

(Later we will add phase “angle” as a quality of wavelength.) This is very conventional physics: it is called the “Fourier” principle. This law states that every shape no matter how complex can be assembled or woven from a simple sum of pure sine waves.

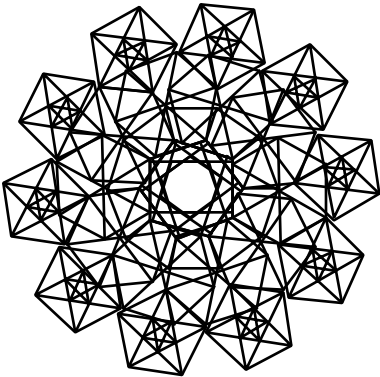
Another example is the complex sound of a violin string. It is an additive mixture of numerous harmonic pure tones.

Now visualize these sine waves again rotating around to 3D. While a sphere or donut is a relative pure tone (as a kind of vibrating bubble), you could still produce the very folded surface of a living cell membrane — if you wove together enough pure tones. This idea is used extensively in mathematical biology, which describes why biology’s shapes are so elegant and wave-like. It is as if pure math had concluded that biology is nested and orderly in the way that a sounds good because it has learned how to sing well together. Clearly however, electrophysiology would on the surface suggest that the singers choreographing biology in the body are dozens of octaves above our best soprano, or above the sounds of the heart for that matter.

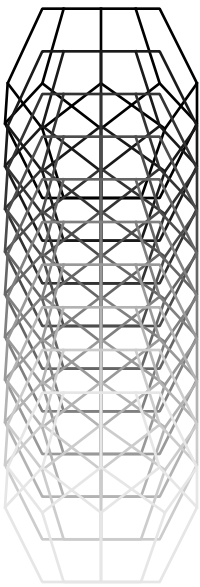
We will develop more on the notion of how geometry in biology builds bridges between frequencies, (like choirs of angels, if you will) but first let us see if we have sufficiently simplified, hopefully unto elegance, our physics. We have said that since the universe is possessed of only one substance, the only thing which the naming of things differentiates is shape. Now we have said that the only thing which differentiates shape is frequency as signature. And the Fourier idea tells us that there is really only one shape: the sine wave.

Now this “8”-like shape in 2D, depending on which way you spin it about its center, makes a donut (torus) in 3D. This donut-like shape with a significantly small center is comprised of a pair of vortex or tornado like shapes. Interestingly the donut or smoke-ring-like shape turns out to be the only shape which hydrodynamic physics says can stand or exist in a universe made of only one substance. An easy way to understand this issue is to ask yourself: “is there anything smoke can make which will last, besides smoke rings?” Or ask yourself how to make something if all you have to work with is One substance everywhere, a kind of universal cosmic Jello, fluid and compressible quantum foam? You need a flow form that will “hang” together.

The pair of vortex-like motions which make these toroids are stable because, you could cut the flow form on the x, y, or z axis, and find rotation around all of them. (Cut your donut 3 ways, making 2 figure eights at right angles, and one big outer circle with a center hole). This is essentially a way for three gyroscopes to spin on one center. Since our compressible substance has momentum, when it spins, it stores inertia.



Relationship of dodecahedron to DNA.

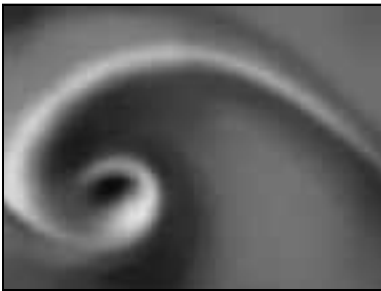


Ten interpenetrating dodecahedra

Rotation stored inertia is our only definition and measure of mass. This is why matter can be viewed as light going in circles. Next time you have a gyroscope in your hand, note how it resists change of position, on the one axis it spins on. If you nested three gyroscopes, your flow form is imperturbable on all three axes. And therefore is the primal stable standing wave, a "multiply connected topology. Thus "centering" creates gravity, a well-known principle in Tai Chi.

Rotation is the only way to store inertia, and therefore create mass. Further, rotation is also the only way to create periodicity, and thus our only definition and measure of time.

Further since focus is the way the flow is made to converge and spin, it is the only way to create in this "universal cosmic Jello." This is the mechanism by which the prism creates the orderly sequencing of harmonics called a rainbow. The universal One wave image of the interference beat nodes origin of the atomic table, also could well image the way converging a wave to a point of focus segregates the harmonics, thus creating "rainbows". Focus is a principle we will also come to understand as powerful in the realm of the geometry of pressure of human emotion, as emotion also creates orderly harmonics. The relation of emotion to gravity needs plumbing.

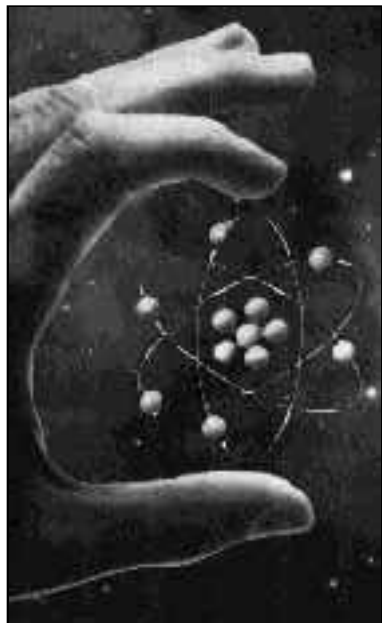


When you pull the plug in a round sink, a round drain hole creates a point of focus for a flow form, and there is much to be learned about gravity. The water forms a vortex. The direction the vortex flows will probably tell you what hemisphere you're in (Coriolis forces). In many sinks, if you stir the water for a minute in a circular vortex before you pull the plug, the vortex will form in the direction you stirred even if you wait a year before pulling the plug. Alternating counter-rotating stirring, is a method used powerfully to charge agricultural liquids, in the Anthroposophic tradition. The vortex is a flow form that remembers; it may be the only memory the universe needs. Notice in the sink that on the periphery the wave shape is a long wave. And see the wave shape or length nearer the drain hole is much shorter.

This way of connecting short waves to long waves in one watery vortex, was used by Victor Schaubergger to generate electricity in an egg shaped vortex of water. Flow-form technology uses the braiding technique in water. It is described extensively in Schaubergger's book Living Water. By using deflectors to create a braid in rivers and streams he increased their ability to float logs, nourish plants, and resist flooding. Also pictured is the information regarding the egg shaped water flow form for electricity generation. The caduceus like braid in water is being developed for agriculture and sewage treatment commercially by Waterform Inc.

Think of little slip knot bubbles in the quantum foam or zero point background universal flux. When they move in a line we call them ener-

gy. When they converge to a circle we call them mass. The difference is the inertia stored by rotation. As they converge from a line, to a circle, notice the changing shape of the wave path. The arc, or sharpness of the bend, is gradually transformed from the trace of a long wave, to that of a short one. In hydrodynamic terms this is called "translation of vorticity." So in direct terms, energy is momentum in a line; mass is momentum in a circle.



Think of what happens in any atom of mass. The momentum is first guided centripetally to the larger wave envelope of electron shell, then converged down into the shorter wave called nucleus. Geometry, or symmetry, has created a vortex, whose stability is the net wave guide motion toward center. Momentum leaves through the center in shorter wave lengths than it arrived in, creating gravity. Gravity is the net momentum moving between long waves to short ones. It is geometry tempting the inertia stored in longer waves to collapse into shorter ones. Shorter waves, have smaller envelopes, and thus gravity moves toward further segregation of momentum: separateness.

Gravity is a universal bloodstream whose equilibrium requires something to translate the vorticity back up the ladder of wave lengths, toward oneness. Here we have a context for developing an understanding of how conscious emotion, using recursiveness, self-awareness, or feedback, (focus) creates coherence, and unfolds the horizon of identity or mindfulness. In Gurdjieff's terms, coherent emotion pays the debt of gravity. Levity in emotion, is levitation in the yoga siddhi. Jose Arguelles advises us to "ride the long wave" of emotion by learning a specific alpha-beta woven sequence of phase shifts, or turns of mind, braids the serpentine focus of feedback, like a charmed snake, back up the ladder of wave lengths.

We shall consider below what this coherence generating activity does for the membranous self/not-self envelope of immune identity. We should also study the evolution of the gravity coherence body of the planet, whose biomass membrane is woven by conscious emotion. As Gurdjieff said, conscious emotion is food for the body of the planet.

The disorder in a cryogenic metallic "liquid" is massaged to order by coherent sound. Thus phonon (or sonic) long wave coherence orchestrates superconductivity. This sonic ordering chides the childish water molecules from liquid, toward (super ordered) crystal, permitting cell metabolism to take place. (Specifically, Albert Szent-Gyorgyi, in *Electronic Biology and Cancer* describes the mechanism of the highly distributed — long wave — electron triplet state, as carried on the highly woven backs of the highly ordered cellular waters.)

At the planetary level, the watery thin film surface is sonically choreographed to crystalline membrane/mind, by the long waves of Joy, such as whale songs.

We can look closer at the relation of coherent emotion, to the unfolding of cellular and planetary identity, once we have articulated a few more details about an archetype of how all wave ratio or phase alphabets are generated: atomic, cellular, or planetary.

What makes sine waves nestable into the bubbles we call cells is not only frequency, but also something called phase. The easiest way to see this is to visualize the way the peaks and troughs of light waves must all line up in columns to make laser light. Izack Bentov discovered the brain sonics become in phase with the heart, during intentional relaxation. Meditation literature documents that the two halves of the brain become in phase, as the health benefits of meditation unfold. Phase-locking is also what happens when two computers use a common crystal beat, to talk very fast to each other. Visually, if you play two sine waves, one on each axis of an oscilloscope, their phase angle is the tilting of the pattern they make. If you display an octave (the signals are at the ratio 2 to 1), and it is phase-locked, the picture will be a figure eight which stands still. By phase-locking, we refer to the accuracy and stability of how the frequency ratios stand with respect to each other. Thus in a very specific sense, the tilt angle of the donut is the phase angle, a refinement of ratio. So to store and reproduce slip knots of light into matter, you must have an elegant system for storing tilt or phase angle.

Interestingly there is a simple way to do this using the torus/donut. On a plane, only six regions (or colors) can all touch one another; but in 3D the surface of a torus is defined by a strip where seven colored regions can all touch each other. We have related this to the geometric origins of color, and the seven layers of the toroidal heart muscle. By taking only one strip of this spiral sampled off the surface of the torus, containing all seven colors, we really have the information of the whole thing. (We could spin this around itself recreating the entire surface.) Interestingly, the little spiral strip off the torus donut, the universe's only possible shape, looks different from every angle. So by tilting it, you create shadows which accurately record phase angle. And if you tilt it at the angles required to put the faces of the platonic solids together (out of toroids) the shadows turn out to be the Hebrew alphabet.

The atomic table, according to Crooks, records electron shell geometry (valence as symmetry) as platonic nests of toroids (or vortex pairs). Storing information, on the angle to tie the donut knots. Pure platonic symmetry, quantified as the tilt or phase angle of the donut, the atomic table.

Thus a word in a sacred (or timeless) alphabet like Hebrew, can be a phase, or ratio sequence, virtually a cookbook for weaving matter out of light. A ritual for turning and turning till we come round right (a Sufi dance).

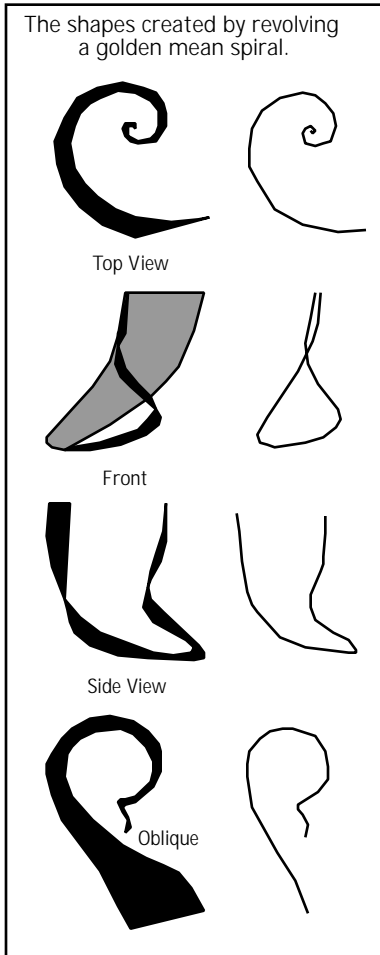
Clearly, when the body carefully creates coherent sonic phase relationships to “emote”, it reflects the weaving of a creative alphabet. The bond of any marriage depends on how you tie the knot. The archetype of the maze is also a memory of turns, or phase angles: visibly light’s way in and out of matter.

All this is context from which to view emotional systems, as a very simple set of ratios, whose alphabet can articulate biological shapes. Consider that ratio is the only carrier of identity for a vowel sound, a word, or the name of a musical chord (A major seventh chord for example is the name of a simple set of ratios of “pure” tones.) Appropriately, we should ask ourselves, if the ear can recognize an envelope of ratio anywhere in the spectrum, why should not the cell do likewise. We identify the “aaah” tone whether it is sung soprano or bass. We know the word “mother” whether chirped by an infant, or spoken deeply by a grandfather. What carries the in-form-ation of meaning, is the “envelope” of ratio. (Envelope, in the sense of a packet of waves, describes the curve of a long wave which fits over, or touches the tips of a bunch of shorter ones. Vocal chords are the carrier wave, the tongue massages the envelope.)

Questions we need yet consider include: What are some other examples of coherent sonic ratios related to emotion in the body? And what specific geometry best allows ratio to travel as an envelope or bubble between frequencies?

Let’s focus on the sonic frequency events in the brain, as an “alpha-beta” of ratios. The literature on cross hemispheric coherence correlated with relaxation and meditation is very extensive. Clearly, the two hemispheres of the brain develop low frequency sonic ordering for significant biological reasons. In *The Awakened Brain* by Cade, the pattern or ratio, as envelope, of these frequency peaks of EEG resonance coherence, is related to a specific morphic alphabet of healing function in brain activity.

Again we have an archetypal alphabet of learned ratios which act as a template, through which the self/not-self of information flow is switched. The frequency window (approx. 0-20 Hz) found significant is the same we noted as significant in our spectrum analyses of the EKG at peak emotion. Bentov, in *Stalking the Wild Pendulum* measured the sonic phase entrainment from the heart to brain cavities as liquid resonators. The liquidity of the brain’s nervous tissue crackles toward crystalline, as the psychoactive ductless glands are massaged by the sonic implosion centered there. The result is a situation where gland and nervous tissue become equally resonant sonically, nervous tissue moving toward crystal, gland moving toward liquid. Massive phonon superconductivity occurs as their wave propagation velocities equalize. This ecstasy onset, can be



learned by feedback. We will eventually develop the concept of coherence onset as a specific nutrient to immune function.

The next puzzle piece is the Sentic literature by Manfred Clynes. As a concert violinist, he noticed that the shape of the pressure he exerted on the strings of his instrument, bore a direct relationship to whether people cried during his performances. Ingeniously, building a pressure sensor recording device he began testing the shape of the pressure wave people use to touch, in order to express each emotion. Think of the way you touch a lover as you say something endearing, versus the sharpness of a touch that expresses anger. What he found, dramatically, was not only were the pressure envelopes of touch, archetypal, but also quite cross cultural (*Music, Mind, & Brain*, also by Clynes.) One characteristic of these waves-of-touch is the envelope of ratio of the event duration/ versus the moment of maximum pressure.

The envelopes are an alphabet of ratio, recognized around the world even more than "words;" they are pure touch. Observe, that the moment of pressure establishes a ratio which can start a cascade of wave beat notes down the Jacob's ladder of frequencies. It does not concern biology that the scale of emotion's ratio is in orders of magnitude longer than cellular resonances. Getting the "words" right is recognition of ratio.

Notice particularly the ratio fixed by the shape of the touch, for love, appears to near the point of the golden mean, or Phi (.618033989). This leads us to the research project we did at Millard Fillmore Hospital, "Relaxation by Coherence." In my graduate work at the University of Detroit's psychophysiology lab, with Dr Al Ax, we differentiated fear vs anger on the polygraph. With the wonderful encouragement of Dr. Bruce Middendorf at Millard, we undertook to look further at the nature of emotion and relaxation. This time, utilizing fingerprinting, which has become a passion with me — frequency signature — I used a "MacAdios" 8-channel, programmable spectrum analyzer interface for my handy Macintosh.

First we should ask, why is the spectral signature of the heart, a most profound first place to look?

I was aware of Bentov's work showing the heart's sonic phase locking of the brain during deep relaxation. Also consider Arthur Winfree's *When Time Breaks Down*, in which he illustrates the geometrical origins of the electro/chemical wave of the heart beat as specifically a seven-color torus/donut!. In deriving the sacred alphabet of forms from the seven-color torus, we derive the letter forms from the seven possible ways you could spin a tetrahedron (4 point/face axis, 3 edge center pair axis). This seven-color/seven-spin is why the tetrahedron co-defines the torus.

So, getting back to the heart of the matter, consider the seven spiral nest angles which make up the (liquid/crystal piezoelectric) separate layers making up the heart muscle. In "Fields of Form," where I first saw

the seven-layer map of the heart muscle, the shape is derived again from the seven-spins of the tetrahedron! In fact, the heart is laid out as a recursion of the form of the Anu/primal donut particle, and Babbitt's primal particle.

Thus it seemed that the geometry of the heart as a flow form, was designed to be the initiator of a harmonic dance, nested enough to choreograph biology. (The bios of logos, the body of the word.)

The structure and resonance of the heart, are apparently the key into conscious and emotional programming of biology. Therefore we chose to connect the output of the EKG at Millard's sleep research lab to the input of our spectrum analyzer. We invited an experienced yogi, Foster Perry from Sante Fe, to relax. Over a period of more than an hour, we kept getting spectral tracings at the very low end which looked like a caduceus. The particular tracing shown here was one of the more clear events. During the moment shown here, a filmmaker was in our lab documenting the work for groups in China. Later, Foster told us that at this time he was "sending love to the people in China". The far right channel here is EKG spectra in the 0-20 Hz window. Notice that a kind of peak experience occurs at the 2nd and 3rd traces moving downward. Each succeeding trace downward is a few seconds later. In fact it appears a kind of wave of activity swept through the EEG activity in the 2 left channels, seconds later. This kind of pattern happened numerous times over the 2-hour study session.

Well, being of musical training, I immediately got out my calculator to see what musical chord was represented by this, the frequency map of the heart during love. What I found was nothing based on octaves, or square root of two (what I call: "in-cube-ation"). In fact the 15 recurrent frequency nodes in these heart traces turned out to be 1.28 Hz apart, consistently.

Having spent the better part of my life investigating the profound significance of the Golden Mean, I immediately recognized that the square of 1.28 is 1.618... This is a primal representation of the Golden Mean (in the series: .618033989..., 1.00, 1.618033989..., 2.618033989...,) This means that the wave node multiple heterodyne or beat note of adjacent peaks would generate the golden mean nest.

Since that time, I have romantically considered the word love to be an etymological shortening of the term "low-ph(i)."

What does it really mean, in simple human terms, that the heart, and the touch both etch this particular ratio, at the moment of love?

Remember that all wave ratio, is length ratio. Somehow, cymatically, or macrodynamically, the heart sounds have woven the nest which fits the braid angle of DNA. In *Grammatical Man: Information, Entropy, Language, & Life* by Jeremy Cambell, there is a stimulating grammatical analysis of why genetic material has such a high signal-to-noise ratio,



as an information conduit. His answer is basically that the braided alignment of active sites (morphically) is a sophisticated key site switching mechanism. He calls this "context dependency." Much like thousands of machines codes can be switched modally by a high level language like BASIC or DBASE, the long wave (of braided context) does the high level switching in genetic material. (One key code active site alignment switches on or of the replication of thousands of codons, down the ladder of braid or symbol hierarchy.) Intuitively it is implied that the coherent long wave of emotion, may be the massage of touch, braiding DNA.



I often tell this story in a general interest way to groups: Suppose you wished to braid your lover's pony tail. You would first divide the long hair in even halves. Then holding the ends you would move your hands back and forth, alternately one over, one under. Your hands would be making shorter lengths side to side, and would move closer to your lover as the braid formed. Now imagine you had put a pen in each hand instead of hair. You would have drawn a caduceus like shape, exactly like the trace from the spectrum analysis of the heart, at the moment of love.

The heart creates the sonic elements to weave the nest of dodecahedra at the moment of love.

Classically, the blossomed heart is said to have "twelve lotus petals." Note that not only does the hex view of concentric dodecahedron represent a shadow of the heart in love, it also may be a clue as to why Blavatsky's Isis Unveiled suggests the twelve cones we view as a planar zodiac are, "in the next dimension," (3D) a dodecahedron. Other useful clues to the information transport across scale mechanism of the dodecahedron include: John Michel's dodecahedral models of the City of Revelation/New Jerusalem; Ezekiel's Wheel, the Merkabbah; the craft in Carl Sagan's Contact was dodecahedral.

In order to lift the shadow of shape off a circle to a line, off a line to a plane, off a plane to 3D, off 3D into... the Golden Mean is the necessary path. The 3-spin symmetry cube spins to make the dodeca in 4D, the dodeca spins/ratchets and makes DNA 5D, DNA braids upon braid, to 6D and 7D and so on. Each time a new symmetry relation is discovered a harmonic or beat note (or dimension, or level of recursion/awareness/consciousness) can be added to the frequency signature without interference.

Because length, area, and volume, can all be conserved in the same ratio, the genetic wave guide can flow everything about shape (which is everything the universe has to remember) along "memory's lane" between dimensions/scales.

The implications for learning about emotional behavior are deep.

Manfred Clynes, while writing *Sentics*, learned that even the process of having people eidetically go through the "motions" of all the emotions, was profoundly therapeutic. Much like the "Range of Motion" (ROM) dance for the elderly.

Using feedback, and conscious choice, coherent emotion can be learned. Our Harmonic Module project uses this concept. We have stethoscope mikes, linked to geometrically-arranged speakers, and laser light patterns. We believe that training in deep, coherent, emotion, particularly in a group context, will be powerful nutrition for the immune system.

Dr. Bruce Lipton has provided us with two important pieces here. His papers are: "Liquid Crystal Consciousness and the Cell," and "Membrane Mediated Behavior." In summary it is suggested that the way the sonic information is switched into and out of the cell is specifically the resonance susceptibility of the cell membrane. Her real self/not-self decisions are made this way. The spectrum analysis of the shape of the folded membrane surface, is in one literal sense the summation of all of its memory of touch. Since the membrane is literally a standing wave, it's surface contains the geometry of pressure, a kind of history of every emotion which was integrated (brought to focus/center/stand). Cell surface is a moire switching grid, a tapestry of woven memory. How have your cells been touched? Consider: contact inhibition describes loves flow between cells, and measures cancer resistance. Consider the use of surfactant lecithin in homeopathic Epstein-Barr & AIDS therapy: membrane softening promotes contact/touch.

Note how the spectral morphology of shape translates literally into a key-in-the-lock picture of how a cell membrane tests the admissibility of a virus. Holes in the spectral signature of the cell membrane, represent unswitched/unlocked gates, and part of the emotional spectral alphabet unintegrated (feared).

This notion of key in lock, may lead us to better understanding of our planet, whose membrane is biology. The latest models of the geometry of the gravitational grid of Earth/Gaia, are dodecahedral.

Thus the symbiosis of biology, onto our collective mem(ory)brane, may be coherent emotion. Food for thought. The longest waves we can ride in our highest emotion, are those whose information context, embeds our hologram into the next larger body. Phase-locking ecstatically with the Earth's Schuman resonance heartbeat may be an umbilical cord to collective mind. Urban concrete canyons, filled electromagnetic low frequency chaos, may be a bleeding shock to a grounded emotional context/well connected mind.

NOURISHED BY SPIN: THE PRACTICAL SACRED GEOMETRY LIFESTYLE

INCREASING AWARENESS BY SEEING THE SACRED (GEOMETRY) IN EVERYDAY LIFE.

The world and memory is made of simple pressure waves which by learning to dance in symmetry, learn to stay alive. We've learned that symbols and the alphabet as symmetry itself were simple lessons, in how to catch spinning donut fields by their throats in such a way as to eat their spin. People are like tai chi water wheels who, by catching spin in their wave envelopes, can either eventually bend galaxies of light into their wishes, or be completely washed away to death by lack of symmetry/spin and shareability in their wave forms. The choice is as simple as at each moment knowing how to "be nourished by spin" in any situation.

So, let's look at how to locate the spin which feeds the soul at every turn of the eyeball. Since spin is only supported by the mirror-like symmetry which geometry teaches, then these lessons could be called "sacred" geometry and also home-building, eating, traveling, loving, dancing and so on. Pure principle shared at the center of all spins, like ever-present lightning, will animate your thoughts and your body if you know where the spin donut throats are centered at every turn of your road.

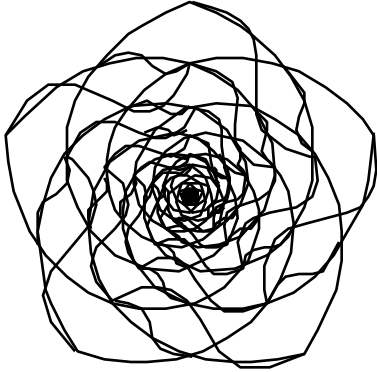
First, get to know what it is that both you and the collective mind want. You and the ONE mind both want to consume awareness, which is what happens when enough donut-shaped pressure waves converge at one point to become recursive and self-embedded.

The electrical structure of the heart and brain were precisely designed to accomplish the process of locking pressure fields symmetrically enough to get spin centers reaching out to farther and farther horizons of "feed back loops" called awareness. Elements of the pressure spinning around farther and farther allows "far pavilions to be pulsed into you. So your field can then begin to collect data, or "sample" the pulses, about what is spinning even beyond your fingertips.

Awareness happens when recursive nesting happens. Recursive nesting happens when fields become "self-contained". Just because we have named the wave-suction-like attractive phenomenon we feel when this fractal attraction occurs "consciousness," and "gravity," does not mean that they are inherently mysterious.



It is as easy as noticing those twinkling eyes you cannot help but look toward. We caught you, they say, and then you are falling in love with awareness again. The higher frequency content in the spin membrane of eyeballs that do indeed twinkle, is there because the spin could nest. Eyes cannot hold spin if the rest of the body cannot electrically hold spin. The rest of the body, cannot electrically hold spin if the micro-climate cannot hold spin and so on. The point is that only spin systems which can nest one inside the other "self-contained" perfectly, like a fractal, can hold awareness.



A demonstration of the adding and multiplying of waves and wave fronts.

It is not enough for the eyeball unto itself to be in symmetry, with the structure of its own scale. It only works if there is a whole nest of larger and smaller spin systems which can pass their spin (memory) unimpeded up and down between big spin circles and little spin circles (these are technical terms here). The connection between big and little is only kept spinning when waves discover how to get from here to there, big to little. This little secret was discovered by waves who did not wish to die, many turns ago. We as people would do well to hear their whisper. These clever waves said: Oops, continuity of memory/pattern/ and spin is better than interference and death. We will do the little trick required to live forever. We will enter the very "particle"-ar kind of symmetry which makes nesting possible. We will enter the fractal.

So the waves figured out that the pattern of the nucleus in an atom had to be the same but smaller than (fractal to) the pattern in the electron shells. This fractal recursion between electron and nucleus created the wave suction we call gravity, by making sharing possible with no conflict between the waves on the outside of the atom, and those on the inside. This principle of embedded-pattern geometry is also helpful, for example, if you happen to be a landscape elemental who just fell in love with a people.

People tend to be smaller than landscape elementals who routinely envelope bioregion-wide lightning storms in their wave bodies. So, the vast landscape angel uses fractality, recursion, to sweep little people into their love. Suppose you made whole mile long stretches of hillside into something which was the SHAPE of people, only bigger. (Like the body shapes in the hills around Glastonbury, England for example). Then you, as the landscape angel, could get your magnetic spin nested down into a people, with whom you might happen to be in love. Indigenous people used this quality of foldedness on the land's gauge — "el-land-gauge" — to initiate their shaman into the dream time. Magnetic flux concredensing or converging from faces on the land into the glands of people, fractal to the land's magnetic fold shape, is an ideal way to get memories the scale of continents into people's bodies. Thus begins a physics for aboriginal use of large stone formations as

libraries to be accessed at will. This quality of land's shape getting to be anthropomorphic or people-shaped, was called "Simulacra" in John Michell's book of the same name. If you want to feel the memory of a whole tectonic plate, visit the center of the Eagle's brain in the map of central Pennsylvania. Be nourished by the spin.

The concept of information and energy traveling between structures by virtue of the resonance created between related shapes, is called "morphic resonance." While tested in principle, this spin energy, which may include many spectra, has been considered somewhat magical in physics and information theory. However, when the elements of complex spectral harmonics are linked by phase (which pure shape is), we can much better begin to understand how information may travel great distances when complex shapes send spin messages from place to place. These messages are like e-mail destined for mailboxes which match its shape codes. Viruses which affect each other at a distance are an example, they are identified by the infinite series coherent frequency signatures which biological structures or shapes epitomize.

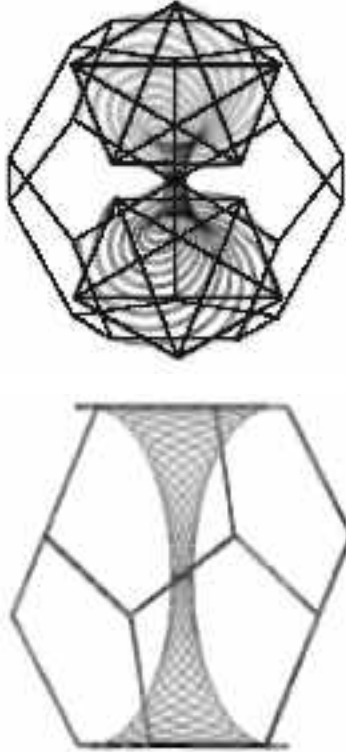
Since coherent magnetic fields moving between frequency signatures turn out to be gravity, perhaps we should now begin to think of astrology as the science of knowing how to best eat spin.

What does it mean to consult your astro-cartography before making any move? We should know how the fractal cascade of gravity's scalar magnetic wind between frequencies will massage our glands before we set sail in that wind. We used to say, astrology was not the science of cheating the wind of gravity, it was merely knowing which way the wind was blowing before you choose the angle of your sail. This metaphor takes on a nice deeper richness, if we look at Hilarion's phrase: "magnetism is the wind on which love travels." Magnetism is indeed the stuff which carries love, if our studies on the harmonics in the heart electricity at love's moment are correct. When the heart's harmonic nesting works, then abracadabra — the tree hears the wind. Note what happens when the tree's charge-envelope is braided into the harmony of human love.

A wave-mechanic geometry carried the magnetic wind of electricity from the fractal heart to the listening tree. The donut fields gathered to nest by one-pointedness, found that high leverage still place from which to share life giving spin. The fun is knowing that this nice little braid cascade recursion of wave donuts getting their pressures nested to fold all inside out through one slip knot to elsewhere is exactly what we have casually and irreverently been calling gravity. How else could we perceive gravity as going only one way, in but not out?

In order for the spin to go somewhere, (obviously those gravity waves were not going to their deaths) they must be traveling into the fractal. They know that inside the inside-out, inside the self-contained

recursion nest, they will find a place to unpack their spin memories into even finer detail. Gravity draws the threads of memory through the wormhole vortex, where all fields are unified. Thus the information/mind of pressure can nest to where it (and the feedback of spin it contains called distributed awareness) could not otherwise travel. They go to other scales, ushered there only by fractal ratio. This trip to other scales requires an "air"-line ticket of fractality and recursion neatly danced. Planets perceive the cascading magnetic lines moving between scales, which is the increased information density gravity braids, as an erotic bloodstream which biology only serves if people emote coherently and undertake conscious grid engineering. This is a deep and abiding clue to the nature of human/planetary symbiosis, with both focused on evolving awareness/recursion.



Now, back to tracking the stars.

We can now predict where the stars are crossing in the sky by graphing the change in charge between the plates of a capacitor (Greg Hodowanec and Bill Ramsey). Those stars apparently are busily at work braiding spin into our envelopes. Light massages of charge are just how we tracked the heart getting into the trees. When Bentov tracked the phase lock of the heart's beat to the brain's liquids, he used this same charge amplification and called it a "capacitive accelerometer." Now, just such "charge amplification" tracks the stars, sending messages to our capacitors. Funny thing, the stars sending hand signals to our capacitors all these years, and us not even knowing. It is not just the capacitors among our radios, which have been gathering star signals for information about stellar navigating. Subtly and unbeknownst to us, each muscle cell and nerve synapse have been doing the same thing all along.

Of course, a little wiggle in one envelope of charge in one brain synapse is not going to inform your head how to navigate star systems. But when a long-term pattern of little wiggles is gathered, in ritual like a rhythmic sampling dance, then your body can get the messages the stars are sending. This is not unlike the Polynesian collecting the pressure waves on his canoe. Subtle patterns on the buttocks, and suddenly he "knows" in what direction is Hawaii, even though his canoe is 2000 miles away.

Now we might ask, why is it so important for the evolution of awareness for us to catch the messages of the star's geometry? We once noticed that vast landscapes on sacred ground in southern England around Glastonbury, and southern France around Rennes Le Chateau, are exquisite natural formations in the shapes of star systems frozen on the land. SomeONE went to a lot of trouble to make a map, which we literally tripped over. Again there was fractal building going on.

The storl to this mory is that stars make recursive and self-aware wave nest bodies "in their image and likeness," too. They wove a nest

out of gravity's eddies, in which life could blossom like spontaneous combustion. Out of a nest of pressures comes nascent self awareness on a whole 'nother scale: people — human awareness — the bios of logos.

This is not just pleasant abstraction; it is cosmic instruction about how to inhabit the face of Earth as a sequence of magnetic folds in order to inhabit spin in general. Inhabiting spin means to distribute recursively the looping feedback called self-awareness/mindfulness among a phase-locked geometry of pressures. This distributed awareness is breathed into a space when symmetry Christ-all-izes.

SWEET ECSTASY: ON THE NATURAL BIOLOGICAL USEFULNESS OF THE ECSTATIC PROCESS AND HOW TO ACHIEVE IT

I would like to share with you some thoughts on how energy metabolism in the body produces sweetness, and how munching on sweets smokes up that fire. Habitual/addictive kind of behavior to things like dairy and sugar will actually shorten the nervous system's evolving connection to the ethers.

For example, I consider that a fire in the blood (also called song in the blood) is particularly at issue in the Jewish and many indigenous blood lines, the lightning from genes to Moses and starseeds, etc. So it seems that personal habits which seek the "permission to taste the sweetness" inappropriately can actually deflect the evolution of the soul, and even the group soul or egregor.

This may sound overly serious but look at the urge for the ecstatic as it manifests in drug use. This is often the life issue for the soul. There is a deep knowing in the cells that participating in ecstasy is a life or death matter. This is because without ecstasy the field effect wiring which connects the cell to its "central computer" has no high frequency "baud rate" carrier wave on which to envelope or modulate a "call home." In other words, no ecstasy means no information umbilical cord to the home office. Which translates to the death of the platoon. You don't get a sharp tone, ringing ears, bright room tapping resonance in the nervous system when there is smoke in the biological blue fire...

So while the urge to ecstasy is correct and necessary for cells and people, how it gets done is survival related.

In order to understand the chemistry of ecstatic process, and how diet steers it awry, let's consider "normal" ecstasy first. You have evolved from metabolizing reassembled mother's proteins (dairy) to building your own long wave identity (called weaning). (The mucous response is the digestive wall lining confused about self vs not-self, so it tries to avoid digesting itself with a lining of mucous. There is no such confusion with simple foods like grains and veggies, only dairy, meat and sugar).

In a state of good health, short chain building blocks, whole grains and the right mineral-rich veggies from the soil's chi, serve metabolism. The cell is like a snake charmer taking in food/raw material. The energy of food is massaged as envelope to very short wave high quality ultraviolet light. Biophysically speaking, the UV light literally drives



metabolism. It is none other than "blue fire." The UV burst which accompanies cell replication is evidence of this. This is the blue fire which Reich called orgone.

High quality attention (very focused and resolved) is the only charmer capable of moving the snaking blue fire. Only this touch on the still points cups the moving wave of biology's fire. Remember, fire is a name for pressure which converges because of pattern. This is a very precise description of matter and mind and memory. So that the maintenance of quality in the inner fires is the only access to information which the mind truly has! (In electrical terminology this is called impedance matching.)

Now, suppose you had a good nights sleep, you had fresh fruit in the morning. You drank only hi-energy spring water which you supplemented with blue green algae and minerals. The protein complexion of your mixed whole grain breakfast was exquisite, lunch was lentils, quinoa, fresh-juiced carrots, broiled salmon: dinner was miso, seaweed, brown rice, fresh lightly-steamed veggies. You breathed only pine forest real air all day, you had a rest in the woods, you were feeling loved, you had some good real water hydrotherapy, the stars were crossed, and you began to meditate (with good pelvic tilt) before sunset.

Now in this scenario, there is a high probability that the pumping action of the coherent heart sonics on the clear fluids of the spine would drive some very sweet wonderful nectar to the very top of the brain crown. This can be tasted on the back roof of the tongue. After years of this experience the flavor of the nectar which drips will be consciously related to the diet hours earlier. The gates which pump ecstatic orgone-blue up the spine are particularly open if tantric or erotic, but orgasm-conserving sexuality has the lower glands open and stimulated, but not drained.

The process of the sweet, nutritive, dripping blue-fire ecstatic juices to the brain top causes growth explosion to the super cortex, increasing conductivity and baud rate to the phase lock of the optical hologram with matter, thus driving up dream weaving power and psychokinesis (among other evolutionary desirables). The rising kundalini force also becomes noted by the earth grid as a rose bush would notice it's own flower. The new rooting of geomantic flow through the ecstatic human can produce impact on weather, clouds, and the cleansing of undigested emotion in the gravity bloodstream of the geographic region. This can be enhanced by group ecstatic ritual process, as tribal, or sacred dance or movement weaves membrane.

There is a natural drive to reach ecstatic moment in humans because it is a required path to the next evolutionary directive of the human nervous system. The onset coherence in the brain cavity's