter. This affects the spins of all in-phase surrounding structures; thus matter is a self-referencing standing wave locked into the holographic medium of one local in-phase universe among infinitude parallel realms, all perpetually spinning into, through, and out of each other in a multiverse of probabilities. (Hermetic)

'Electron flow' – electricity – is another product of vortice resonance; the transmission of information through a multidimensional fractal fluid hologram interfacing with resonating 4D standing waves. Magnetism is an effect of vortice resonance on surrounding timespace flow – another artefact of symmetrical structures manifesting as alignments within an aether field.

These alignments also produce 'gravity' (See Magic Net). Virtual particles continually wink in

and out of local existence. Within material fields – matter – it's far easier for a virtual vorticle to manifest within a stable geometrical arrangement of other vortices and remain in the local timespace field. A vorticle is induced by simple geometrical constraints to move towards the greatest aggregation of other vortices and find a stable place to occupy within their structure. Each potential vorticle is drawn into being and pulled through field-lines of progressively increasing interlacing as the common strongest local field centre is approached.

Virtual particles are continually manifesting and disappearing in our reality as adjacent realities twist through each other. Progressively more dense elements manifest more 'matter' within themselves than lighter elements or surrounding 'space' does. Gravity is a simple consequence of geometrical interactions that make it easier for energy/matter to condense from the aether in places where interlaced arrangements of atoms already exist – where 'energy' or 'matter' exists.

This explains the observation that the planet Earth is expanding at a rate of about an inch a year, and alters all premillennial conceptions of stellar formation and evolution. The interwoven harmonies of vibrating spheres at microcosmic and macrocosmic levels are the matrix of 'reality. (Hermetic)



Metaphorms

Paradoxically when we look into the depths of matter, we look into the depths of ourselves and find the universe mirrored within. The world we live in lives in us. Scientists and mystics report similar phenomena in their models and phenomenology. Source feeds information into the brain's cortex through a variety of channels (genetic and memetic 'intraspecies' information transfers, then through interspecies' transfers under specified conditions (mirror neuron activation, intentional behavior, etc).

Religion and spirituality are largely about trying to understand the nature of consciousness in relation to the cosmos, so it is completely logical and natural to expect that we might actually come to understand the religious aspect of existence by following the conscious mind into its source nature.

Changes in brain dynamics are relevant to the discovery process. What appears to happen during an active quest in science or mysticism is that this filtering process is slightly loosened without seriously disrupting brain function, so that, in addition to witnessing the real world, we also have a degree of added perceptual information which is resonant to the brain state and probably consists of mild patterns of additional natural brain excitation traveling across the cortex. Arguably, such activity is patterned by archetypes.

This tends to be witnessed as a kaleidoscopic addition to everyday experience which one can look at and which is responsive to the person's state of focus so that they can selectively enter a kind of visionary state in which the brain is looking into its own processes to a greater degree than usual. Whether this reflects the divine is anyone's guess; it does reflect what has been attributed in the past to the "divine". But, those without a religious worldview also have experiences of similar nature to formative religious or spiritual dimensions – that is experience of the numinous element.

Spiritual technologies, the software of sacred penetration and amplification, virtually predicted the fine nature of matter as nothing but a complex illusion - what we have come to understand as a hologram. Though the map is not the territory, it is good for orientation purposes, and to compare amongst practitioners with different jargon. Mystics have also always emphasized the primal nature of Light, and claim that we are in fact made of light itself.

Science has confirmed this in numerous ways. Both science and mystics claim the primacy of Light. Nanoscale symmetry is reflected in both matter and the natural number sequence and is the tuning system of resonant nodes. The magnetic field tunes chains of spin. Tension comes from the interaction between spins causing them to magnetically resonate. Their frequencies are in Phi ratios.

In the quantum world, everything is in self-organizing flux, including the subquantal virtual photons popping in and out of existence. The foamy Zero Point fluctuation of subspace perturbs and determines the behavior of quantum systems theoretically through radiant EM fields. Radiation is absorbed from the zero-point background. The stability of matter itself is mediated by the zero point fluctuation phenomena.

Obviously, physical reality is not absolute. The gist of the holographic paradigm is that there is a fundamental reality that is an invisible flux not comprised of parts, but an inseparable interconnectedness. The holographic paradigm is one of reciprocal enfolding and unfolding of patterns of information. All potential information about the universe is holographically encoded in the spectrum of frequency patterns constantly bombarding us.

The esoteric glossary is being superseded by scientific fact. Buckminster Fuller correctly discerned that One is not a number. His notion of the primacy of the Vector Equilibrium Matrix of twelve-around-one closest packed spheres models a cosmic pulsation at the smallest scale,

revealing that unity or singularity is plural and at minimum sixfold. Such a notion is mirrored in sacred geometry and ancient systems of application such as the Merkabah, Diamond Body, and Golden Mean as engines of transformation. Those trapped in old superstitious emotional thinking (reality wormholes) exist trapped in an eddy in a stream, unable to imagine the flow of the current.

Zero-summed EM force vector systems stress the vacuum. A patterned system of opposite forces forms a stress in the vacuum medium. It is the alchemical "holding the tension of the opposites." This stress is oscillation. This oscillation which we call a scalar electromagnetic wave is a Gravitational Wave, since the local curvature of spacetime is being oscillated.

This internal stress in the medium has several characteristics which identify it as chaotic in essential nature.

- 1) it has a deterministic pattern or substructure;
- 2) it patterns or "polarizes" the vacuum;
- 3) it constitutes local curvature of spacetime
- 4) it deterministically engineers the virtual state and local spacetime;
- 5) it affects the Schroedinger wave and the probabilities of the states propagated forward, leading to the possibility of engineering the emergence of quantum change;
- 6) the scalar wave can accomplish direct and localized change of the rate of flow of time (even to its reversal) and variation of mass and inertia without translation of matter;
- 7) since excess negative time flow may be locally produced, negentropy may be locally produced. (Bearden)

When the vectorially zeroing components are dynamic, the scalar resultant is dynamic. The dynamic scalar term is the scalar EM wave. (Miller, "Anatomy of the Star Goddess", 1992). This is a revolution of resolution and resonance. Structure arises out of chaos in resonance with the existing environment. Each form eventually becomes morphogenetically dissonant as the dynamic environment surrounding it changes. The changed surroundings stress the form and begin a process of its dissolution back into chaos. Spacetime is a mirror of Spirit. Each self-aware image dissolves back into the primordial singularity, endlessly recycling its virtual energy in a kaleidoscope of holofractal forms. Degrees of resonance contextualize and memorialize experience at the informational level.

Holographic Archetypes

There is a pre-physical, unobservable domain of potentiality in quantum theory. It is the basis of fundamental interconnectedness and wholeness of Reality. The human body is not an object in

space, but seamlessly welded to spacetime. We are not merely a phenomenal body of flesh, but one of awareness, of consciousness, a living interface of inner and outer field phenomena. The brain is not confined to our skull, but permeates our whole being through the intracellular matrix and sensory system, as well as the strong toroidal EM fields generated by the beating heart.

Our molecular system extends beyond the nervous system and is the bedrock of felt-sense, intuitive, subconscious and unconscious processes. The body has a mind of its own and speaks that mind in gut reactions, body language, dreams, psychosomatics, and literal symptoms. Jung suggested the gods have become diseases. That is, in our unconsciousness of them they have resorted to subverting our bodies in order to be responded to and heard. For example, our collective environmental issues become cancers.

Like psychic DNA, the collective unconscious contains "inherited" psychic material that links us not only to other humans in the present but also to our ancestors from the past. According to Jung's theory, though each of us appears to function independently, in actuality we're all tapped into the same global mind. Symbols interact with and condition our biohologram. Holographic archetypes are embedded in the very fabric of our being and that of our environment.

Archetypes are rooted in or emerge from the holographic source field as attractors, chaotic systems having fractal or reiterative structures that repeat at all levels of observation. They never settle into equilibrium, periodicity, or resonance. Transpersonal experience creates a new interpretation, or perspective on reality. Systems arise from positive feedback and amplification. Thus, archetypes introduce erratic behavior that leads to the emergence of new situations, including creative insight.

All the objects of our world are three-dimensional images formed of standing and moving waves by electromagnetic and nuclear processes. This is the guiding matrix for self-assembly, and manipulating and organizing physical reality. It is how our DNA creates and projects our psychophysical structure. Holograms contain many dimensions of "compressed" information in a subtle network of interacting frequencies.

The gist of the holographic paradigm is that there is a more fundamental reality. There is an invisible flux not comprised of parts, but an inseparable interconnectedness. The holographic paradigm is one of reciprocal enfolding and unfolding of patterns of information. All potential information about the universe is holographically encoded in the spectrum of frequency patterns constantly bombarding us.

Thus, the brain is an embedded hologram, interpreting a holographic universe. (Miller, Webb, Dickson, 1973) All existence consists of embedded holograms within holograms and their interrelatedness somehow gives rise to our existence and sensory images. (Bohm, 1980) When we consciously embody this intimate wisdom our bodies become temples of the living spirit. We supercharge our potential.

DNA functions in a way that correlates with holographic projection. The code is transformed into physical matter guided by light and sound signals. DNA projects a blueprint for the organism that is translated from the electrodynamic to the molecular level. Further, research strongly suggests DNA functions as a biocomputer. Gariaev described how this DNA-wave

biocomputer reads and writes genetic code and forms holographic pre-images of biostructures. We are more fundamentally electromagnetic, rather than chemical beings. DNA is also influenced by the environment, so genetic plasticity is expressed in epigenetics and meta-genetics that turn certain gene sequences on and off.

The Collective Unconscious is essentially a hologram. Nonlocal consciousness is not confined to specific points in space, including brains or bodies, nor to the present moment. It is an ordering principle that can inject information into disorganized or random systems. It can operate beyond mere awareness, unconsciously, drawing on individual and collective consciousness, as well as the world or environment.

Symbols arise from and are embedded in the environment as holographic fields of energy. They are morphogenic veils of primal forces. If your brain acts like a self-contained hologram, it is possible your consciousness is actually a piece of a much larger hologram of overall human consciousness. Jung noticed that patterns spontaneously appear over and over around the world. They also appear as our Ancestral Memories or holographic wisdom field.

In the archetypal world, everyone is the same, all around the world... we are all Gods, and our emotional addictions to pain and suffering, contempt, insecurities, doubt, failure, is holographically-recorded and can be holographically healed. All archetypes are a form of human expression that is both holographic and physical. Physical formations of archetypal sequences cause humans to behave in parallel manners to each ancestor that is associated.

Integration is a function of intentionality -- conscious and unconsciously maintained, or incorporated. Integration occurs both without effort, as a redesign of the central processor of our minds, and voluntarily as a deliberate effort to understand, find meaning, and as rectification of our behavior towards others and towards ourselves.

Imagination is structured by the archetypal potentials of the unconscious. Archetypes structure the possibility to generate and entertain such ideas. The archetype itself cannot be known but structures everything we come to know. Their totality functions as a psychic organ. Universal themes appear in distinct cultural garb.

Over millennia, all the archetypes emerged and recycled in stories, deities and cultural forms. One of the striking points of religious faith is that they aren't true. In early history people didn't know the 'real' reasons things happened, so it's no surprise that their explanations were wrong. But then, why would we want to retrieve such superstitions?

Kuhn reminds us that even the most absurd or confused explanation of a phenomenon can find acceptance in the absence of a competing idea. Social networking feeds us stupefyingly moronic ideas. Once any explanation is offered for a phenomenon, many take that as an explanation from that time on. Succeeding speculations might be able to explain the relevant phenomena better than its predecessors. Deities, as archetypal role models, are the opening gambit in the drama of understanding human subjectivity. Folk tales and fads function the same way.

Deities or archetypes may have evolved to smooth interpersonal relations by including an understanding of human types, along with rules for helping the different types relate with one

another. They are reflections of ancient evolutionary pressures, with a dash of neuroanatomy. We still have the same pressures today so the ancient archetypes still "work", regardless of objective existence of gods and goddesses. (Miller, *Pantheon*)

Burke (2003) describes how the underlying pattern or strange attraction between transference and holography extends to other processes both within and outside the field of psychology. Such processes include projection, projective identification, splitting, memory, biology, creative discovery, theology, synchronicity, chaos, and nonlocality. Identifying the similar patterns of these processes demonstrates the existence of an underlying holographic archetype in which essential qualities of the whole are present in each of the parts of the whole. The autonomy of the overall human is present in each conscious and unconscious component part of the human psyche.

Synchronicity explores the borderland between meaning and spacetime, where chance meets necessity, when external and internal circumstances align in meaningful coincidence. It links the observable and unknowable, the effect of the particular and specific with the universal. In this nonlocal effect, certain qualities manifest relatively simultaneously in different or proximate places. It is a parallelism that cannot be explained causally. Is it an invisible field effect linking multidimensional spaces?

Cognition, itself is a holographic archetype. Many essential qualities of the whole are reflected or contained in each of the parts that make up that whole. It is a subtle net of metaphor, analogy and simile. Holographic archetypes effectively echo their resonant patterns through literal and symbolic reflectaphors. The passing forms of the holographic archetype include the hologram, psychic structure, synchronicity, wisdom traditions, memory, the process of scientific discovery, chaos in physics, nonlocality and virtuality in physics.

As unconscious structuring principle, the archetype lies beyond normal consciousness and emerges suddenly and dynamically from the (holographic) psychoid field, with a powerful emotional charge that invests it with significance. Everything that happens is conditioned by the moment in which it happens. The universal field imposes the conditions. Matter is not inert but receptive to holistic patterning. If the mythic world taught our ancestors how to manipulate the empirical world, it also taught them to manipulate that mythic narrative itself for control purposes. Socioeconomic power enforces its mythic narrative.

Psychoid Field

Consciousness rests upon and is organized by its archetypal forms and foundations. Dig far enough into an intense inner experience and you eventually come to the mythological, ageless themes that indicate an activated archetype. Just as an instinct is activated by a certain situation it bears an image of, so is an archetype. Also, its psychoid base puts it beyond both matter and psyche, though it has qualities of both. Although archetypes are energetic power sources, they need libido from the ego for their images to rise into consciousness.

The psychoid field imposes holistic function. Autonomous inner forces arouse compelling opportunities to enact archetypal behaviors. They guide our perceptions and behavior, usually

without our awareness. Limbic action of complexes is a big part of the holistic dynamics of the psyche. Dreams report what goes on beneath the veil of conscious awareness. To the consciousness of the 'thinker', knowledge is thought -- period. Without thought, the consciousness of the 'thinker' collapses into psychosis.

With archetypes come the potential for wisdom, relatedness, sociality, ambiguity, paranoia, projection, identification, denial, inflation, subpersonalities (fragmentation), defensiveness, obsession, hypnotic dissociation, the contagion of participation mystique, mythologizing, complexes, compensation, phobias, prejudices, complexes (interference by an archetype or group of archetypes with the conscious personality), our runaway ego-trips, and self-delusion. Compensation may calm or disturb consciousness.

There is no imperative for the ego to integrate these alternative perspectives, private and public myths. They continually play through us, stimulating beliefs, ideas, emotions and behavior. The unconscious can produce deep wisdom and utter nonsense. It is up to the ego to discriminate. The value of myths is purely heuristic, not pragmatic. Mythological consciousness has a persona, cultural and archetypal dimension that manifests in dreams, fantasies, delusion and visions.

Truth is a revelation of what we already know but haven't heard in words before. In truth we discover what we already know but haven't confronted. Truth as a judgment is the product of our experience. In our belief systems, truth is what we accept of our history, what we accept as truth. We choose truth, which is revealed in direct proportion to our ability to discard all we were previously told is true - presumptions, assumed truths, limited self image.

The Archetypal Field

The closer we come to the deep core of any archetypal experience the more the numinous effect increases, as a confrontation with a power not of this world. The fusional field is invisible to normal perception but contains a roiling unprocessed information. The fusional complex is an archetypal pattern that organizes life between the known and the unknown. We rarely attend to the deep experiential field we experience with another person in our bodies.

Often, we tend to avoid it as the dreaded traumatic state of fear of the void, a nothingness, a bottomless pit, or demonic force -- the instabilities in ourself or another or the boundless inchoate flux of impossible opposites. Cultures are also susceptible to it at the collective level. It is a constant companion in the creative as well as spiritual transformative life.

The embodiment of any new form of consciousness and its associated self image comes in this challenging manner. But such powerlessness and nothingness is the anxiety-provoking inexorable pull of the void, which leads to dissociation as a defense against letting go. Attempts to meet the chaos, rather than dissociate lead to change. Even when the numinous is negative it carries the sacredness of the archetype. We learn to lean into the field and feel its chaos without imposing premature order.

The field is a paradox of fusion and distance, an impossible simultaneity that brings anxiety. We need to practice seeing the field, as well as seeing into and through it. It is never conveyed by

interpretation, but only by experiential perception. Non-ordinary perception evolves through kinesthetic perception. It calms the chaos of the transition and allows the new self to emerge as a living reality. We have to maintain faith in the process. Movement from the timeless into temporal existence is a creative passage. With a sense of containment within a higher dimensional field, the opposites reconcile and new potential is created. The field becomes the focus.

Scientific Archetypes

Generic mathematical models, such as those of general systems, dissipative structures, bifurcation, fractals, chaos, and singularity can be applied in many contexts, and can be considered high level archetypes. This means that they have considerable abstraction. It spans a large rather than small portion of space-time, and that incorporates many rather than few dimensions of existence. It follows that a truly unified theory across all realms would incorporate high-level archetypes. This might occur within the realm of physics and then be generalized, or it could come from the search for unities across disciplines.

Mind, consciousness, and awareness are so central to the process of reality, perhaps they are the very reason for reality. Concepts of matter, life, and mind have undergone major changes. Consciousness is not a material system and neither is Quantum Mechanics (QM), which reduces all information and energy down to its fundamental holographic nature. As energy flows, information is coherently organized into animated forms of information. Though we have assumptions and beliefs, we remain unsure of the primordial nature of reality.

Simply stated, it is impossible to take the 'meta' out of physics since it is impossible to take the observer out of physics. It is impossible to take the knower out of knowledge. All metaphysical discussions are inherently about the nature of the observer and the knower. There is no physical theory of the observer because consciousness cannot be explained physically. Everything our physical theories of the observable world describe is some physical thing observed by an observer. (Kowall)

Kowall explains that the observer is inherent in our most basic scientific principles, like the principle of equivalence. All the scientific debate about the correct interpretation of quantum theory is about the nature of observation. Both physics and metaphysics place the observer at the center of this discussion. That hyper-physical world of images demands of us that we inquire into the nature of the consciousness of the observer present at that focal point of perception. The holographic nature of the world describes at the most fundamental level possible how all information and energy is encoded in the world. But what does that fundamental description of the world tell us about the fundamental nature of consciousness? The nature of the consciousness perceiving that holographic world remains a mystery.

The key insight of the holographic principle is that an accelerating frame of reference, with an observer present at the central point of view, can arise even within empty space. As the observer arises, an event horizon also arises, which is as far as the observer can see things in space due to the constancy of the speed of light (Penrose 2005). Where does the point of view of the observer

arise? Where does the two dimensional surface of the event horizon arise? They both arise in empty space. (Kowall)

Scientists have shown that the brain runs largely on autopilot; it acts first and asks questions later, often explaining behavior after the fact. If much of behavior is automatic, then how responsible are people for their actions? These are among the concerns of neuroscientist Dr. Michael S. Gazzaniga in his new book, *Who's in Charge? Free Will and the Science of the Brain*. The brain is a cacophony of competing voices. "The question, ultimately, was why?" Dr. Gazzaniga said. "Why, if we have these separate systems, is it that the brain has a sense of unity?"

Brain images are snapshots, for one thing; they capture a brain state at only one moment in time and say nothing about its function before or after. For another, the images vary widely among people with healthy brains -- that is, a "high" level of activity in one person may be normal in another. Can brain science tell exactly where automatic processes end and self-directed "responsible" ones end? Not now and not likely ever, Dr. Gazzaniga argues in his book. Social constructs like good judgment and free will are even further removed, and trying to define them in terms of biological processes is, in the end, a fool's game.

Science has its own archetypal fascinations, expressed in theories and models. There is no consensus in physics. The Copenhagen Interpretation of Quantum Mechanics (QM) competes with Quantum Electrodynamics (QED), Holographic, Monistic Idealism, Transactional, Post-Quantum, Scalar, Many Worlds (MWI), Topological Geometroynamics (TGD), String and M-Theory, among others. The secret of Reality may lie in the reconciliation of quantum cosmology, aligning micro-and macroverses. Quantum chaos plays a crucial role in cosmology as chaos theory and complexity do in biological systems.

The idea of many worlds, many realities, many dreams appears already in Chinese and Indian texts. Everett cites the well known "garden of forking path" from Borges. It is an ancestral theme of humanity, which comes easily to the mind when you remember your dreams. To really know how the brain works, neuroanatomy is the best guide. Psychological descriptions got us started, but a fundamental map and understanding require a deeper biological foundation and questioning our assumed truths.

We remain immersed within the interface of psyche and matter -- that point where psyche matters. As in chaos theory, all the creative action is at the boundary of any field, the creative threshold, the leading edge. All contemporary models [Transactional (quantum handshake), Many-Worlds (decoherence), M-Theory (strings), Copenhagen (wave-function collapse), Holographic (frequency domain; resolution), Implicate (hidden information), etc], E8, and Torsion Physics (Kozyrov) are essentially philosophical, or colored by the psyche and philosophy of their originators. Imagination has to cross the boundaries of disciplines to somehow find links between the observable and unknowable. With gravity, time and spin, matter and psyche are in a constant state of redefinition.

String theory is facing a high noon with the absence of evidence for supersymmetry in the LHC, where none of the expected evidence for it has been forthcoming to date. String theories began bosonic and then included fermions by citing supersymmetry. Thus all fermionic string theories

appear to be supersymmetric. Supersymmetry perfectly balances the energy infinity of the bosons against the negative energy infinity of the fermions by claiming a fermion partner for each boson, but the standard model doesn't look anything like supersymmetric. An alternative is that there are different numbers and arrangements of fermions that still balance the numbers and arrangements of the bosons, but this is right outside the string theory orbit at present. (King, 2011)

Physicist Brian Greene, in a PBS show "The Fabric of the Cosmos" on the nature of space, recently let us in on a secret: We've all been deceived. Our perceptions of time and space have led us astray. Much of what we thought we knew about our universe—that the past has already happened and the future is yet to be, that space is just an empty void, that our universe is the only universe that exists -- just might be wrong. Greene reveals space as a dynamic fabric that can stretch, twist, warp, and ripple under the influence of gravity. Space, far from being empty, is filled with some of the deepest mysteries of our time.

The unexplored microcosm of the Ground-state, the universe of the subquantal domain, may be the key to higher consciousness. The vacuum of Absolute Space is the central ingredient of 21st-century physics. It is the space between particles, inside and outside the atom. You breathe air that carries the vacuum between its molecules. It is technically metaphysical (nonobservable) -- beyond the realm of physics because it is virtual, rather than manifest. Paradoxically, the vacuum is both the absence of matter and the universal substance.

We still don't know where consciousness fits in the big picture. There is no consensus among theories of what constitutes FIGURE and what constitutes the most fundamental GROUND, and it seems they share the same essential nature. Our perceived 'content' is not distinct from the 'context' in which it arises. It is one whole cloth of bubbling space-time. Nothing more, nor less. We have looked into the Abyss of spacetime and found it laughing back. The core task is answering "What is consciousness?", and having that answer also fit with and support questions and developed answers (descriptions) on "What is matter?" and "What is energy?". Clearly, the task is to settle on a new common denominator that unites the other aspects and elements.

There is the subject that is conscious and then there is the object of consciousness. If there were no object of consciousness, would there be a consciousness? A consciousness of nothing? Arthur Kornberg discusses DNA in his book "DNA Replication" (pg.13).

"The most important feature of the duplex model for DNA structure is the introduction of the principle of complementarity. It provided the explanation for accurate replication of a very long chain. This inherent feature of DNA is the basis not only of its replication but also of its capacity to transmit information. Complementarity has come to explain transcription and translation and thus the entire sequence of events in the expression of genetic functions. It is also the basis for exchange of DNA segments between chromosomes in several forms of recombination." Does the rest of the body follow DNA? As a matter of fact is there anything which combines with anything without an entity bringing the pair together".

Archetypes are similar to the genetic code, in that they initially create a structural outline (as in morphogenetic fields and other attractors). The influences of environment and consciousness can then create considerable variation and coloring to the essential structure. Our desires become our

talents, our thoughts become our direction, and the power of our purposeful will become our destiny. The spiritual ideal is always there, becoming clearer to us in the later stages of development.

Pitkanin & Gariaev suggest, frequency coding would be natural for quantum antenna interactions between ordinary DNA and its dark variant and also between dark variants of DNA, RNA, tRNA, and amino-acids. The reason is that dark nucleons represent the genetic code by entanglement and it is not possible to reduce the codon to a sequence of letters.

Ervin Laszlo points out regarding the finest level of observation, that because of “the quantum vacuum, the energy sea that underlies all of spacetime, it is no longer warranted to view matter as primary and space as secondary. It is to space or rather, to the cosmically extended "Dirac-sea" of the vacuum that we should grant primary reality.” Virtual particles pop in and out of existence like quantum foam. Mass is the consequence of interactions in the depth of this universal field. There is only this absolute matter-generating subquantal field.

Physicist, David Bohm believed all matter is unfolded out of what he eventually described as a holomovement, which meant that matter could also enfold and so return into the holomovement. Bohm considered quantum mechanics to be a process of unfolding and enfolding. He imagined the universe as an infinite sea of space and energy out of which matter could be unfolded, which he called explicating, and enfolded which he called implicating, which, in Bohm’s words, “together are a flowing, undivided wholeness”.

The whole universe of space and time is enfolded into each part. A fundamental order of potential energy enfolds space and time. There is hidden energy in these enfolded dimensions -- a unity of space, time and meaning potential. Scalars are time-reversed waves. The infolded (negative) time dimension of virtual photon flux (hyperspace) is zero-point. Time in physics can be interpreted as an archetype for all material objects. You can not grab a piece of time and hold it; it is everywhere but nowhere. Materiality in the physical world eventually unfolds and enfolds at all scales. Archetypes share this holographic enfolding and unfolding nature. At least, they can be modelled as such.

Psychological Archetypes

Jung's collective unconscious consists of archetypal infolded EM structures acting in common in an overall bio-quantum-potential for the entire species. The bio-potential in a single body is an overall quantum potential that links and joins all the atoms and cells of the body. The "spirit" of the biosystem, if you will, is its "living biopotential" - its living quantum potential. We already know that a potential is everywhere nonzero all the way out to infinity. So the spirit of the living system is - in the virtual state - everywhere and everywhen in the universe. The superhologram of spacetime means the entire universe is everywhere alive, with everything.

Archetypal forces operate under their own laws in various phases of human life and endeavors. The archetypes provide the potential form for experiences that are given individual content by the person’s actual experiences. They influence us on biochemical, personal, social, national and

universal levels. They come in the ever-changing guises of phobias and Irrational fears, prejudices, complexes (interference by an archetype or group of archetypes with the conscious personality), and our runaway ego-trips. Complexes can be pathological, archetypes cannot, as entirely healthy expressions of nature. The complex may form around any archetypal, that is, structurally important, component of the psyche.

Archetypes play through our self-narratives, culture in art, literature, and the movies we so frequently view and in the stories we love. Our souls are attuned to listening for the multiplicity of viewpoints that comprise situations and events, bridging unconscious and consciousness. Complexes need not be pathological. They are merely collections of psychological material that function most efficiently when they are together. They usually group together because they all relate to a single archetype.

When seen objectively in stories, we can identify with or despise them, but when their effects are subjective, we are entirely "carried away," "beside ourselves". Sometimes, we choose them to feel special and create drama or novelty in our otherwise listless lives - we mistake them for love, for destiny, for the voice of God, for supernatural "signs" in an unenlightened, even superstitious manner. They lie behind religiosity, pathology, and romantic vs. mature love.

Archetypes also lie behind fascinations, crusades, and enchantments of individuals and nations. They produce the phenomena of "love at first sight" and create fads and set trends or styles in the recreation and fashion worlds. They can be contagious as in the case of cults, or political and religious movements. The great attraction of sports is also archetypal in nature.

People will go to war and fight to the death as fanatical "true believers" to defend some political or religious principle. The belief system is influenced by the myth behind it. Charismatic leaders capture the projections of leadership through expressing the subconscious desires of the crown, or herd consciousness (like Adolph Hitler or Jim Jones). Activation of these archetypal powers opens the door for both good and evil, and creates an arena for the emergence of ethics and morals.

Irrational superstitious behavior goes hand in glove with errors of judgment and in some cases involves dissociation or personality disorders, including schizotypal, toxic narcissistic, and borderline personalities. Dissociation can be desirable, as in the case of flow, or pathological, as in dissociative identity disorder. Deeper reality is not remote in the physical sense but in a psychological sense. It is concealed by the very trance states and memes that compose it.

Often, we only recognize the trance state when it breaks, when the projection ends and we re-assimilate that energy. The archetypal content should be respected and perhaps seen through various lenses, but it should never be dismissed as delusion or mere projection. If this happens then the whole cascade of chemistry that packs enormous energies and psychic forces can be prematurely deflated and turn into a self-destructive bomb in the bodymind of the awakener.

Psychic life depends on an unconscious infrastructure. Jung helped differentiate the inscape with his concept of archetypes which express the innate potentials of all dynamics beyond specific forms. Many of his ideas are central to understanding the human psyche or soul, and apply

universally to all of mankind. What is of archetypal—that is, organizational and structural—importance to the personality will emerge.

Jung suggests the existence of a 3-layered psyche consisting of 1) the conscious (active part of the mind), 2) the personal unconscious (thinking over which we have little or no control), and 3) the collective unconscious (unevolved, animal-instinctive mental activity). Jung sees archetypes as unconscious regulators of psychic life that attempt to redress psychic imbalances. The unconscious interacts with consciousness in a compensatory way, which leads to intrapsychic self-regulation (Jung, 1966).

In *Myth and the Body*, Keleman states:

"Our creation myth is also the myth of our biological evolution...there is another aspect to the creation and evolution myth..myth is about the birth and evolution of the body's inner subjectivity... embryogenesis is cosmogenesis; the birth of the body is the birth of the inner emotional cosmos...from the moment of our conception, the organizing of past somatic images is available to us as a guide for being in the world of the present....The different bodies of our history-personal and impersonal-are in our dreams. Myth presents us ...with the body images of various ages and eons. The complex of somatic images gives our present somatic image an organization and dimension, a structure that has duration...Mostly we are in touch with the surface body, because perception is mostly a surface phenomenon. That doesn't mean that the other bodies aren't there."

Resonant Filters

Psyche is the unified field of material and immaterial dynamics, the physical and metaphysical. There are as many archetypes as there are situations in life and nature. A constant non-perceptual pattern remains concealed behind archetypal variants. Originating in the collective unconscious, archetypes are experiential catalysts, often likened to psychodynamic Platonic Forms or "spiritual" DNA. They are constraint-based domains. They are the forces of history. They are life's filters.

Archetypes, according to Jung, are "active living dispositions, ideas in the Platonic sense that preform and continually influence our thoughts and feelings and actions." They are not inherited ideas, but rather, as Jung says elsewhere, "inherited possibilities of ideas." The exact nature of these archetypes has been much discussed both within and outside of Jungian circles. What matters for our present purposes is just that the underlying archetypes (which by definition are beyond or beneath consciousness) are expressed in powerful, fascinating and numinous conscious images called "archetypal images". What needs to be insisted on, however, is that there is something still deeper behind archetypal images, something itself unknown, which expresses itself in the psyche. (Granrose)

Archetype-figures also appear in the personal unconscious as "complexes". Archetypes tend to personify themselves, through the cooperation of the active imagination, in order to penetrate personal consciousness. The unconscious, form-determining (archetypal) components of the personality, and the complexes of ideation and affect that form around them seem to act like

inductive magnets for certain events and affects to which they correspond, according to Jung. Like strange attractors in chaos theory, they are self-organizing intrapsychic principles.

Archetypes express innate psychological dispositions, fundamental morphogenetic laws, which govern perception, and affective experience. They influence the formation of complexes, which develop around a particular archetypal (core) issue. The archetypes are the individual components or manifestations of the self; they determine particular intrapsychic structures. They manifest in the instinctual life of the body, its attractions, repulsions, fragmentations, and impasses, as well as ideas, "head trips," and spiritual urges. Archetypes give form to fertile chaos which functions as a multi-reined holographic control system. All of our experience is filtered through these conditioning "lenses." Nevertheless we aren't reducible to simple determinants.

We are embedded in a hologram of psychic dimensions. Interactive archetypal energies are embedded in and live through us, as biopsychosocial events. They represent our potentialities beyond time. But we think we are autonomous. In these state-specific altered realities we experience a qualitative range and subtlety of interconnectedness that would be frightening and crazy-making to our normal socio-conditioned repressed mode of being. We find the ground of being and interrelationship with mystery through mythic engagement.

Normally, we project our inner states out into the world. The mystic becomes emancipated from the persuasions of psychic content, while the schizophrenic becomes lost in them. Images arise from energy flux like biochemical resonant filters and harmonic levels of arousal, elevated energetic activation. Then we find synchronous information and events in the outer world to reinforce the energetic power of the archetypes we are preoccupied with. The shamanic journey consists of acute neurological events that evoke heavens and hells that lead to emergent self-organization.

To avoid spiraling into prolonged metabolic and cognitive chaos we must accept these new levels of awareness and physiological condition as coming from "us" and not from an alien entity or God. We must claim responsibility for our Self as it incarnates at an accelerated pace and not project the cause of our condition onto external people, entities or events. As an integrated human we can still "have" our story, but we must keep it in its place by running it through a progressively rational interpretation. This rationalizing process integrates the archetypal imaginal world (reptilian/old mammalian brain) into the 21st Century prefrontal lobes.

Consensus reality is a conditioned trance state. To be "normal", when this violates our inner nature, is itself a form of pathology. Disruption of ego's metaprogramming (habituated dissociation) is not regression, but merely the removal of adaptive/repressive functioning in the present. This creates an entirely new consciousness that does share features with primordial states. This loss of the sense of the known self (ego) is a desirable effect of transformation processes.

By differentiating from the images, symbols, myths, stories and personal identity that we were so involved in before, consciousness becomes separated from its contents. We deepen our own healing by remembering our own experience of trauma is simultaneously a microcosmic, personalized fractal reflecting the greater trauma resonating throughout the collective field. This

realization allows us to not personalize the moment of feeling the trauma, or concretize ourselves as being traumatized, but allows us to give over to and embrace particularized experience.

Unless we are “affected” by the symbols, myths and archetypes that we use to give “story” to our lives, no psychic tension would arise to propel us out of “normal” consciousness. The foundations of myth arose in the trance states of early shamans and yogis, exploring the self-arising activity of the Central Nervous System. Intense concentration on the resting voltage of the CNS can lead to spontaneous realization of the meaning that pervades one's own biology. (Sansonese, *The Body of Myth*, p. 34-35).

Since these ZPE-originated fields are located everywhere (in the Planck false vacuum) and their ultimate radial extension is infinite — they interpenetrate each other in the vast sea of pulsating cosmic spacetime... And, together, constitute the basis of our holographic universe...

Note that all radiant electrodynamic fields, within any frequency spectrum phase order, must have a series of fractal harmonics extending throughout its entire spectral range, which also resonates with all other (higher and lower) phase order fields — and that all information is carried on such fields as modulated wave interference patterns — so that, once recorded, no information is ever lost.

Since all structural information is contained in the infinite spin-momentum (singularity) source of all (harmonic) fractal involved cosmic fields, along with all particle standing waves (as well as all their formative combination's and permutations) at different frequency phase orders... And since all information is transformed from field to field by phase conjugate adaptive resonance... The entire physical universe we experience (at the fourth lowest phase order of the third fractal involution of the cosmos) — is a hologram.

On our physical/material level or plane — this fundamental octave enfolded hyperspherical (toroidal) harmonic structure of all hyperspace and metric space/energy field/forms in total physical/material spacetime (originating from its own “singularity”--ref: General Relativity) — is the basis of all generation of ZPE fields radiating from the center of origin of all physical forms — beginning with the smallest sub-quantum particle and extending to the largest galaxy, as well as each human being.

All such fields are also electrodynamic in nature (Ref: Maxwell, Coulomb, Faraday, Ampere equations), Consequently all structural, memory and mental information is carried as holographically encoded wave interference patterns on the surface of such fields. And are transmitted, through descending hyperspace field phase orders to their common zero-point center of consciousness, by phase conjugate adaptive resonance processes.

Thus, Mind itself (in the case of human thought) is one of those hyperspace fields linked coenergetically (resonantly) with the brain's radiant EM fields... With long term, archetypal, and species memory stored in adjacent higher order coenergetic hyperspace fields (ref: string theory).

At the first moment of cosmogenesis (“big bang” as science sees it) — the initial highest frequency/energy phase order (spiritual) triune fields of spacetime, fractally involve, and descend in orderly frequency-energy phase orders, stepping down from near infinite frequency spectrum’s to near zero — after emanating from the *singularity* of general relativity... Whose dual inherent qualities, at its zero-point center of origin (absolute space) — are both, *potential* subjective consciousness and *potential* objective *matter*. (Maurer)

This source of everything in our physical-phenomenal hyperspace and metric space-time is the timeless and dimensionless zero-point center and surrounding infinite spin momentum, (G-force or “spinergy”) of unconditioned and eternal Absolute SPACE. This primal space remains, ubiquitously, in our lower order physical/material spacetime, as the zero-point center of “spinergy” at the origin (singularity) of every radiant field, fundamental particle and physical form — up to the largest galaxy, quasar, black hole, etc. Einstein labeled this ubiquitous source of ZPE, “Aether” or ” total space.”

Maurer describes this Absolute SPACE as both the creative force (conscious will) and the receptive womb (infinite spin momentum on triple perpendicular sets of infinite spherical axes) that constitutes the “cosmic eggs” out of which all subsequent universes, with their metaphysical hyperspace and physical metric space fields, fractal involve... And, after descending to the lowest order physical space (at the third fractal iteration) — subsequently evolve, simply and directly (by natural selection, possibly guided by morphogenetic fields (ref: Sheldrake) linked to fundamental consciousness along with stored memory of previous life forms)... With our cosmos being only one of those infinite “parallel” universes... With the same fundamental cyclic and electrodynamic laws, rooted in primal spin momentum, governing each of them.

Thus, everything (including all multidimensional space-time fields and all matter-energy forms) throughout all spherically manifest SPACE-TIME universes, are cyclic in nature, appear and disappear periodically, and their harmonic field involutions are essentially analogous and corresponding — in accord with holographic principles and the universal laws of electrodynamics... All, based on the ubiquitous fractal topological geometry and the fundamental spin momentum of every-zero-point “singularity” throughout “total space” (including “hyperspace” of string theory and metric spacetime of general relativity [GRT])...

Therefore, since consciousness is the fundamental quality of the zero-point center of spin momentum in absolute space — each such “singularity” is potentially conscious as is every zero-point center of all fractal involved information/energy fields radiating from it, ad infinitum.

Metamorphosis

Chaos theory demonstrates the unfolding of creative process itself, the emergence of form or structure from formlessness and chaos. A fractal (chaos) reveals in its depths, hidden degrees of order and structure that resonates with the soul and reveals the familiar forms of nature.

The entire Universe is a web of intercommunication in which all particles and fields constantly exchange information with all others across the universe. They are influenced by and influence

each other no matter how far apart they are and join in a dance of infinite creation to produce the moment we call reality, and the structure we call the universe. Vision lives in our hearts, dreams and imagination. Dreams, too are fractals, so we can enter any part of their essential nature, because the part contains the whole.

Nature itself is our greatest teacher. In this dynamic model there are no “things”, just energetic events. Light and sound (acoustic cymatics) modulate all matter. This “holoflux” includes the ultimately flowing nature of what is, and all possible forms. All the objects of our world are three-dimensional images formed of standing and moving waves by electromagnetic and nuclear processes. This is the guiding matrix for self-assembly, and manipulating and organizing physical reality. It is how our DNA creates and projects our psychophysical structure.

Our brains mathematically construct ‘concrete’ reality by interpreting frequencies from another dimension. This information realm of meaningful, patterned primary reality transcends time and space. Thus, the brain is an embedded hologram, interpreting a holographic universe. All existence consists of embedded holograms within holograms and their interrelatedness somehow gives rise to our existence and sensory images, as it does the Cosmos. What happens in the Aether has a deterministic effect on us. This is the Mystery of Nothing becoming Something, a continuous Creation.

Holographic Spiral Vortex

The singularity archetype (a chaotic attractor of toroidal topology) is a ubiquitous hologram, and the cosmic hologram is likewise a singularity. Spin is a quality explaining space-time geometry as well as the genesis of energetic and sub-energetic phenomena. Energy includes both its vectorial and scalar components.

Quasi-virtual objects may function as holographic strange attractors that may likewise fuel archetypal emergence. In the time horizon, the ability to generate interference (phase coupling) belonging to chaotic attractor of toroidal topology. Coherence vortices are the phase singularities of a complex. Such complex dynamics may very well be correlated someday with both the formation of matter and consciousness states. Can we dig below the quantum noise floor? If so, what will we find?

The interaction between spatial and temporal horizon contextualizes in the form of indeterministic, differentiated, temporal flows of images. This is the psycho-perceptual matrix which continues and will continue to nourish the psychic life of humanity, with a surplus of meaning. At all levels, the chaotic part (immeasurable and unpredictable) of the reality we are part of, is always found in inter-time and in inter-space, sub-quantal and subconscious, in the gaps.

A Strange Attractor is a deterministic representation of chaos to the internal order (deterministic chaos), and as such is the most suitable object to represent the ambivalence of the reality we are part of. The strange attractor is an indivisible whole which reflects itself in the strange attractor, where, as in a game of mirrors, the part projects itself by its self-similarity in the whole and the

whole in the part, with different degrees of resolution and angles of perspective. (Messori). Archetypal motifs cycle and recycle in self-reiterating fractal-like patterns.

We now presume the fundamental unity of all things, but still struggle to make it more than a concept in our lives. This paradigm takes a transdisciplinary approach. Integrating scientific, social, cultural, psychological and spiritual concepts and ideas helps us wrap our minds around such ultraholism.

Artist Roy Ascott distinguishes the syncretic process from synthesis, in which disparate things meld into a homogenous whole, thereby loosing their individual distinction. Nor is it mere eclecticism, which usually signals a wavering course of thought of only probable worth. In the syncretic context, extreme differences are upheld but aligned so likeness is found among unlike things. The power of each element enriches the power of all others within the array of their differences. This is a viable approach to archetypes.

More than binary opposition, syncretism is a process between different elements, the in-between condition of 'being both'. In describing syncretism, it is useful to bring into play the "both both/and, nor/nand, and either/or" formulation, meaning "mixing together". In present day cultural terms the enemy is habit – the passive, uncritical repetition or acceptance of behaviors, opinions, perceptions and values, and the enshrining as verities, metaphors that have passed their sell-by date. Habit is the enemy of art and science, impeding the search for new ways of being.

The intangible ground of Being is primarily active. Each and every wave has zero point energy of virtually infinite potential, due to infinite interpenetrating waves. Only recently have we begun seriously entertaining this vast ocean of dark light -- the energy of empty space -- as a primordial reality.

An archetype is a primordial vortex, node, nexus, value, or strange attractor. Value is defined as any flow within a given flow. The attractor is the explicate order, a complex manifold of vortices of nonlinear information explication that modulates the vitality of archetypal dimensions. Archetypes are the source of cognition, concepts and misconceptions, theories and meta-theories, emotional stability and instability, wisdom and folly. When we "connect the dots" it is often between archetypal elements and motifs as much as among facts or actual events. Our interpretations, right or wrong, are archetypally colored by these distorting or clarifying lenses, indexing patterns or phase information.

Templates of being, archetypes are there, operating just beyond consciousness structuring the formation of our view of reality. Fractal holographic principle, archetype spiral vortex, and archetype branching networks emerge or emanate from toroidal structures. They are the hidden (occult, "divine") variables that control seemingly random quantum events. Certain combinations of qualities inherently possess greater importance/ significance/ reality/ stability/ commonality than other combinations. These archetypes are usually given names that amplify the tendency to consider them real/ normal/ unchangeable/ fixed/ defined and as a norm that carries its own/ independent driving force and intelligence.

Simultaneous reverberations interpenetrate consciousness and we perceive it directly. The whole meaning of particular enfolded resonant structures may be activated. Meaning is derived from its

relationship to the context -- the ground. The cosmic dimension of some archetypal symbols is the sure guarantee of their universality. This storehouse of knowledge is both an asset and hindrance, but more importantly it points to a deeper, implied domain. The image stream or imaginal process is our primary experience and permeates and conditions all facets of human life.

We tend to take the background noise of the constant imaginal flux of the stream of consciousness for granted. We rarely focus our conscious awareness on this imaginal wellspring, but sometimes it intrudes on consciousness during our gaps in normal awareness – day dreaming, fantasies, reverie, lacunae, meditation, inspiration, discovery. Psycho-perceptual imagery emerges from a capacity for internal representation of external reality and reproject it in modified forms.

Consciousness, like creativity, is an emergent phenomenon patterned by strange attractors which govern the complexity of information in dynamic flow. Our consciousness appears co-temporaneously with our embodiment, creating the imaginal flux of representational and nonrepresentational perception - the stream of consciousness. Does magic reprogram the hologram?

[References at end of Part II]