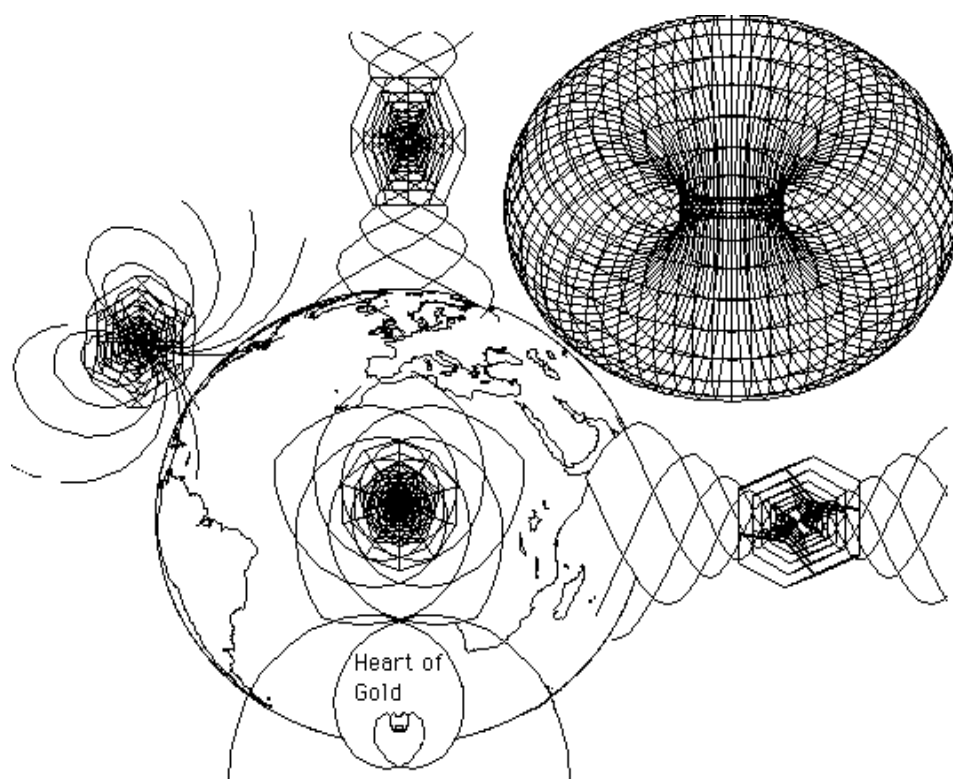




alphabet of the H)EART(H

Alphabet of the H)EART(H: Sacred Geometry's Golden Meaning

E Pluribus Unum (from many: One)



from Daniel Winter and Friends at Crystal Hill Farm

Including: The Planet Hearthworks Papers, One Crystal's Dance:
The Star Mother, The Seed and the Egg: A Galactic Context,
When Lightning Strikes a Hummingbird, The Alphabet of Forms,
and Harmonics of the Immune System Projects.

Alphabet of the H)EART(H : Geometry's Golden Meaning.
Exploring the Endless Natural Archetype "E Pluribus Unum".. From Many: One.
from DANIEL WINTER & FRIENDS
9411 SANDROCK RD, EDEN NY 14057

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+ "Alphabet of the Heart" 2 hr VHS video w/computer animations.	
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+ This book is also available on MAC computer disk..	
+ "Star Mother" Sacred Geometry Modeling Kit	
+ 7 Color, Donut Model (Spins through itself.)	

INTRODUCTION

“E Pluribus Unum” From Many: One.....

If you have taken a moment to scan the many pages of this book already, you may have noticed so many illustrations that as they fan by it almost starts to look like the book itself is a kind of computer ANIMATION waiting to happen.

Perusing the pictures in this book in this way may in itself be fascinating. But inevitably you are bound to ask: “Well yes, many exciting chapters, but what makes it all ONE? There are so many topics...?” First there is ONE simple geometric symmetry set which creates the type faces of the alphabet. This suggests that the origin of symbol itself may be ONE from many. In one dimension up (3D) from the 2D alphabet, it IS all ONE. Then there are the faces of the solar system through time (symmetry), which makes a seed shaped body.. in the Seed and the Egg chapter. There is a section on the faces of Earth.. making a body... Eagle, Serpent, Bear, Dolphin.

Also in this book there are hints that the tilt or phase/face sampling of the light photon-donut, gives us all COLOR. There are clues that phase sampling the 7 color donut translates the electrical toroid which energizes the HEART into cardiac rhythmia/arrhythmia... which is the master crystal oscillator for all of biology.

We further look at the simple alphabet of coherent long-wave-ratios which identify emotion's faces.... and how they dance/cascade as wave onto the surface of the cells creating immune-identity there.

In “Resonance Geometry: Modern Language of Rigor”, we include a way to look at the faces of cat-he-dral (architecture), which make ONE body out of frozen musical emotion in stone.

Much is said about the faces of the dodecahedron, which links the entire alphabet of polyhedral geometry to an infinite nest of phase locked faces. It makes ONE body out of many faces for the 12 faced zodiac, for the newly modeled grid of Earth, for the ratcheting dodeca called DNA.... and for Merkabbah, and City of Revelation...

The Harmonic Module is described as a feedback model to enhance consensus process... to weave many minds who choose to become ONE mind... using phase synchrony.

What makes this collection all ONE, is that it is all ESSENTIALLY about THE PRINCIPLE which makes ONE from many.

However we language it, (as we shall further unfold it) the ALPHABET OF SYMMETRY is:

- *the platonic solids nest.

- *the basis of ancient sacred alphabet.

- *color.

- *the heart shape, the heart sonics, the cardiac programming of immunity (self).

- *emotion (c.f. sentics :emotions shape as touch/ as pressure wave of ratio/the origin of braid!)

- *atomic/electron geometry, AND nuclear geometry .

This is truly the Alphabet of the Heart, at the heart of the matter.

If we fail to get to the first principles of the cookbook braiding light donuts into matter (this includes twinkling eyes), then the kinder-gardners will be stuck in their schoolroom. Matter is a gently padded cell.

Yes, this is an ambitious book. That however is really the heroic quest: to encounter what at fist seems unconnected.... multi FACEded... and move in time until the perspectives consume or lock into ONE. Come let's dance together...

PROLOG....

The following pages were composed for a young lad coming of age, awakening to the sacredness of his culture. Being written in what is intended to be a child's vocabulary, this may serve as an introduction to the concept of a simple geometric origin for our symbols as alphabet, a consuming perspective.



“A Letter to Aaron:”

Re: Creating Matter using Alphabet
For the Occasion of your Bar Mitzvah..

Hi Aaron,

Your Mother sent me a note suggesting you might want to learn more about why sacred alphabet is important. I have been considering this pattern/puzzle for a long time, and I thought I would send you some pictures and a story to see if you liked them. I need someone to test these ideas to see if they fit together. And you might be just the perfect person to test them for me.

Did you know that when Lazarus (at the time of Jesus) came out of the tomb after having experienced death, he had changed from an old man into a boy of Bar Mitzvah age. He had somehow found a path through the dream world in a way that re-created all his memory.

Well, I too have been trying to tie up all my memories into one neat slip knot so that I won't lose them. Something about the inside out moving quality of a donut does this nice ordering preserving job for memories. It is kind of like first making secrets (separate-ness), then giving them away!

This story is about the original sacred alphabet tilted shadows of ONE donut! This basic pattern for nesting donuts may be THE perfect pattern to help us both remember EVERYTHING! Let me explain why.

When you are young you see that there is so much to learn (or re-member) about how the world is glued together. You might well begin to ask yourself: “how am I going to re-member everything about this complicated world in order to be powerful (and useful), here?”

Someone tells you that there is something called “physics” and “chemistry”. These are big books full of rules about how you glue this stuff called “matter” together in order to make stuff like “people” and “toys” and other important things. Now these supposedly wiser older people are getting ready to tell you that you must learn (re-member) all this stuff about matter that's contained in these very thick books.

Instead of trying to remember everything in very thick books called “physics” and “chemistry” you may wish to try a more direct way to understand stuff. What you and I should probably ask is: “isn't there some IDEA or PRINCIPLE which is a rule or pattern which we can apply to make every thing in all the thick books?” A principle is a basic rule or pattern or idea (kind of like a little jig saw puzzle), which you apply to ALL other puzzles or problems. And if you understand this basic rule or principle REAL good, then ALL other problems (even in thick books) become EASY! Neat, isn't it.

Well good, since we have got that figured out, now what we need is to find that FIRST principle from which ALL other principles or ideas or rules are made. Where do you suppose would be the best place to look for the first rule or pattern?

Well where is the most important idea in the most important book around??

Probably you guessed that the most important book is the Torah or Bible, and if you did, you're right!

Now, if you wanted to put a most important thing in a book, where would YOU put it?

Probably you guessed: “in the beginning of the book”. And if you did you're right again!

So good, that part was easy.

We just take the first part of the most important book and there will be our basic pattern for EVERY-thing. We learn that pattern real good and everything else we need to know will be built from that first little principle.

Next... Un-wrapping the magic pattern..

Well you and I have probably read that first all important part of the Bible. What are the words which begin the Bible? Do you remember?

If you said “In the Beginning..”, you may or may not be exactly right.

It is true that “In the Beginning..” is usually the way we read the first Hebrew words in the bible. But a friend of ours named Fabre D’Olivet thought that we should really be careful about how we read Hebrew letters. So he looked at the way each Hebrew letter was shaped, and what words each letter was nested inside of (in the Bible), and he came up with a super careful way of reading Hebrew. The book he wrote is fascinating, it is called: “The Hebraic Tongue Restored”. (In France around 1815).

Anyway, by looking at just the SHAPES of the letters themselves he proposed wonderful words to read the bible into English. The shape of the letters of Hebrew were enough to get all meaning from them. His important translation for this most important beginning part of the most important book was: “AT FIRST IN PRINCIPLE!”.. Later we’ll see that if the universe is made of just ONE kind of stuff, then shape has to be enough for EVERYTHING to get meaning.

So I guess we have a clue that indeed our first principle idea may indeed be put just where we figured: in the FIRST part of the Bible.

Now Hebrew scholars have been saying for years that you could figure everything out from the first word in the bible. And that if you didn’t get it from the first word, then certainly you would get the pattern from the first verse. And that if you didn’t get it from the first verse, you would get it from the first book... and so on.

Well, we should certainly try really carefully to get our FIRST PRINCIPLE, in the beginning of the Bible. Otherwise we might never get ourselves out of this slip knot called matter.

So, there must be a pattern in those first letters of Hebrew.

And it must be the pattern for ALL other patterns. That means that before this pattern, there is NO other pattern or picture or shape OF ANY KIND.

Does this seem impossible? How could you have a whole universe of stuff, and not have ANY shape before this shape?

Well, it turns out that this question has been asked before.

Some folks who study something fun called HYDRO- -DYNAMICS have been asked it for years. Hydro- means stuff made out of liquid or flowing. And Dynamic.. means the shapes and laws of how it flows.

Anyway these experts on how things flow together may have an answer for us. It does seem that flowing together is the heart of the matter of this problem about where did the universe come from.

So it probably would be good for us to ask these folks who study the flow of things.

We need to know what FIRST pattern occurs when you have only movement or flow, but NO pattern or order. Well, when we ask these experts on how things flow, what you can make if you have ONLY ONE kind of flowing material flowing around only itself to play with, what do you think they answer?

I’ll give you a hint. How do you know when someone is blowing smoke out of their mouth, so that you can see the SHAPE of their breath....

What is the only shape they can make which will stand still (remember itself) in the air, even though it is still flowing inside itself?

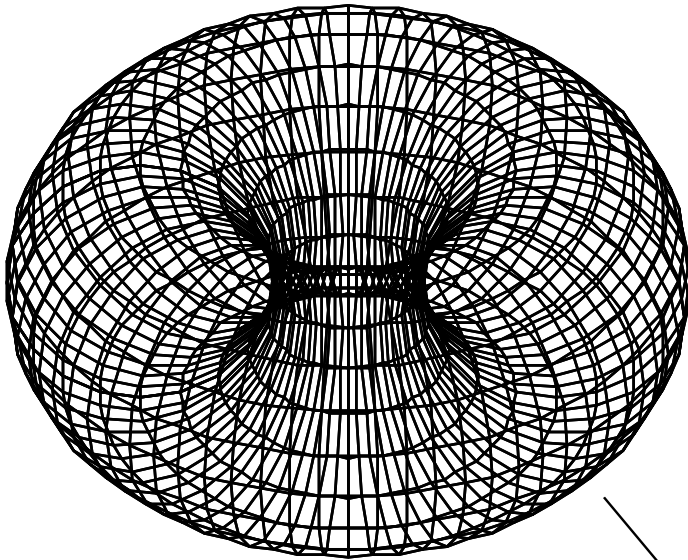
Of course you’re right, it’s simple: A SMOKE RING! A DONUT. This shape is also called TORUS. This SLIP KNOT shape is the ONLY way to get LIGHT to appear to stand still! It is kind of a little bow which light makes as it passes our stillness, out of courtesy.

Next, try to think of all the different ways you could make circles on the surface of a donut?

What are the 3 different ways to cut through a donut?

Each way of holding your cutting knife is at a right angle to the other way.

If you cut your donuts in these 3 different ways properly, you will get a figure 8 up and down,



Do you see a “Grail” cup in the center of this donut?
donut!

and one sideways. Thirdly, the cut through the whole flat center of the donut will leave you with a little circle inside of the big outside circle of the donut. (This last way to cut up your donut is the best way to slice your bagel to put jelly in the middle).

These are the three ways you could be making circles or spinning on the surface of the donut. This is kind of like having 3 spinning tops or “gyroscopes” all spinning at once inside ONE toy

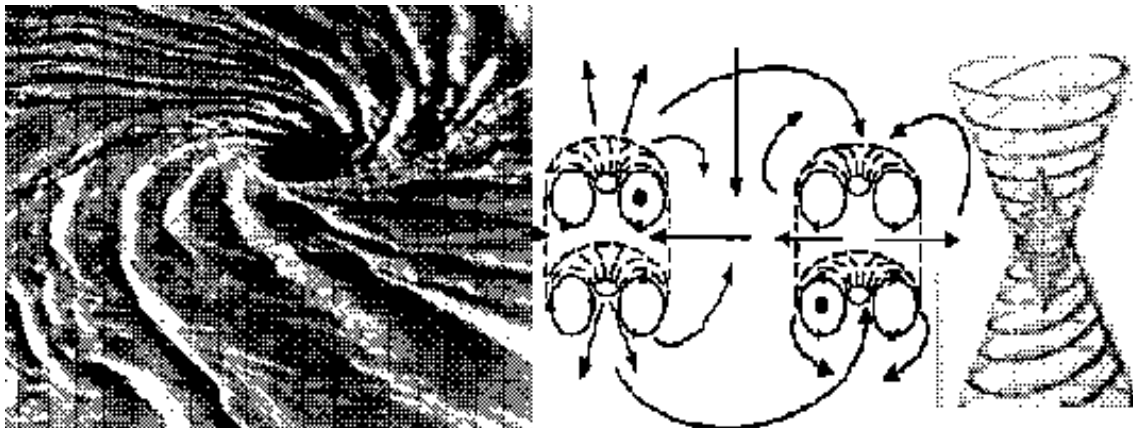


A spinning top can move from side to side, but it can’t fall over. If you could make three tops spin inside ONE toy, then it wouldn’t fall sideways, or up and down, or back and forth! Scientists tell us these three spins inside the donut, are the reason why it is the best shape for remembering where we put light. You focus, then “poof”, it stays put. Neat trick, especially since these same scientists tell us that, this remembering where light is circling, is our only way of making matter (or “mass”). Their special word for what your spinning top remembers is “inertia”; it is the ONLY ingredient for measuring “mass” or matter. Pretty heavy idea, don’t you think?

Probably we should be very careful for what donuts we create by focusing light, because it seems we haven’t got anything else to work with.

Don’t spend too much time focusing your mind on things like mad or sad, because guess what happens when you let those feelings face outside? Yep, they freeze that way.

So here are the pictures of Mother Nature nesting the vortex, tornado, donut.....
(this is her form of remembering)

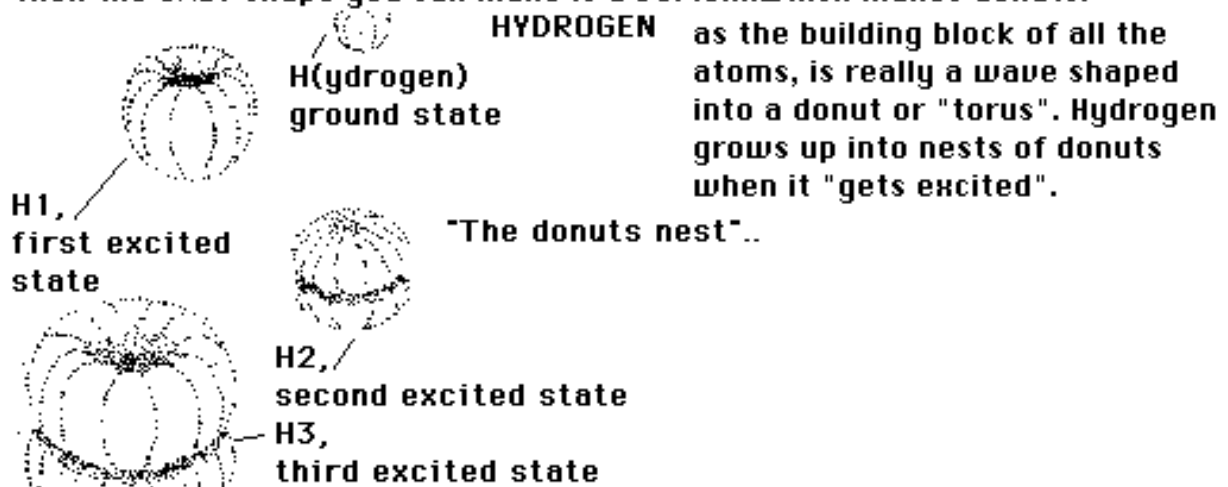


On top see the water vortex, suggesting how donuts flow into themselves every which way. On the top right see how a donut is in a way a pair of vortex.

Notice that the top and bottom half of a donut is the same “vortex” shape you see when you pull the plug in your bath tub. Everything that flows seems to remember how to make this shape. Notice how the picture (above right) of a pair of these vortices looks like a pair of little tornadoes. A tornado is a natural (but powerful) flow in air and water mist, of a bigger form of this same important shape.

It seems that every time Mother Nature wants to store a flowing form in some shape or

**When you have only ONE kind of flowing material to work with,
it is like the universe was ONE giant flowing ocean.
Then the ONLY shape you can make is a vortex..which makes donuts.**



“thing” that won’t immediately dissappear, she uses the shape of the vortex or donut.

It is interesting to think about how all religions say that the universe is ONE substance. And Albert Einstein said the same thing, he called it “The Unified Field”. Since this information is probably correct, what does it tell us about how the universe must remember in-form-ation?

You’re right, if you said that since the universe can’t sort things out by what their made of (since everything is made of the same everything-jelly), THEN the only thing the universe has to remember is SHAPE. Can you imagine that things like apples and tinkertoys and babies are ALL made out of the same light stuff, and only the SHAPE of the light re-mem-bering how to flow through them keeps them who they are.Neat idea don’t you think.

Do you think this was God’s idea?

Or was it yours?

And if it is true that in only ONE substance flowing, this donut shape is the shape from which you must build ALL other shapes (according to “HYDRO-DYNAMICS”).....

THEN.. this donut thing must be a kind of alpha-bet for building EVERYTHING else. But how do we get an alphabet from a donut?

Yes it does seem magical to say that all you need to create matter out of ONE soup, is a cookbook on how to arrange donuts. If indeed the universe is ONE stuff, then there is no other way.

After all UNI-Verse means: “One-Song”.

That means that the key pattern in our Torah or Bible, must be this cookbook. Torus and Torah are very close words to each other. And “Torus” is the scientists name for this important DONUT shape. In fact the word torus comes from “tourbillion” which MEANS: “scrollwork made of light”! Kind of sounds like an alphabet doesn’t it... scrollwork in light....

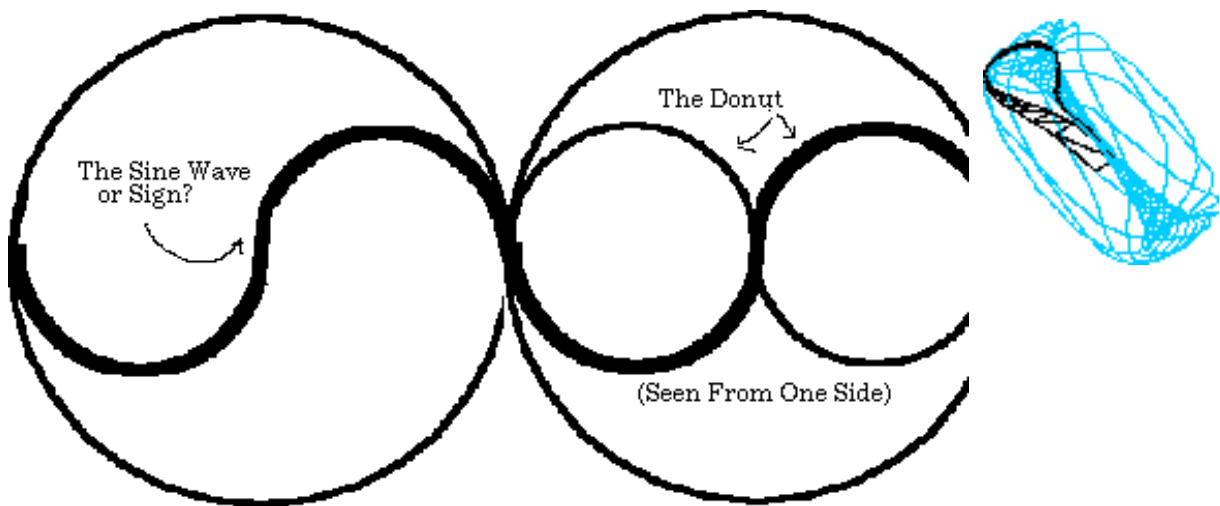
So in order to record the pattern which builds all other pattern, all we need to do is write down how to n e s t these donuts. Scientists also call the donut shape a “domain”. And they say everything is made of these domains. This includes electrons, and something called a “field”...(which is really just a donut shaped picture of waves standing in one place.)

Scientist also tell us that everything is made of waves. And they say that all wave shapes are really just various arrangements of ONE wave shape. They call this ONE important wave shape: “The Sine wave”. Kind of sounds like “sign wave” doesn’t it. Anyway notice how this sine wave shape on a flat piece of paper, is really just the shadow of our DONUT!...

(The outer circle is just the next bigger sine wave, nested donut in donut in donut in donut.....)

In another very old and important book this picture is called “The Tao”.

So this donut shape is just the tilting around of our scientists favorite shape anyway, the



“Sine” wave. In fact, the same simple sine wave in air can make all the complicated wave shapes we hear. Even your Mother making sounds with her mouth like “clean up your room”, is really just fancy nests of many different lengths of this simple wave kind of faced off together. The law in physics which says that ALL shapes are just this same simple sine wave added up in different ways, is called the “Fourier” principle. You say it like: “for yeah!”, because it means we are all one.

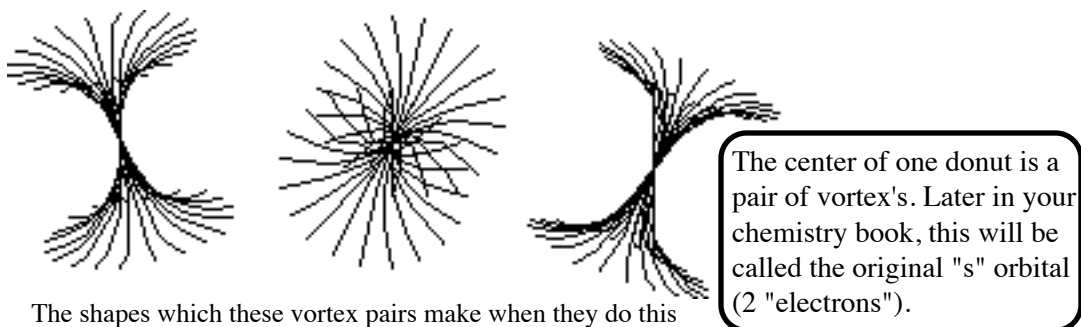
The next section asks the question, how do donuts, like birds, remember to build nests?

The usual answer to this question is the word “instinct”. But I always felt that “instinct” was just another word meaning “We don’t really know”. In my mind, when this “don’t know” problem happens, I usually start drawing pictures. This helps.

So, using pictures for help, next we must ask ourselves, how can this donut thing get nested to make everything.. even all funny shapes, like all the different things scientists call “atoms”. (They say our world is made up entirely of these “atoms”, whose shapes are arranged in something they call “the atomic table”.)

Well, the table of all the “atoms” that make matter, is really just a table of the shapes donuts make. There are only certain ways donuts or anything can spin around, and still fit all pretty together. Those scientists folks call this “symmetry”. You don’t need to remember that word however, since you might not remember where to put the two m’s in the middle when you spell it. Instead just remember that donuts only nest up into shapes that “spin pretty”.

Now spinning pretty into a shape, means that all the faces of that shape have to fit together.

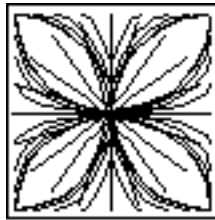


The shapes which these vortex pairs make when they do this nesting are:

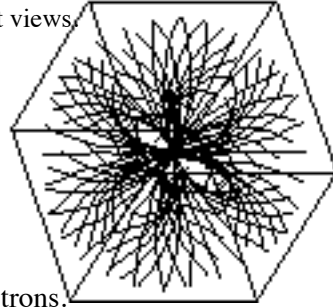
1 donut pair...picture of donut with one vortex each, top and bottom, seen above.

over..

3 donut pair...(a cube)



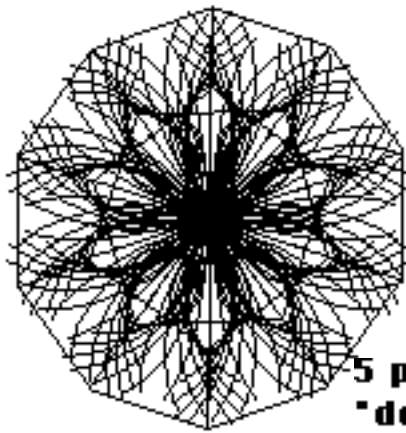
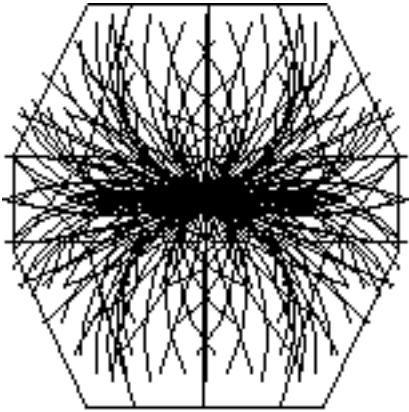
same cube made of "twisters",
2 different views.



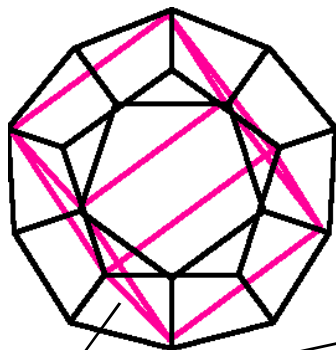
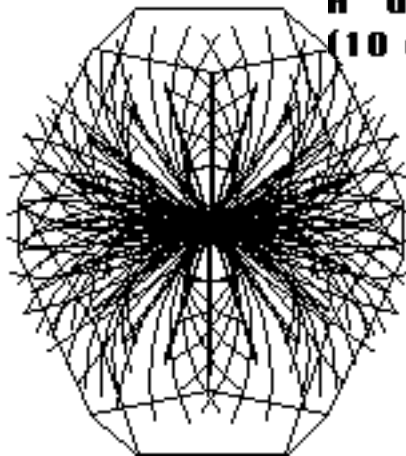
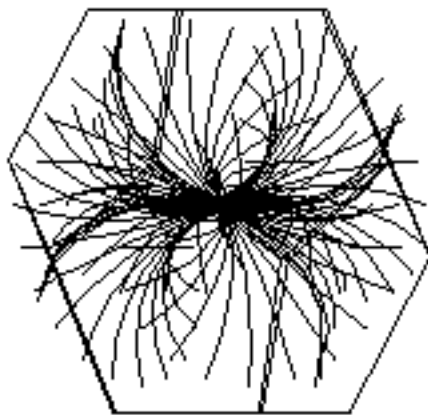
3 Vortex pair= 6,
make the faces of
a cube.

A "p" orbital, 6 electrons.

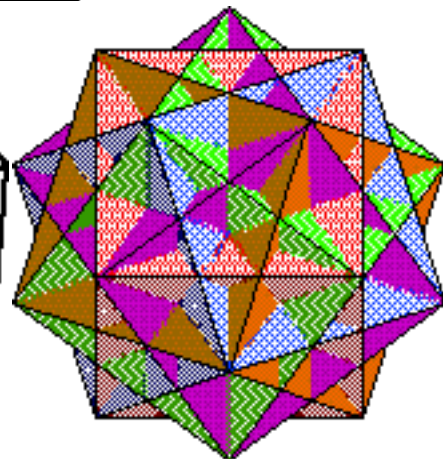
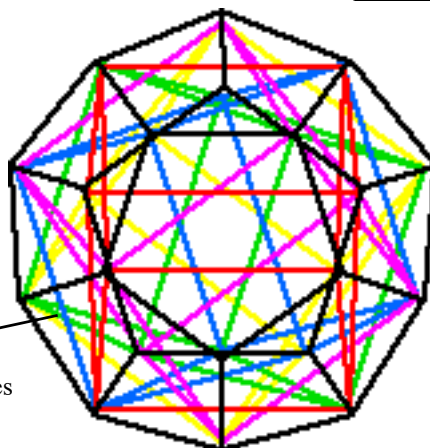
5 donut pair...(a dodeca-hedron):



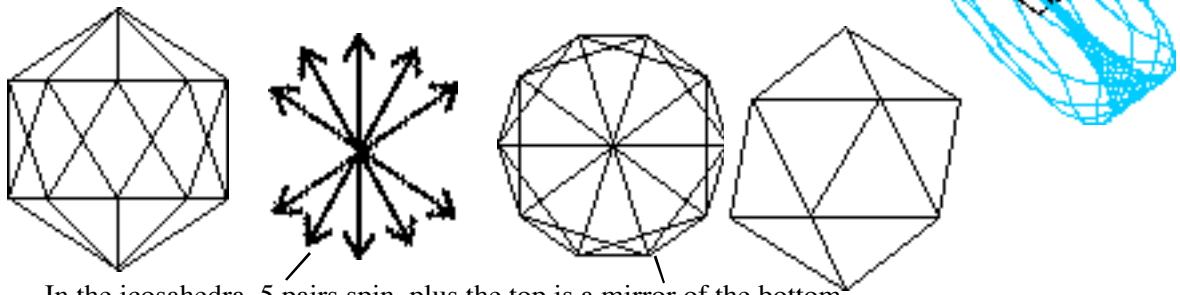
**5 pair make a
"dodeca-hedron"
A "d" orbital
(10 electrons).**



1 cube.. 5 cubes
notice how 5 spinning cubes
make 1 dodecahedron



7 donut pair...(an icosahedron):



In the icosahedra, 5 pairs spin, plus the top is a mirror of the bottom making two more pairs of spin, total 7 spins or rotations at once.

These are the POLY-HEDRA (Poly means many, hedra means face), the regular SOLID shapes.

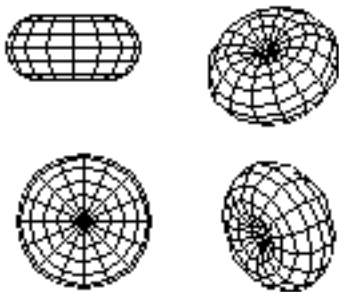
See if you can still imagine how these see faces fit together, even with your eyes closed! Does this feel anything like how the faces of your friends and their "points of view" also fit together? Seeing all points of view at once in your head is called "consumed perspective". It's something like holding inside you all at once, the memory of what one whole group of your friends must be seeing and feeling.

Later in the big book called "chemistry" you will learn that all atoms (which is EVERY-THING) fits into this ONE simple set of wave patterns called the "Atomic Table". What holds it all together is these nifty do-hickeys called ELECT-TRONS which are really packets (or nests) of WAVES! How they manage to hang together is into layers of waves called "SHELLS". The neat thing is that each layer of shells holds 2,6,10, and then 14 ELECT-TRONS. (Scientists call these the s,p,d,&f subshells). Guess how many vortex we created above by nesting 1,3,5 and 7 donuts into the regular or "platonic" solids? Right you are, there are 2 vortex tornadoes on every donut.

I think you kind of get the idea now, that all the shapes of the "regular solids", and of the table of the atoms, are made of tilting these donuts in order to nest them.

In a way this has been kind of fun, but what does this have to do with finding the perfect pattern to make everything from the alphabet at the beginning of the Torah?

Now if we are to follow our first rule which was we could not make any shape except the FIRST shape, then the drawings on flat paper, or shadows, of our alphabet for cooking up matter would look like this..



Clearly, these shadows of how to *tilt* donuts, do not look anything like the first pattern in the beginning of the Bible. It would be too confusing anyhow to remember how to nest these donuts by just looking at their whole shadow. There would be lots of shadows of donuts where you couldn't tell whether they were tilted up or down, by just looking at the shadow on paper.

So even though we found something to make all of matter out of, and quite a good pattern.. it still doesn't look like we've found the key in the beginning of the letters of our whole book.

Now if we really think about what is our problem in getting the key pattern from off the surface of these donuts onto our flat paper.....

The problem IS getting the unwrapping MAPPED onto "flatland" paper from off our our nice thick donut. Every time we draw the whole donut onto our pieces of flat paper, we do not get a good enough "shadow" to remember how it was tilted.

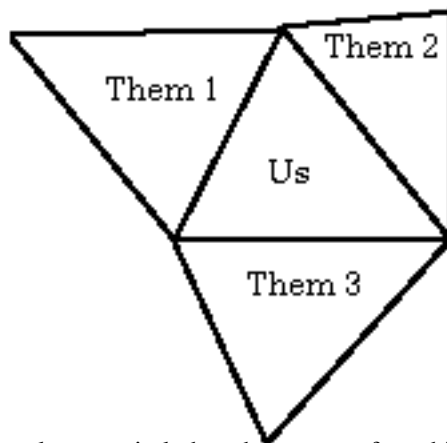
So obviously we must record some little piece of the donut onto flat paper, INSTEAD of the whole thing.

But we said before that we are going to start with only the absolute NATURAL thing (the donut). What is a “natural” way to divide up or slice our donut. Any slice we might take out of the donut to “separate” the thing, might not be nature’s way of doing it.

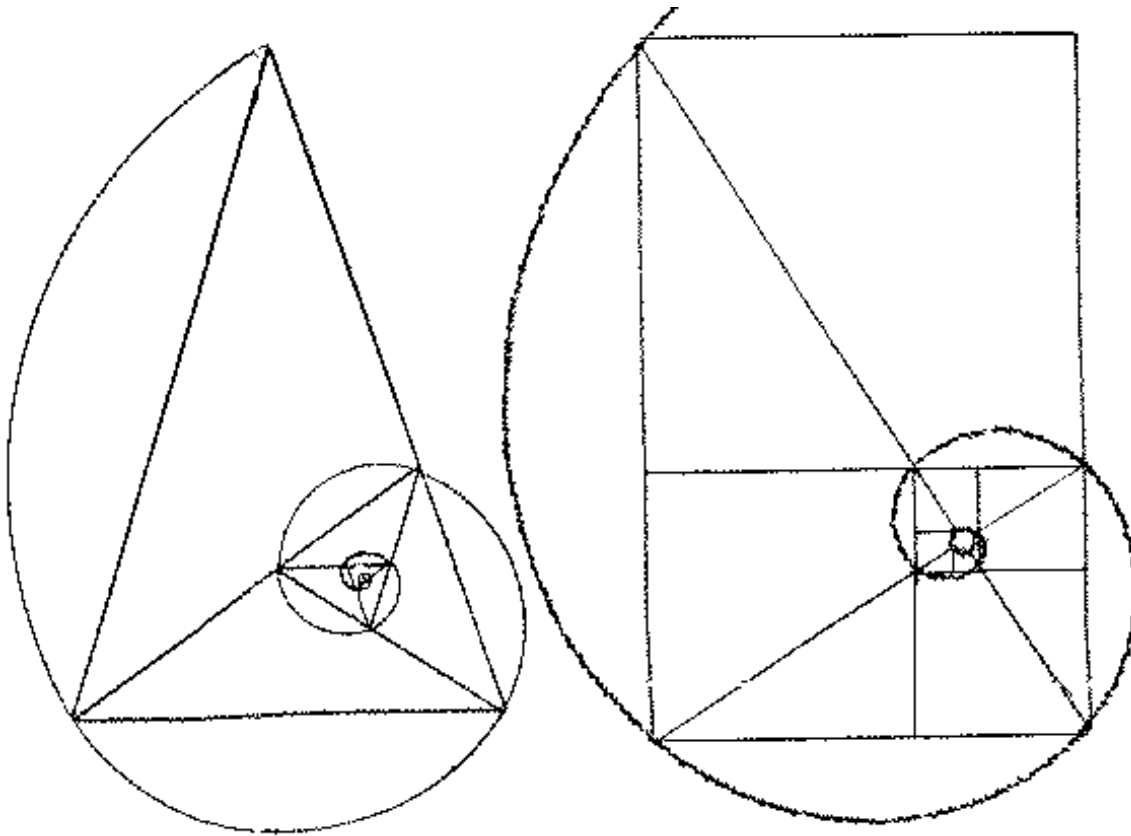
Fortunately, nature does have ONE natural way of making a map of the surface of a donut.. It comes from a very old problem of making maps, where you want to have as many countries all touching each other on the map as possible:

So the problem is to get as much touching happening as possible, on our surface map. If we draw triangles, we can get 3 friendly countries all touching on our map...

**TRIANGLES make
a friendly way to
get 3 countries to
touch each other
all at once..**

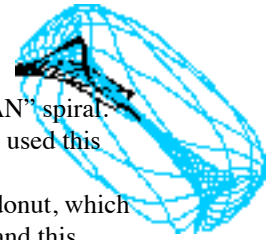


Of course, if we draw our triangles along a spiral, then the pattern of touching can just keep on going...



3 countries touching along a spiral path
“Spiraling Triangles”

4 countries touching along the same spiral
“Spiraling Squares”



This exact spiral is so special it has its' own name. It is called the "GOLDEN MEAN" spiral. This name is very nice because it does have a golden meaning. Dorothy for example used this same golden spiral to get to the Emerald City. She called it a "yellow brick road".

In fact, the GOLDEN MEAN would probably be the only other thing besides the donut, which would occur naturally in a world made ONLY of waves. You and I need to understand this important number which is called a RATIO; it is always only a RELATIONSHIP between others, nothing by itself. (Sound familiar?)

This GOLDEN MEAN is also called PHI (pronounced FIE). It occurs naturally because waves nest or INTERFERE with each other in a predictable way. Every time you get two different waves to focus at a point they interfere or beat there together. They send out waves which are the product of their beat or interference. Scientists call these children of waves: HETERODYNES (this word means the other of two). The length of the waves which come out when two parent waves beat are the ADDITION and the MULTIPLICATION of the parent two waves. Guess which pattern is the ONLY pattern in the universe which both includes ADDING and MULTIPLYING? Right you are, the GOLDEN MEAN:::

.
.
.
.618...
1.000
1.618...
2.618...
.
.
.

This series of numbers goes on forever, bigger and littler. Take any number in the series times 1.618... and you get the next number. Multitpying works! Take and number in the series ADDED to the next number, and you get the following number. Adding works!

This pattern is called the golden mean. I call it PHI-cycle. It is the BEST PATTERN for waves to nest in, so that they don't interfere with each other and cancel out their memories. When we draw this pattern or ratio as a spiral it does the best job of connecting just about anything.... it nests triangles, squares, pentagrams.... When we connect the pentagrams (5 sided things), we make a solid figure which is the dodeca-hedron we saw above. This is the perfect home for golden mean spirals. AND the dodecadron will become the pattern for DNA, the grid around Earth, and with its 12 faces: the zodiac itself! In a famous book on "sacred" geometry by John Michell, it is the shape of the City of Revelation.

But let's not get ahead of our story. We found that the GOLDEN MEAN happens naturally when waves try to nest at their best, with nothing else but themselves to play with! Then the GOLDEN MEAN uses the 7 donut icosahedron and the 5 donut dodecahedron to make the only other naturally occuring numbers: PI and e. (GOLDEN MEAN or $\text{PHI} = 7/5 \text{ PI} / e$.)

These 3 numbers pop out of the universe all by themselves!

PHI (The Golden Mean 1.618033989.....)

PI (The Ratio of A Circle to its Diameter 3.1415927.....)

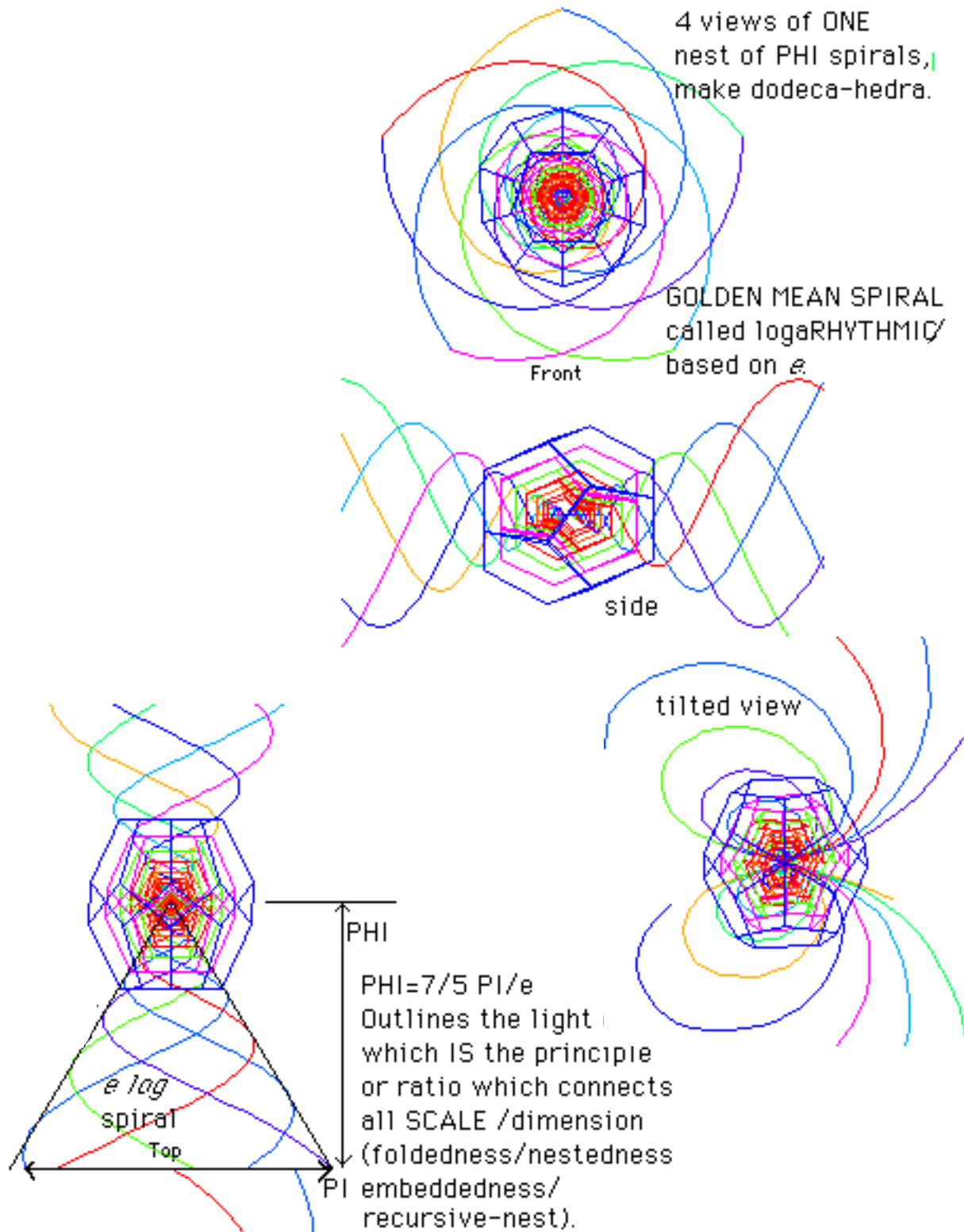
e (The base of "The Natural Log" which is kind of the natural path for growth! 2.71828182846..)

A very wonderful group of scientists called "The Fun-damental Physicists" say that all of the scientific constant numbers can be built starting from just these NATURALLY occurring numbers. Now we see that even these numbers are built on each other.

Let's try to draw a picture of this idea, using the GOLDEN MEAN SPIRAL....

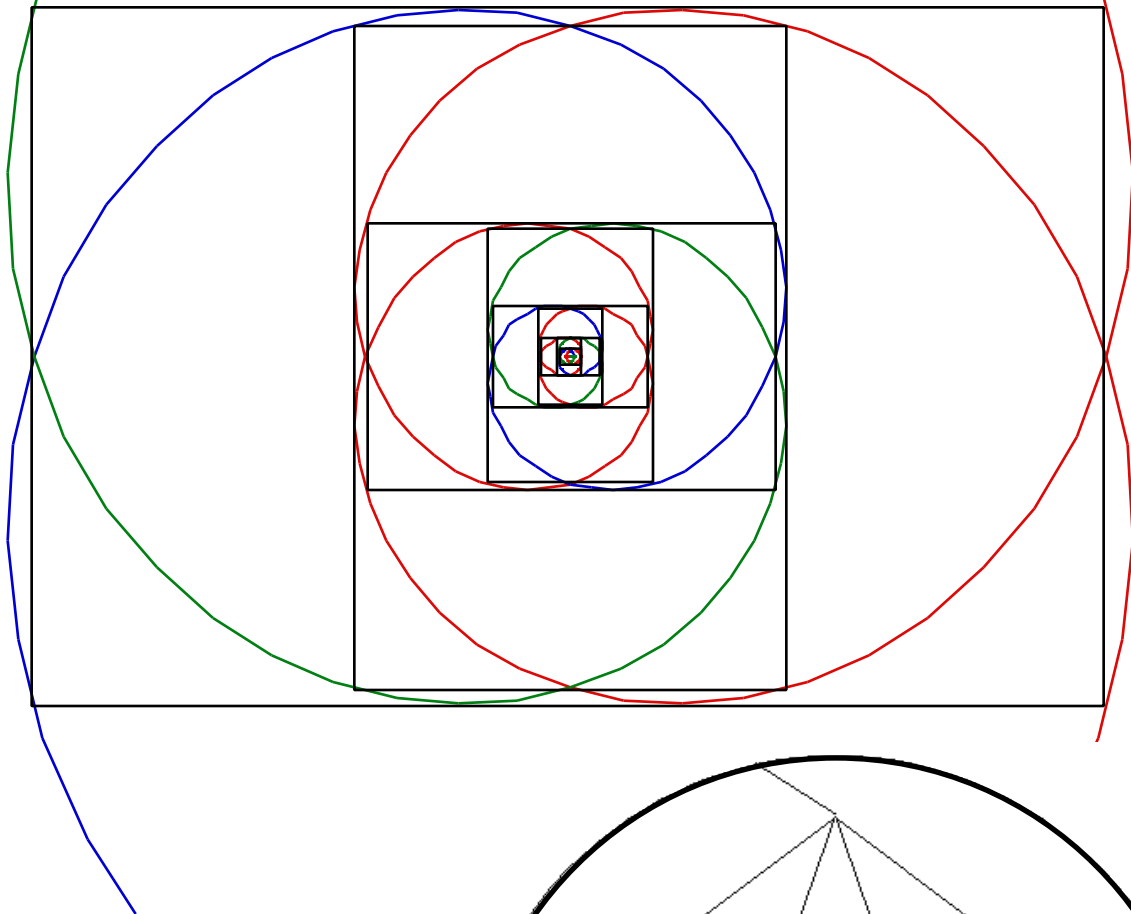
On the top see the top down view of 10 of these GOLDEN MEAN spirals.
 We have drawn the spirals down a light cone in such a way that they nest Dodecahedron inside each other. We have a Star Mother kit which builds this forever continuing nest. Later in the Bible this is called a "Merkabbah" vehicle.

The important thing is that a particular shape of light cone, based on the Golden Mean, permits regular shapes to NEST at their BEST. This is the way light holds matter in IT'S nest!



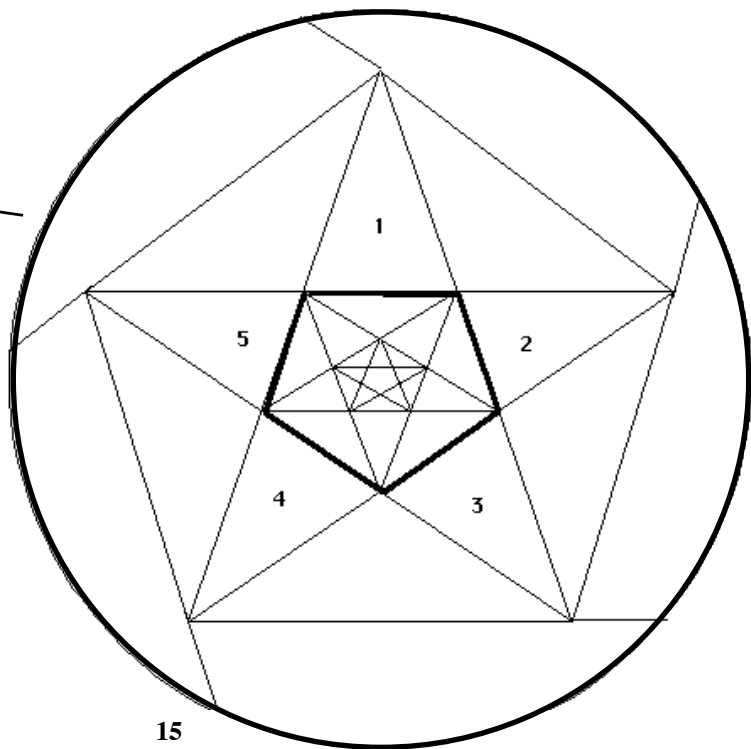
Four of these golden mean spirals, create a picture that looks a little bit like an “eye”, called a “vesica”...

This is just a different way of drawing our “Spiraling Squares” picture.

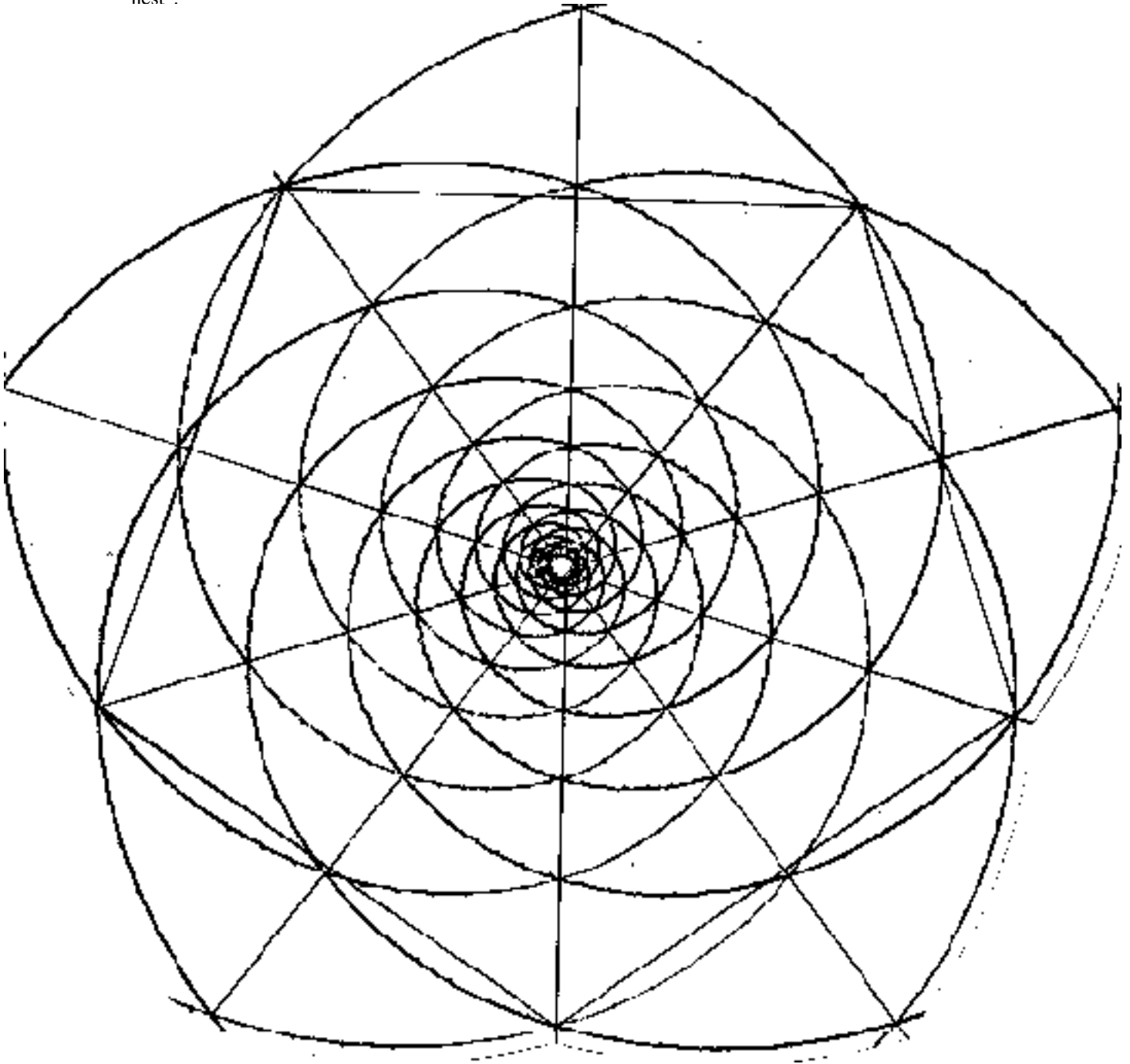


The next pattern we need to continue our map edge touching problem is the FIVE pattern:

The five sided figures called “pentagrams”, (“pent” means five.) allow five friendly countries to touch...



And notice that our same golden mean spirals will connect all of these pentagrams in their "nest":



This is another drawing of the top view of the nested DODECA-hedron. Later we'll see that this is also a top view of something in the cells of your body called DNA. It is also the shape of the energy field around the Earth called: "The Grid". It even appears to be the dodeca-hedron shape of the 12 faced star map called the "Zodiac"!

Let's try to draw a picture here of how all this 5 sided, GOLDEN MEAN, and DODECA-hedron nesting works..... The DODECA-hedron would makes DNA (the stuff which remembers how to make people and biology inside living cells). Notice below that this same spiral strip is the view from the top of the spiral stairway of "DNA".

Scientists call this DNA shape a wratched dodeca-hedron. Wratching is just another name for dancing along a pattern (like a braided helix or spiral stair), and stopping in time to the beat.



MANY WAYS TO SPIN, THE VIEWS OF DNA.

**TEN SPIRALS OF THE GOLDEN MEAN,
AN INFINITE NEST OF PENTAGRAMS,
AND DNA SEEN FROM ABOVE.**

FRACTAL/SELF/REFLECTIVE

**VERTICAL INCREMENT
OF TURN=PHI (GOLDEN MN)
HORIZONTAL INCRMNT=PHI²
RADIUS OF TURN=PHI³
REF ANN TYNG & COXETER
DNA CONSERVES WAVE LENGTH,
AREA & VOLUME.**

LENGTH=PHI, AREA=PHI²

VOLUME=PHI³

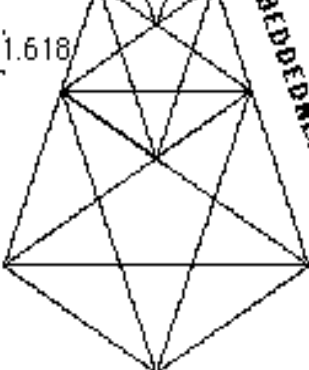
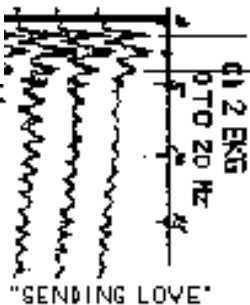
**SPIRALING
CUBES,
CONSERVE ALL
FACETS OF
SHAPE ALONG
ONE PATH.**

**THE SAME
SPIRAL**

**SOURCE OF
VESICA/
"EYE OF GOD"**

**INFINITE RECURSION
SELF EMBEDDEDNESS**

HEART SPECTRA



**DOUBLE HELIX, DNA TRACE
SHADOW OF WRATCHETING
DODECAHEDRA.
CUBE IS 3 SPIN SPACE
DODECA IS 4TH SPIN OF CUBE,**

**DNA DODEC WRATCHET
IS 5TH SPIN (DIMENSION)
BRAID OF DNA IS 6TH
BRAID OF BRAID=7TH
(LONG WAY OF EMOTION).**

This genetic light wratchet is the shape that does all the remembering for living things. By shaping the turn angle of the stairway, this braided form is the master switcher in getting the keys and locks to into the right places on this braided lovers pony tail called "The Gene". Later you may learn about how by putting your feelings "in order", you actually choose how to braid your DNA! This is because when you hug your mother, you do it just right to send wave RATIO's right down into her DNA. This is called "programming" the cells in your body to make shapes according to your feelings. It is how this spiral braid lines up the instructions along its way, that programs how it cooks up the things that make a cell in your body. The shape of the long wave of your emotion, or feeling, parades along by braid into the short wave of your cell's workings. Scientists call this way for long waves to get down and nest among short waves a "CASCADE". (It's almost the same thing as HETERodyne or Beat Note Pattern.)

The important thing to realize is that every time you feel love or anger waving through your body, you are choosing how to program (or weave) the braid inside your cells!

Later you will study you this same weaving process puts "gate-locking" order into cell walls called membranes, and into our planet's skin.... called "The Grid".

For now, just remember that how you hold your feelings together is VERY important, for your gentle feelings are the GLUE (or Yoga), which keeps light and everything from falling apart. Dreaming and "feeling" are a Never Ending Story. Woven all together, they nest our memories safely away from crumbling into "the nothing"

The previous page is a picture of some of the ways feeling waves get braided into memories... All of these are GOLDEN MEAN little Yellow Brick Road spirals.....

But let's not forget the problem we were working on. We got the map shape right to touch 5 countries using the GOLDEN MEAN. Drawing a shape that touches 6 is next.....

We want our countries on our map to be even friendlier, the "HEXagram" touches 6:

The six sided figure in the middle is a hexagram. (You guessed it already, that "hex" means six.)

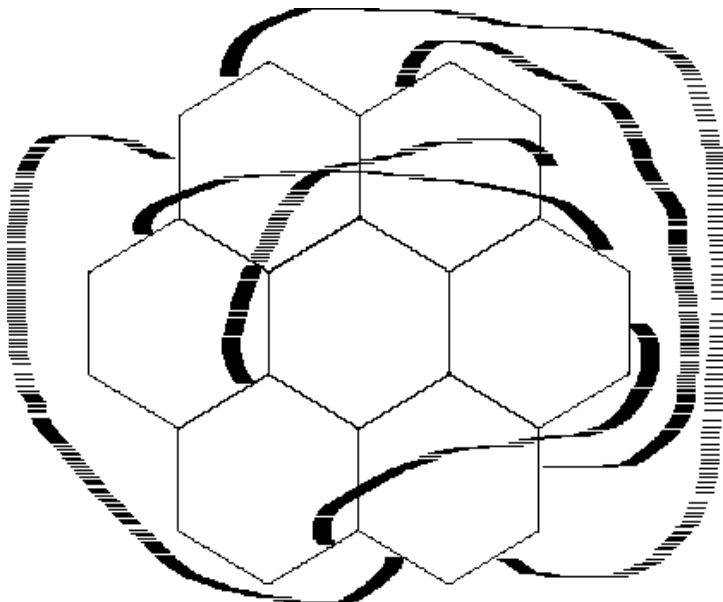


But how are we going to get SEVEN friendly countries to touch each other on our map?!

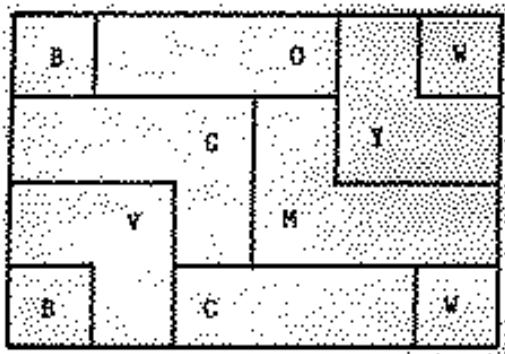
And how are we going to connect these six and seven regions or countries with our favorite golden mean spiral??

Well fortunately for us our trusty donut can solve BOTH of these problems for us.

First notice that if we could wrap our map back around itself we could get more countries to touch on the map... Can 7 countries or regions all touching each other?

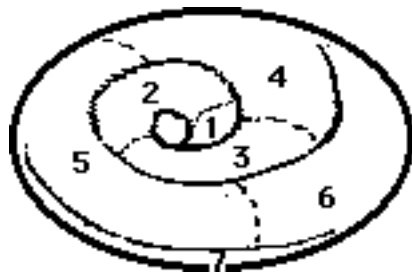


Notice that the folding around the back, is beginning to feel like what a donut does. The strips around the sides in this picture suggest connections between countries on the map made by folding the strip back around itself. In this way we got 7 countries touching. If these were 7 colors on a prettier donut, we could call it a RAINBOW connection!

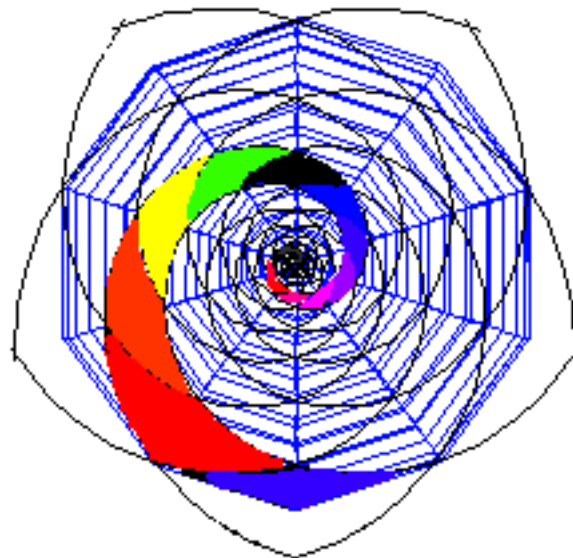


It might be easier to picture in your mind this way...

The letters stand for the colors of the rainbow, with black and white at the corners. See how right left and up down folding seem to be like what you would need to do if you could make a donut out of a piece of paper.



The top view is the same golden spiral map.



7 Regions on the donut.

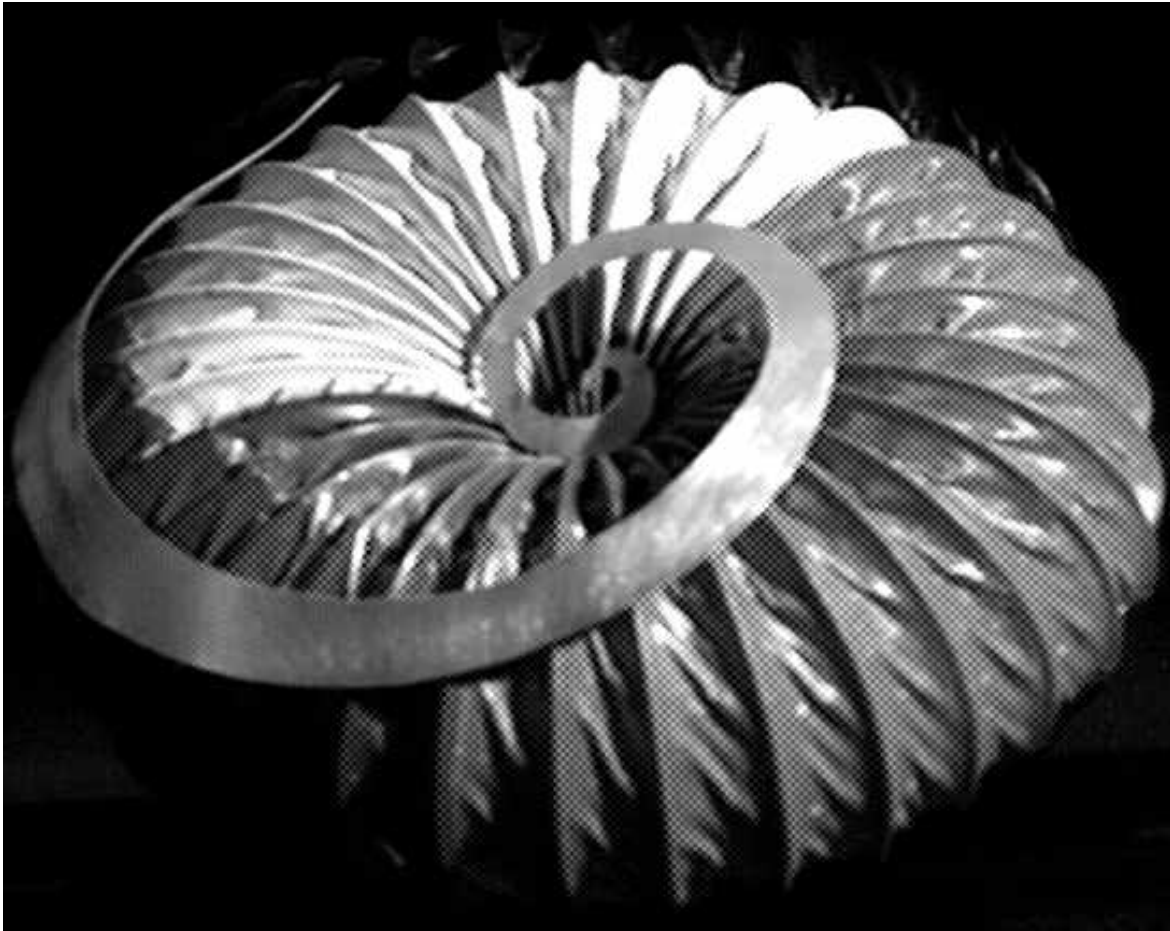
And well, sure enough if we wrap seven regions around our donut, we can get each and all of them to touch each other! A 7 color donut...., the real rainbow connection

And further, the golden mean spiral trace their boundaries!..

So what we've done is said the universe as a big wave puddle comes up with the donut as the only way to survive. Then the waves come up with the GOLDEN MEAN, as the only way to interfere with each other CONSTRUCTIVELY. So, pulling our universal selves up by our own bootstraps, we divide or sample (scientists call this quantizing the continuum) the donut WITH THE GOLDEN SPIRAL, to solve the seven color map problem.

It's OK for you to start getting excited now, because you're right again, we're getting close to the origin of the alphabet....

— — Now look again at how this spiral gets the best map off the donut



Notice how views of this sample spiral off the donut, seem like pieces of the alphabet!?

Spiral of the Golden Mean
laid upon or sampling the donut..



top view,
it looks like a simple spiral
on a plane.



side view

front view

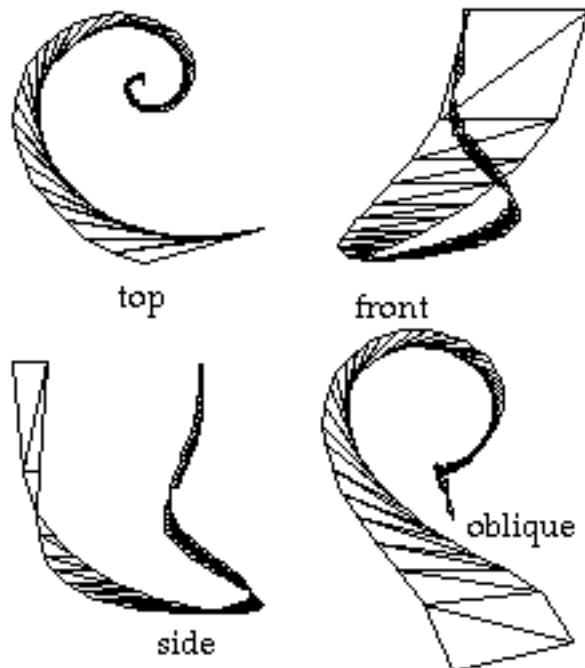


oblique view



shades of the letter P or R ?

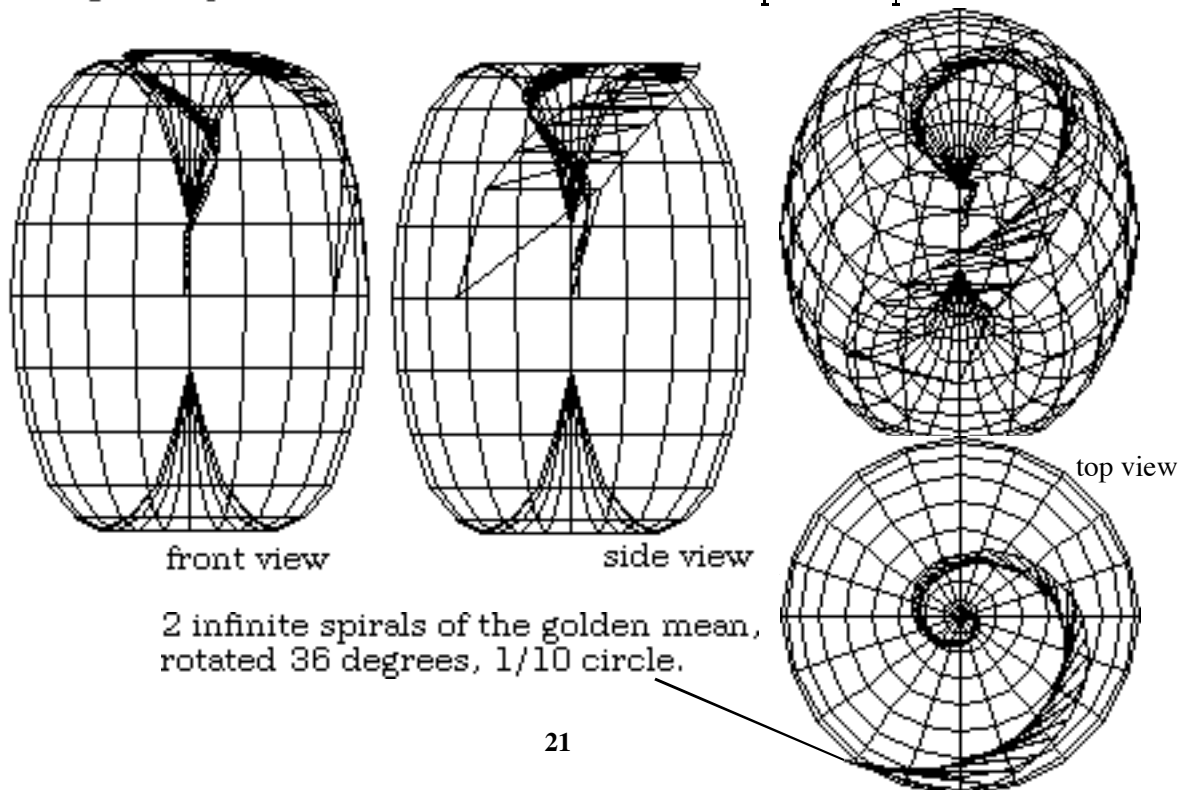
Revolving that golden mean spiral 1/10 circle,
upon the donut creates a 3D "flame letter" strip

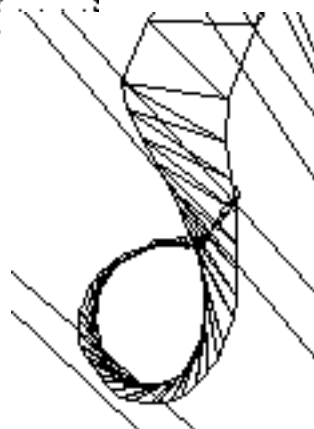
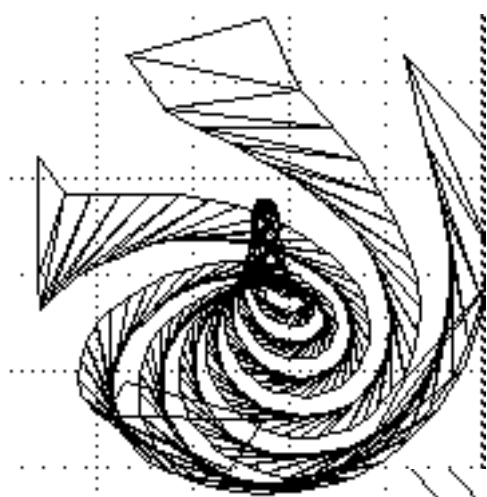
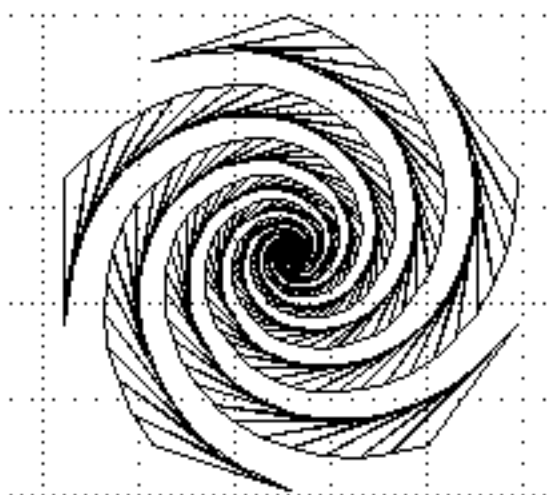


Now, having laid this spiral on the donut, we seem to have a good handle on how this donut tilts!
Notice how this donut is like "Adam's" apple..

4 Simultaneous Views or faces or phases
of Adams primal apple or donut torus domain.
This sample or **bite**, cast shadows from 3D to 2D
(map between dimensions)
making the alphabet.

oblique viewpoint





Now, another way to lay this 7 color or country, map from the donut, onto a flat piece of paper is this:



This flat record of the 7 strip off the donut is called “Labyrinth”. It was danced upon by ancient peoples called Minoans and Cretans. By re-membling in a dance the 7 turns necessary to slip-knot light donuts into matter, they were learning the path of focus into and out of matter. This body learning of the way through the gates between light as “node” or bubble or donut or circle or “matter”, instead of light as wave or line or “energy”.

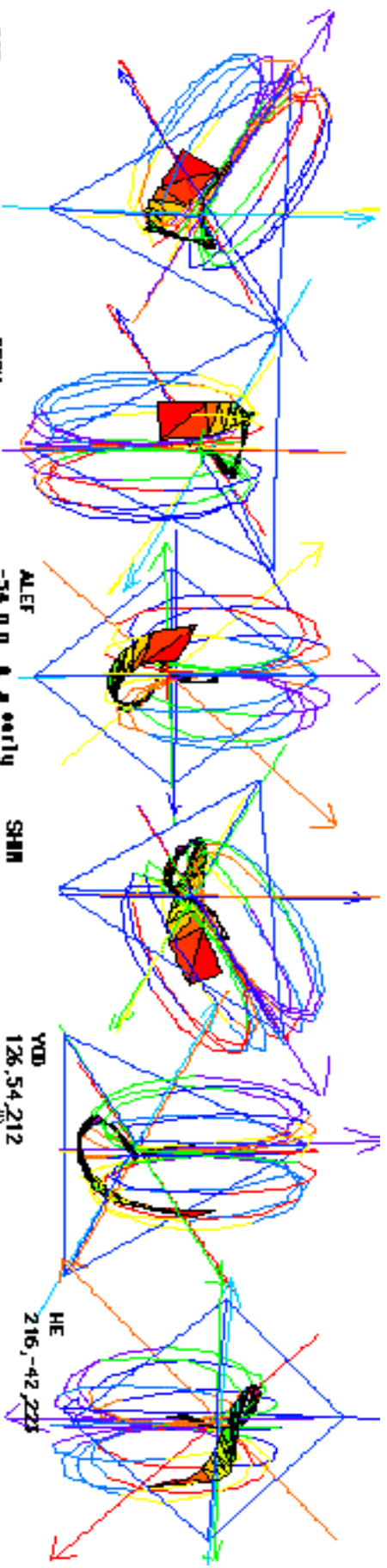
Since light makes these folds called matter donuts when it crosses itself, this dance on the labyrinth is:
a way to get up off your cross and follow (sum ONE).

...

So we lay out the first verse of Genesis on 7 turns around the donut/labyrinth, to get our pattern.... The letters themselves are different viewpoints of ONE form, according to where you are on the donut, to look at the flame letter strip!

The 7 layer strip that folds back around itself. We have laid the first verse of Genesis “At First In Principle” on the map...
See the graphic next page, first verse of Genesis: “In the Beginning”, Beraeshith

These first letters of the Torah form their natural symmetry (mirror like images of each other).. groups when laid out in order around the 7 layer strip map of the Donut!
Actually the amount of tilt around the donut to make each letter in sequence to say the first verse of Genesis “turns out” to be the sequence of views which would allow you to turn yourself inside out.... slip knot... without losing focus on center.



BET
120, -55, 214

RESH
-60, 51, 25

ALEF
-34, 0, 0

SHIN
72, 0, 120

YOD
126, 54, 212

HE
216, -42, 223



early
form
= B

BETH
= B
CURRENT
FORM

early
written
form
= A

RESH
= R
HEAD
current
form
= A

SHIN
= 5, 5H

YOD
= Y

HE
= H

BERAESHITH... (The first word of Genesis):

"in the beginning.."

or more correctly: "at first in principle.."



(Beginning of the Bible in Hebrew)

Here, by simply starting at the outside of the donut and walking toward the inside (turning inside out) what we see looking straight to center through our feet, as the strip changes via wpoints, ARE the letters of the first word of Genesis! Beraeshith: at first in principle. The principle of the beginning of "thingness" IS the principle of folding or turning inside out!

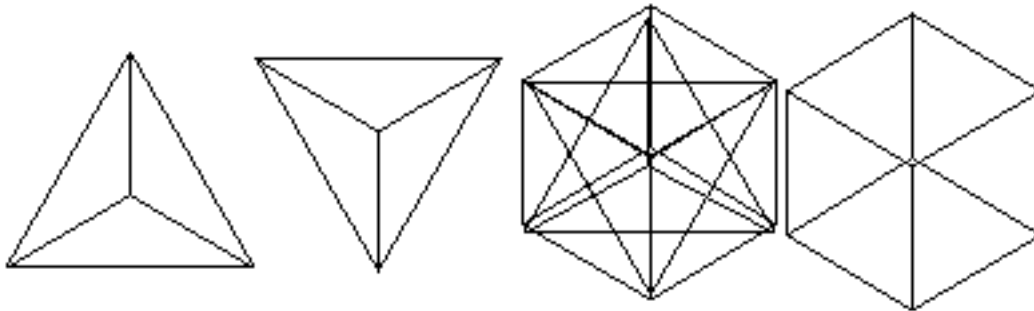
You might say, well how do we know just how much to tilt that little strip to get to each next letter of our alpha-bet of symmetry? The clue is just how much to tilt the TETRA-hedron to get all the other regular solids.



Using the “tetra hedra” (4 faced) figure to keep track of the spinning donut strip making Hebrew, all the rows of letters lined up with the center could be mirror images of one another.

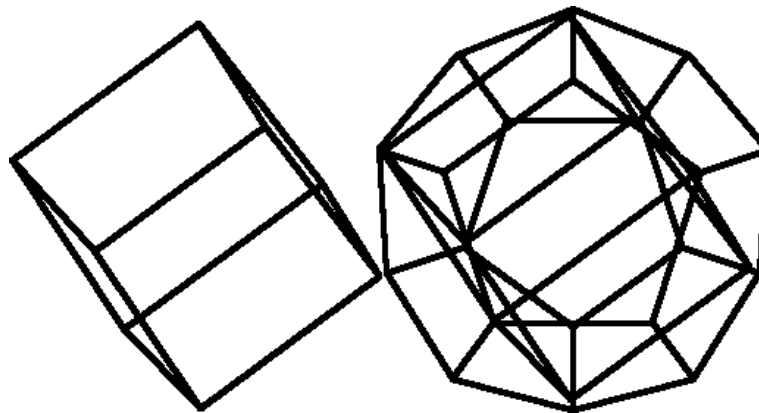
Now, this seems like a square way to view a very round donut. Of course squares in flat “land” are cubes in REAL life. AND cubes are made of two four pointed things called tetrahedron..

Two “tetrahedron”inside one cube.....



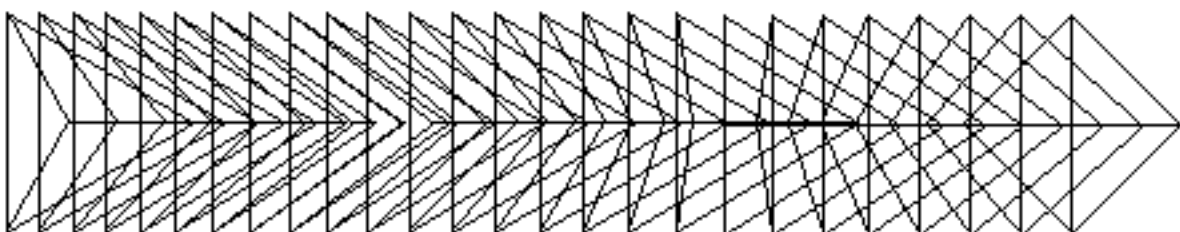
Well, this four pointed tetrahedron can be nested around to make every other regular solid shape, even the icsoahedron and dodecahedron shapes we saw made out of vortex donuts above.

Here the cubes made of tetrahedron, nest around a common center... to make a DODECAhedron.
remember $2+10=12$, do=2, dec=10, dodeca=12 faces..



AND, now for the most magic part:

since the tetrahedron builds just about everything, it seems like a good shape to use to remember how donuts nest. In fact the tetrahedron has the most mirror faces (symmetry) of any shape we know. (7 different ways to spin on a center pivot).



The spiral strip “flame letter” we laid on the donut, has no two mirror faces at all! This means that every angle you look at it from, always looks different!

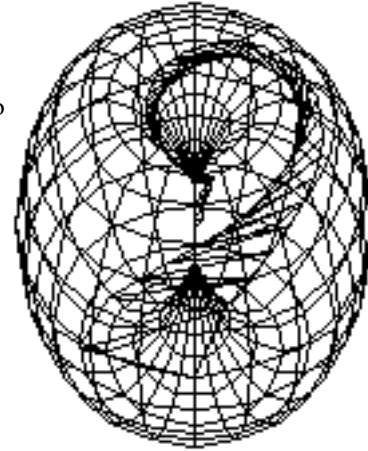
So we take the most look alike faced shape in the universe: the tetrahedron. It becomes like a “tent” in which to meet. The spiral strip we peeled off our donut becomes the “flame”.

Putting the “flame” in the meeting “tent”, we can keep track of its spinning. (See next page) We call it “flame” letter because it is the element of light or flame which permits light to bubble, burn or stand as flame, in nest. “El” means phase (face) shift.... or tilt.

Knowing where we are when we spin donuts seems to be the key to nesting light bubbles into matter.

In fact, it works so good keeping track of the tilting donut this way, we call the shadows of the strip (seen from the tetrahedrons faces).. Sacred Alphabet!!

(What a powerful way to keep our focus centered as we spin.)



Now Aaron, you may ask why was it so important for us to remember how to move our attention around the surface of a donut? Why did our tradition preserve this information so carefully? Why was our whole family formed around this precious language?

Of course most of the answers to these questions will be fun to find out for yourself. However, I would like to leave you with another clue.

We have seen that flowing around a vortex donut is the only way the universe has to remember... anything. And the center of the donut is what keeps it spinning and nesting and remembering.

Our world is made of squishy jello, that remembers according to the shape of the wave of touch. This means you remember how it feels to be hugged by your mother, when you keep that wave flowing through your center, your heart. Your membrane (your skin) has only waves of shape to record who you are, as a memory of being touched.

In a universe made of squishy stuff, only FOCUS keeps the waves going around a center that holds them. Creating in this universe, is really the matter of keeping these donuts nested or focused.

Focus is the only power needed to create in our universe made of wave. Your attention is that wonderful power. Keep your attention together on the faces of ONE donut, and you will remember ALL of them in that ONE.

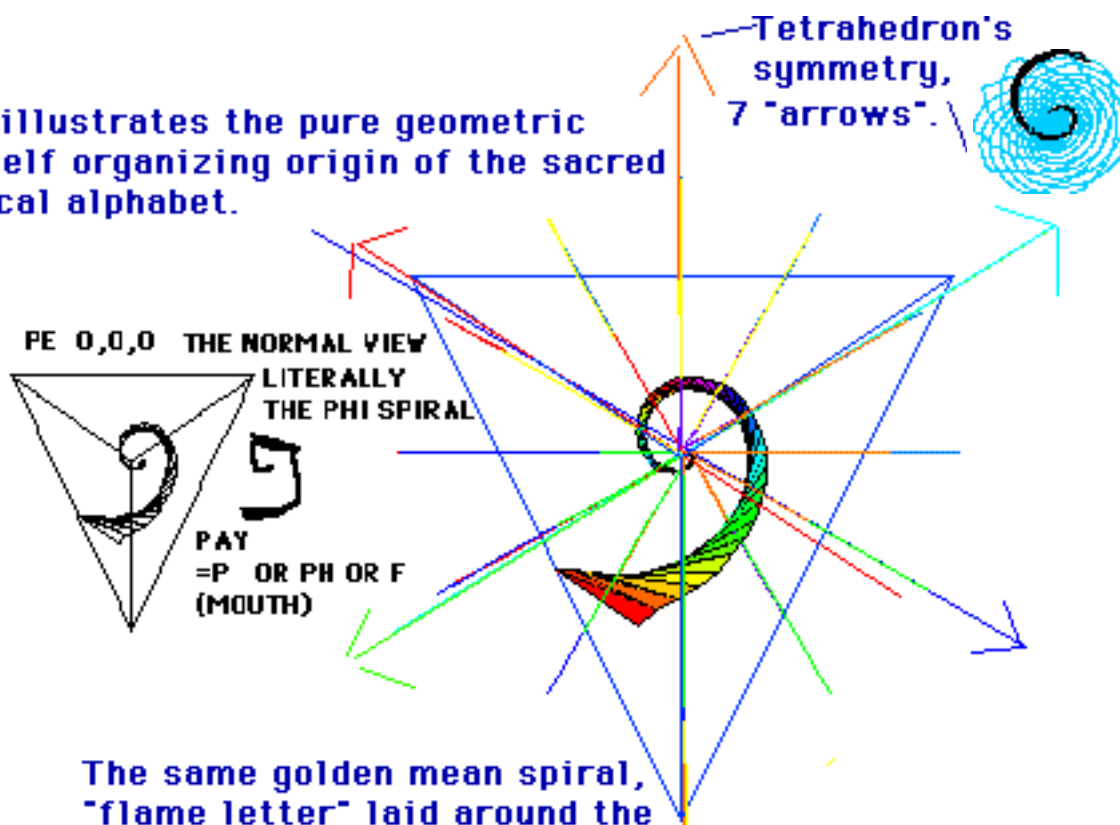
Assembling many views, many faces into ONE, is called “consumed perspective”. This is what our country’s founders meant by “E Pluribus Unum”... “From many, ONE”.

Remember what you now have assembled in your mind. By blinking in time like lightening lighting up a hummingbird’s wing, Hebrew’s different faces suddenly became the faces of just ONE spinning form.

Slip knot, through this Rainbow Connection Aaron!

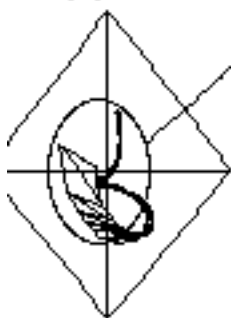
Your Friend, Dan.

This illustrates the pure geometric and self organizing origin of the sacred biblical alphabet.

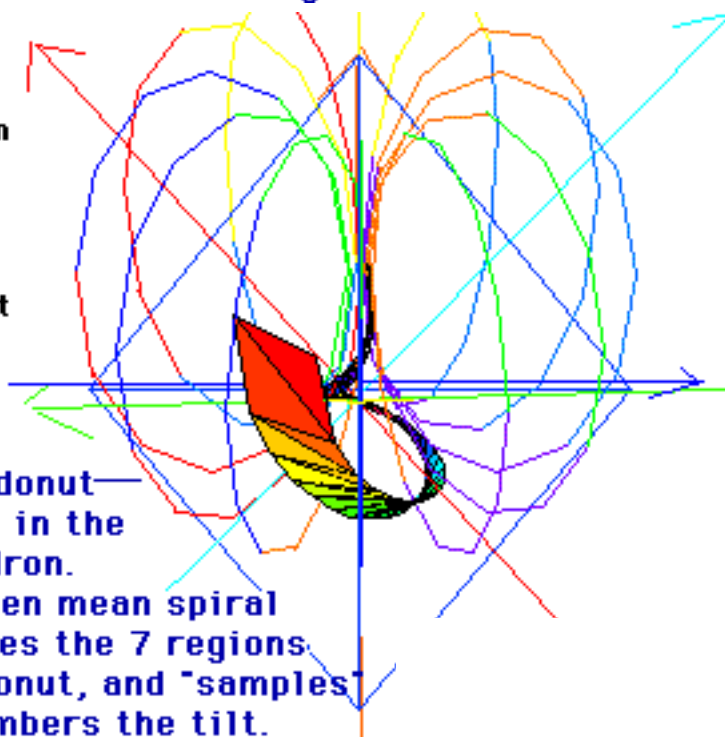


The same golden mean spiral, "flame letter" laid around the primal torus donut, is indexed by the spin of the tetrahedron "meeting tent".

ALEF
-54,0,0



early written form =A Aleph
current form



The resultant shadows in "flatland" from the next (spin) dimension, are the sacred or timeless alphabet elements of symmetry, for cooking up matter out of light donuts.

Bet 117,-54,216



early
form
=B
BETH
CURRENT
FORM



Gimel -63,54,144



GIMEL
=G



Different views of the same golden mean strip or flame letter, indexed (or phase locked) according to the symmetry of the tetrahedron. Super 3D computer projections. (the 3 numbers over each picture are the relative x,y,& z coordinates of the relative viewpoint.) Perspectives to be consumed, of 1 torus..a torah.



ZAYN
216,45,135



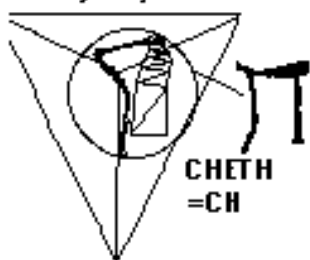
DALET
-60,53,206



ALEF
-54,0,0



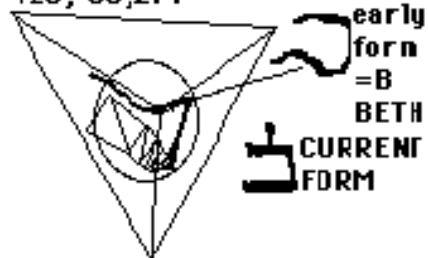
CHET
120,-53,-26
x,y,z
coordinates of
viewpoint



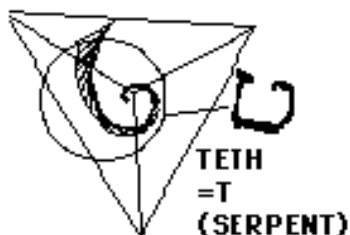
HE
216,-42,223



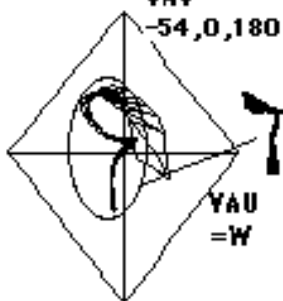
BET
120,-53,214



TET 0,0,240



VAV
-54,0,180

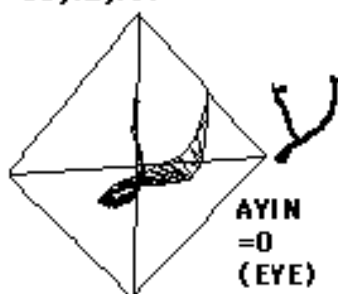


GIMEL
-60,53,145

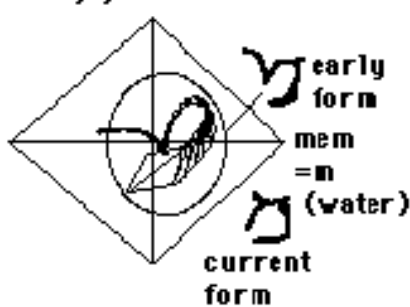


(each letter is faced when the 1 3D flame letter form has tilted until the tetrahedron is symmetrical again.)

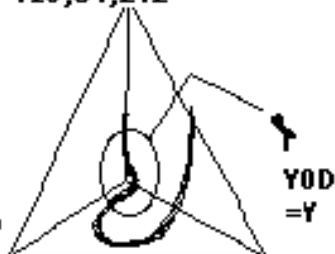
AYIN
36,42,137



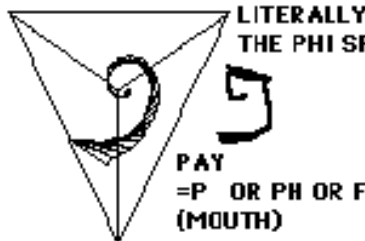
MEM
-54,0,90



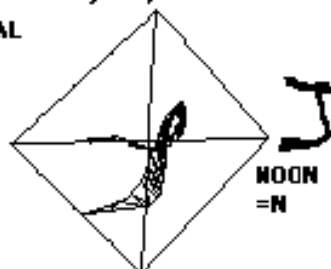
YOD
126,54,212



PE 0,0,0 THE NORMAL VIEW
LITERALLY
THE PHI SPIRAL



NUN
216,-42,133



KAF
-54,-54,25



ZADI
-54,0,-45



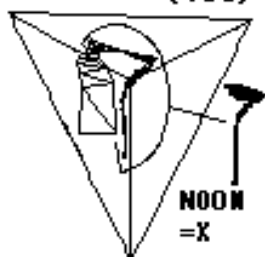
SAMEK
126,0,270



LAMED
36,-45,225



NUN
-60,53,205 FINAL LETTER
(700)



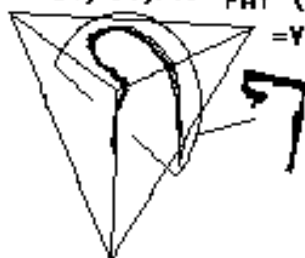
TAV
72,0,-60 simple crossed t
(MEANS:
CROSS)



QOF 252,0,
180



FE (V)
-54,-54,145 FINAL LETTER
PAY (800)



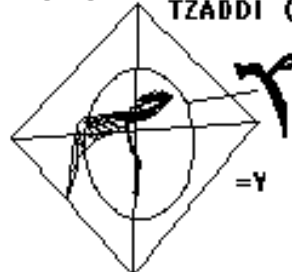
KAF
216,-42,223 FINAL LETTER
KAPH (500)



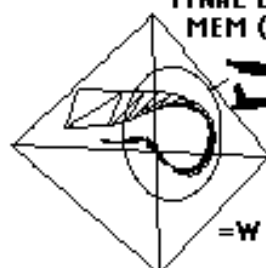
RESH
-60,53,25



ZADI
36,42,-43 FINAL LETTER
TZADDI (900)



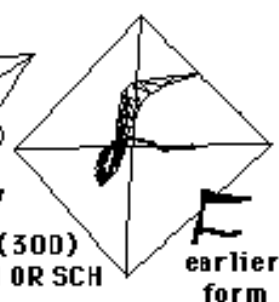
V
216,45,45 FINAL LETTER
MEM (600)

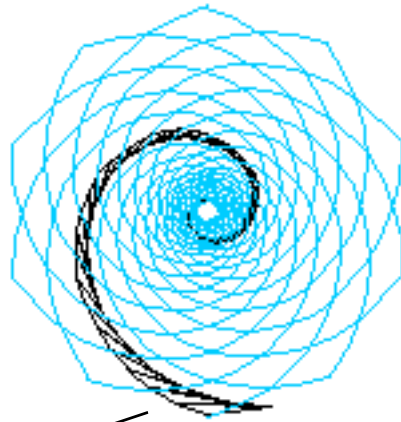


SHIN (ALT)
72,0,120

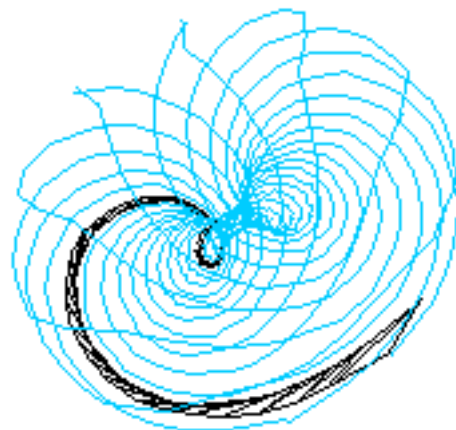
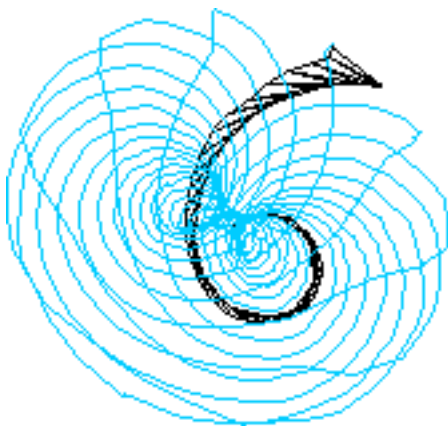
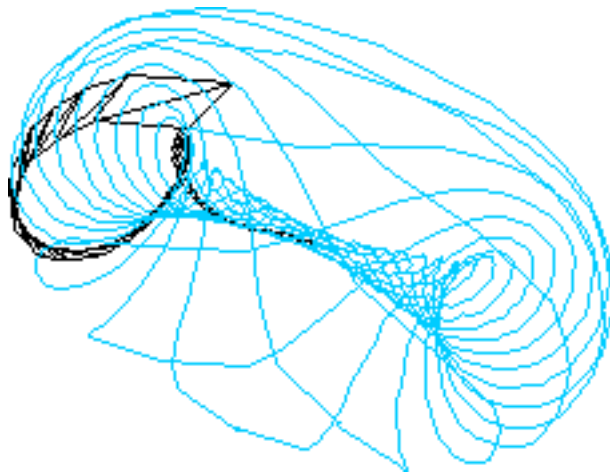


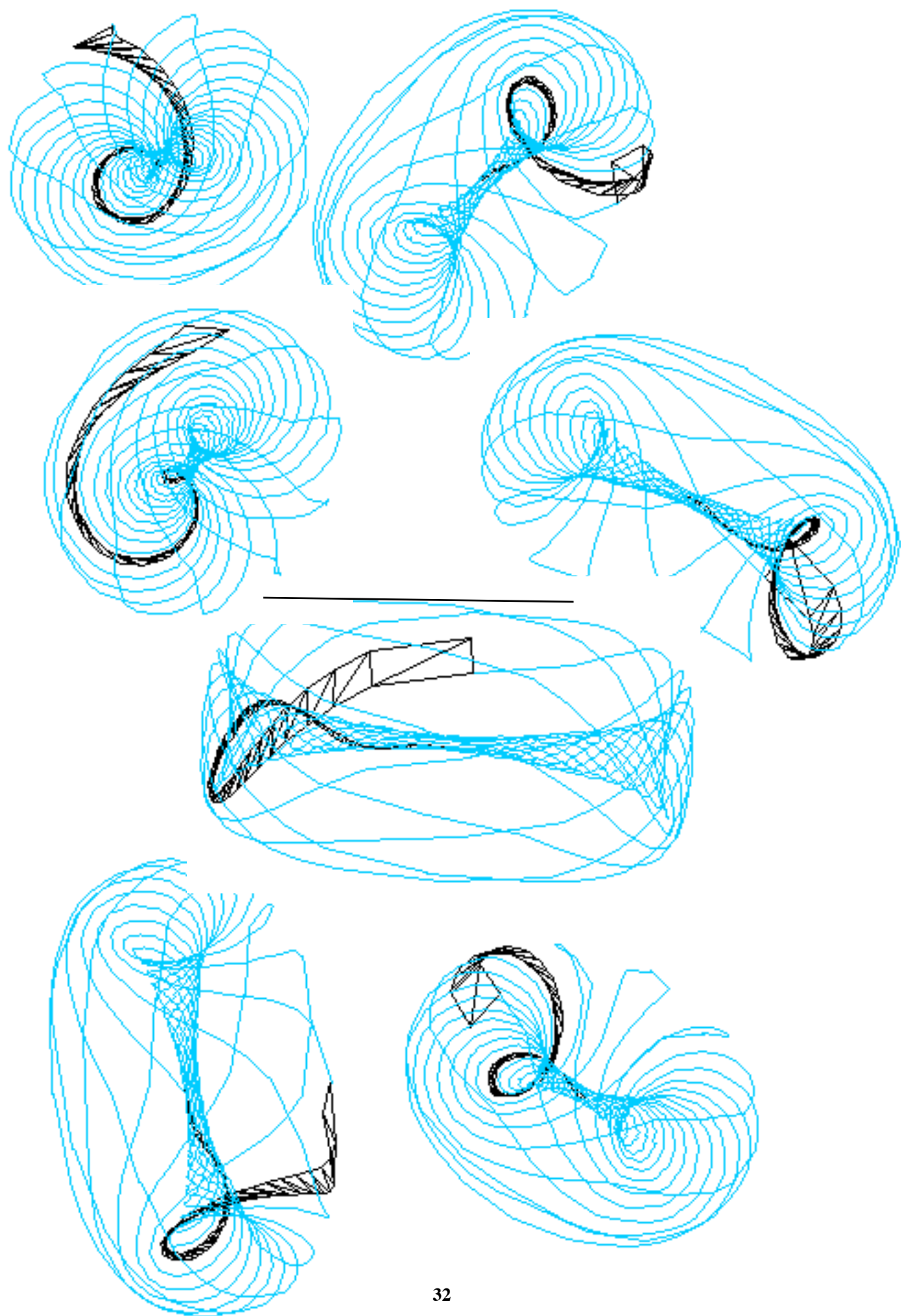
SHIN
216,-42,-47





Simple golden spiral wrapped around donut, top view
other views make an alphabet of symmetry.. angle-ish.





a b c d e f g

There's a little loop formed geometrically above the i, may explain why we dot our i.

h i j k l m n o p

q R r s t u v

Capital R, small r

w x y z



The font, or burning fountain is our abc's..., like a cookie cutter extruding light domain donut bubbles onto membranes.. memory. These are accurate computer projections of the self-organizing golden spiral delineating the self organizing 7 color symmetry map off the self organizing torus. To make our "font", they are just tilted or "phase locked" into the self organizing "alphabet" symmetry.

from hollowgram to whole o gram.. e pluribus unum..., uniting the states?

(This was originally composed for a conference on the WELL -Whole Earth Electronic Link. In the subject area on consciousness, a question was posed about how our individual perceptual realities could ultimately have anything physically linking them, or in a sense.. become ONE).

Consensus process may be illustrated by a story from holographic process. We take a “real” mirror and a magnifying glass, and use them as objects from which to make a hologram. (Record their splash from coherent light onto film, just as if you were making a hologram of a statue.) Then setting aside the “real” objects, you use coherent light to recreate the mirror and magnifying glass objects as an optical hologram.

Then looking into the optical hologram, we notice some peculiar things about how we can use the mirror and magnifying glass within the hologram. Sure enough, the mirror in the hologram works as a mirror, reflecting ONLY other objects INSIDE the hologram. Similarly the magnifying glass in the hologram will magnify other objects IN the hologram. But looking through the same functional magnifying glass inside the hologram, at an object OUTSIDE the hologram, we see nothing.

We should not however conclude that we have discovered the reality limitation, to the liquid crystal hologram of the optical cortex...UNTIL we investigate an important exception to our discovery IF we illuminate objects outside our original hologram, with systematic phase coherent light, exactly locked to the phase of the light we used to make the hologram in the first place, THEN suddenly, voila, the mirror and the magnifying glass INSIDE the hologram now function as tools to process images from OUTSIDE the hologram. Now we may think at first that our language symbol systems do not have the phase discipline to link our collective holograms.

But we should look closely at a pure geometric origin for our perhaps most sacred language.

The fourier transform principle of math and physics demonstrates that all shapes are assembled of ONE shape, the sine wave (in 2 D). Revolving the sine wave into 3D we get a form of the torus donut. Since the symmetry rules of group theory cannot be using different sine waves (there appears to be only one), tilting those donuts into the atomic table clearly resolves to an issue of PHASE angle.

Recording the tilt of the donut into a language symbol set powerful enough to make the symbols an OPERational amplifier, requires a way of recording the tilt of the donut from 3D onto 2D. (a map between dimensions). Tilting whole donuts in 3D leaves shadows or reflections onto 2D which are ambiguous about which tilt or phase produced which shadow.

Interestingly a 1/10 circle golden mean spiral strip SAMPLED off the donut surface produces a flame letter strip, which presents a unique view from ANY perspective. While the sample is complete enough to recreate the form of the whole donut (by revolution), it represents or samples or SYMBOLIZES tilt angle with total uniqueness (asymmetry).

Now tilting this flame letter strip sampled off the archetypal donut to the archetypal phase angles of the FACE angles of the platonic solids, we get a complete useful map. (of the phase angles, labyrinth, necessary to slip knot matter into light).

Conveniently, those shadows also turn out to be the Hebrew alphabet.

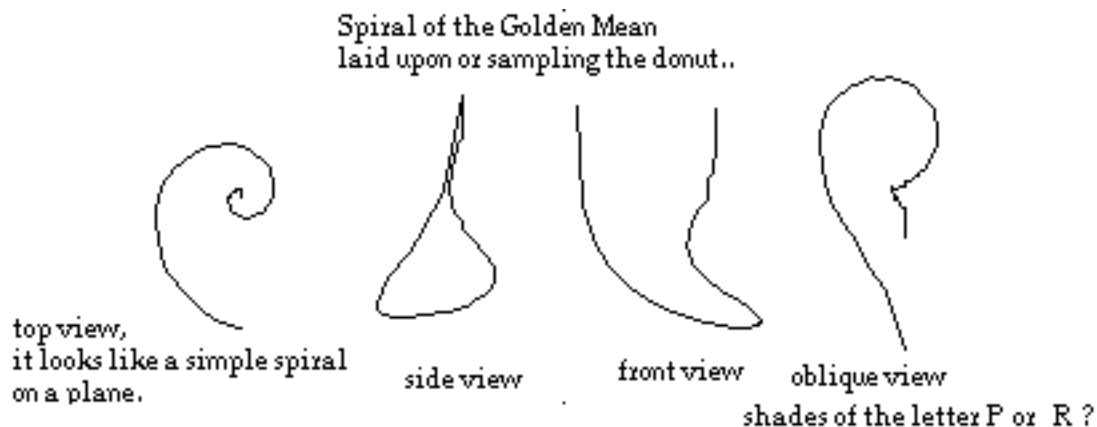
“THE APPLE ALPHABET: CONSUMED PERSPECTIVES... OR ADAM AND EVE’S BYTE”

When Fabre D’Olivet retranslated Genesis by studying the shapes of the letter forms themselves (“Hebraic Tongue Restored”), he transliterated “Eve” to be “Ieve”: word or symbol. He translated Adam (as in Adamic race: the red race) to mean red-making or “hard-making” power.(Moving to the “dense” end of the spectrum). Remythologizing the story of Adam and Eve then, we have the symbol or word (curved & shapely) tempting man (the line or rod) to consume the apple; to learn hard-making power: the making of matter.

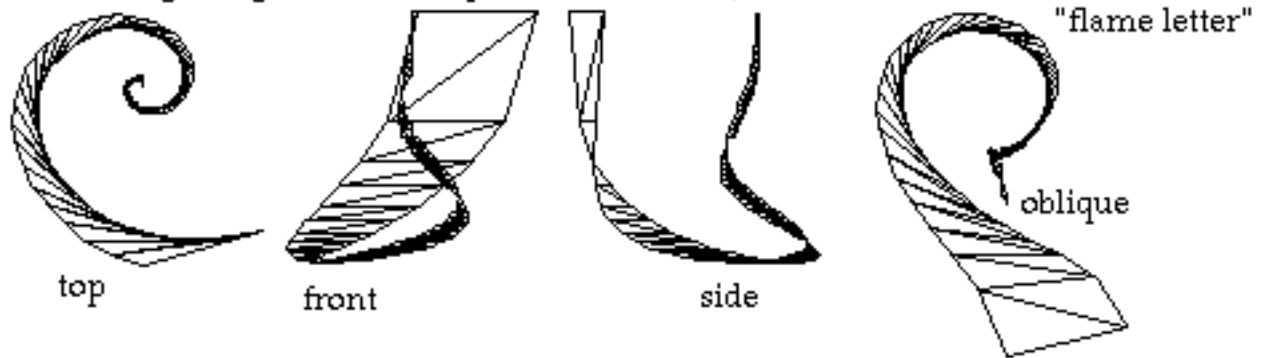
Learning the hard way is not always bad, nor is its’ illusion of separateness (momentum segregated by symmetry.. quantized). In this way of providing the necessary rigor for order to be pressured/interference formed, from disorder, evil serves.

The Fourier transform tells us all shapes are woven of sine waves. Hydrodynamics says if you have only one substance, the primal stable shape is a torus/donut (smoke ring) flowform. (a sine wave spun into 3D). Quantum mechanics and vortex theories agree that cooking up matter is a question of the symmetries or phase angles of primal toroid domain “bubbles”. Thus finding a way to alphabetize the tilt or phase of these donuts is essential to “string-up” the weave of matter out of light. Food for thought. Existing literature had tentatively derived the Hebrew alphabet from shadows of one log spiral strip sample off the donut. In my work with the powerful phycycle significance of the golden mean (.618.., 1.0..,1.618..,2.618...,...) I decided to render the spiral sample using a torus of 1.618 height vs diameter, producing a nice apple, see picture. And I decided to use the particular log spiral which is the spiral of the golden mean. (cf spiraling squares, & pyramid sarcophagus). Further, I chose to use the spacing of 36 degrees between two of these spirals to map this “Flame letter”, because this generates the nested pentagrams in 2D, and nested dodecahedron in 3D. I have mapped this shape extensively to DNA, the Planet Grid, the 12 faced zodiac, and “new Jerusalem”/city of revelation(text:”Planet Heartworks”). 10 spirals of the golden mean thus create at once, the top view of a dodecahedron and DNA, and the shape table of phase angle origin of alpha/bet.

Since the “Flame letter” strip traced off the donut by this spiral apparently has no symmetry, its shadow is an accurate record of it’s angle or phase or tilt. Since the shadows literally make the alphabet, peeling the apple turns out to be a way to consume the perspectives of ONENESS. The implications are wonderful for education, computer language.. and peace..? Imagine Hebrew and Arab children seeing their language letters all from the slowly spinning form of one Flame Letter strip, animated on an Apple. (Both the fruity and computer sense of the term Apple applies here.)

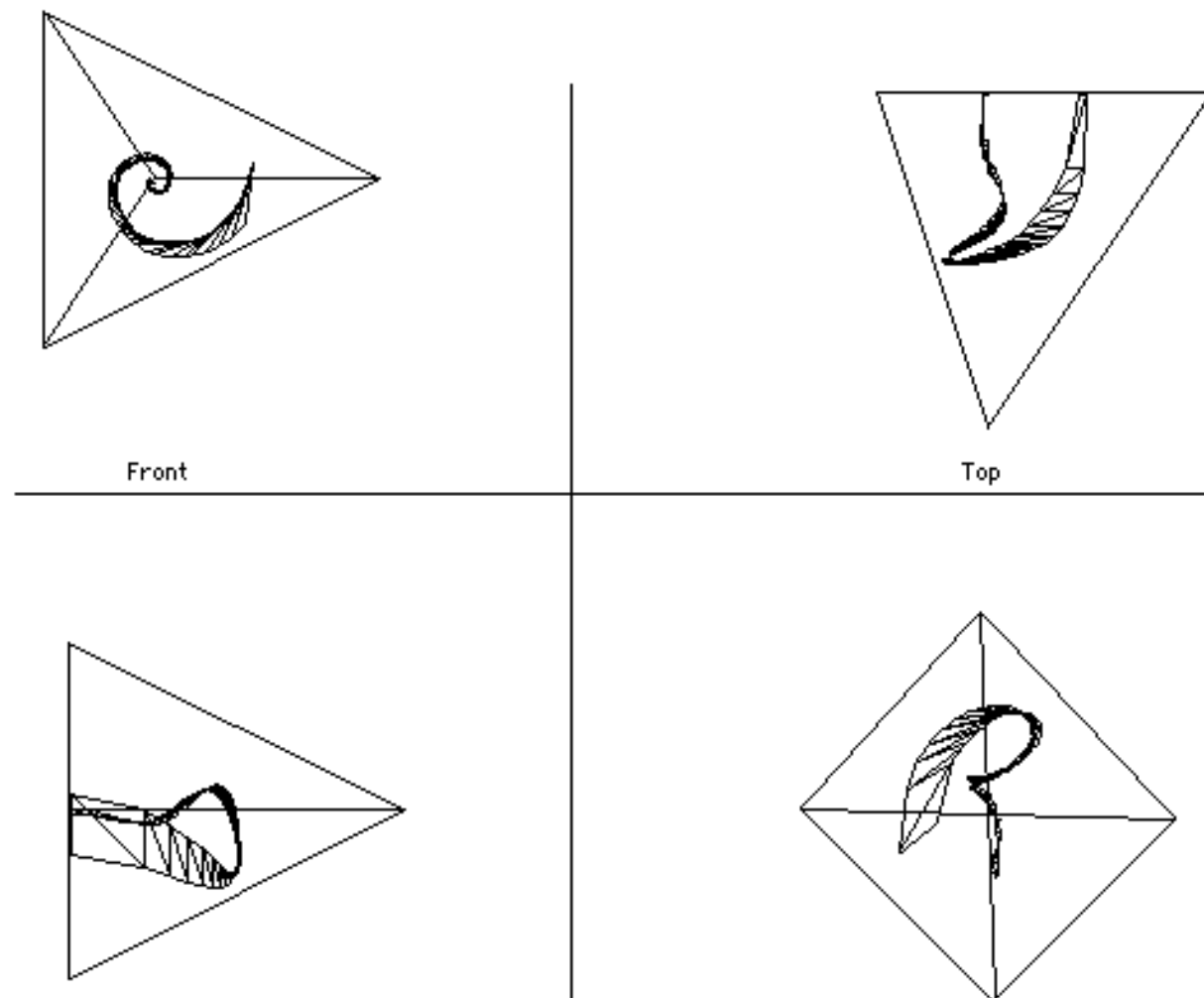


Revolving that golden mean spiral 1/10 circle, upon the donut creates a 3D

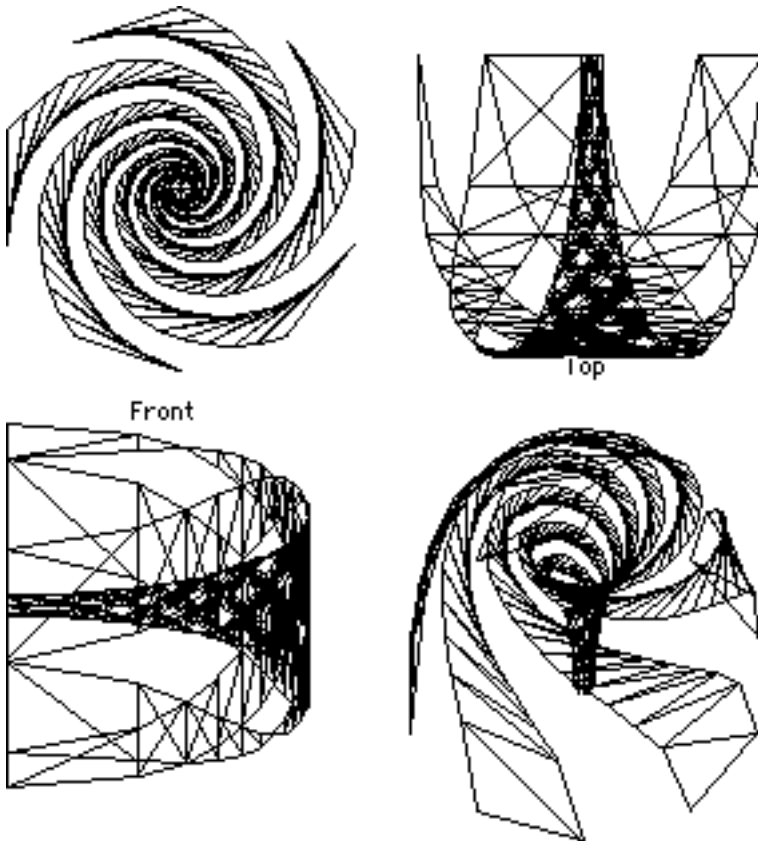


Nesting this sampled "flame letter" strip inside a tetrahedron gives us a way to index/reference or phase lock its various viewpoints. The strip has no symmetry, no self same view points, the tetrahedron has maximum symmetry, maximum self-same viewpoints.

The sum of the symmetry views of the tetrahedron containing this strip, are the Hebrew alphabet. Sacred alphabet is an index for the way to tilt donuts.



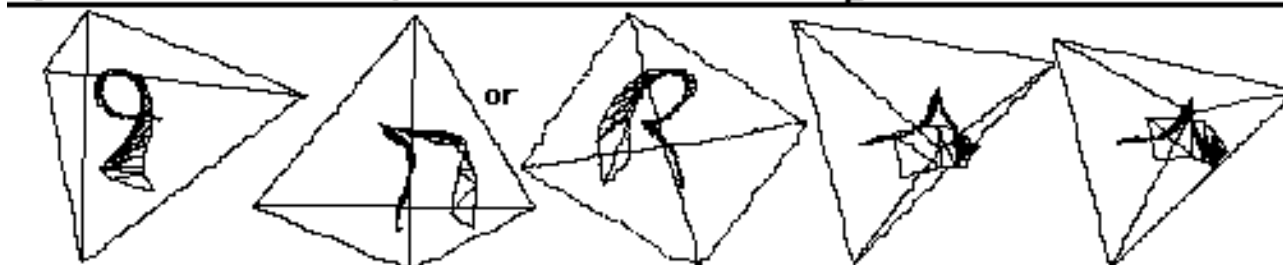
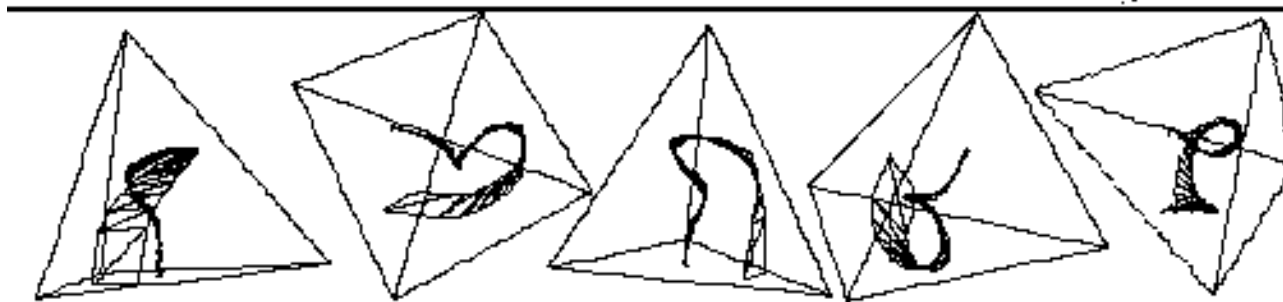
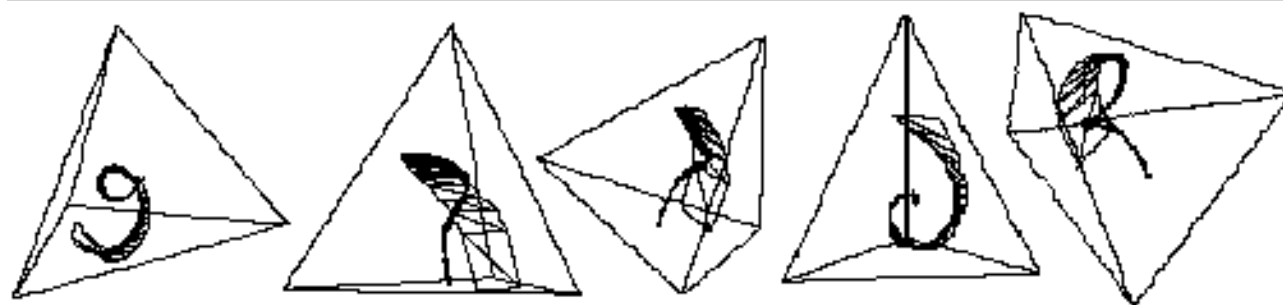
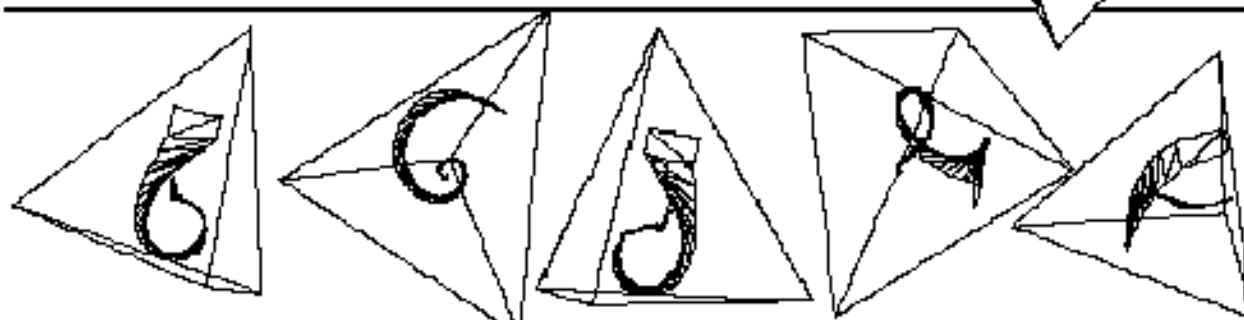
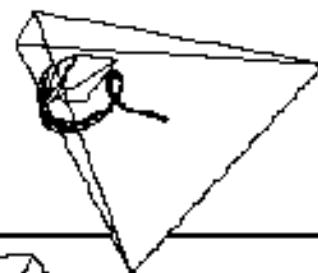
TOP DOWN VIEW, THE SAME 10 GOLDEN MEAN SPIRALS WHICH
CREATE THE TOP DOWN VIEW OF DNA, CREATE THE ORIGIN OF THE



“APPLE PEEL”, “FLAME LETTER” ALPHABET.

A Pure geometric origin for an ALPHABET OF FORMS?
Below, the small letter cursives of Arabic/English, from shadows (faces/phases) of One 3D
form:

Different views or "phase angles" of ONE form:
the "Flame Letter". An Alphabet of forms.
(The symmetry of the tetrahedron, outlines the
non-symmetry of the flame letter, spiral strip
sampled off the archetypal torus/donut.)



The ULTIMATE COMPUTER LANGUAGE..?”

In brief: Toroidal domains, as in bubble memory, can be nested by symmetry of phase angle.

Optimum storage of phase angle information from the 3D torus, is a log spiral strip sample: "The Flame Letter".

Since this strip is graphically & demonstrably entirely without symmetry, it's shadows perfectly record phase angle or tilt (from 3D onto 2D).

The optimized set of those shadows, given platonic symmetries, are the Hebrew Alphabet. Their combination into words, would exactly map allowable sequences and phases of domain computer memory bubbles.

The Hebrew Alphabet spoken phonemes, spectrum analysis as shape (Fred Wolf: "Spectrograms of the Hebrew Alphabet") (Spectral pictures below) significantly creates their recognized glyph. Accurate speech between computer and man could become a direct 1/1 "machine code" transliteration. Further, an optical grid/moire of accurate glyphs would function as a membrane phase angle switch/filter for phase coherent (or laser) light. Thus creating a direct phase angle switching 1:1 symbol set, for optical storage surface read/write.

Background: The unified field of physics is the sine wave, whose fourier transform law creates all shapes from this ONE shape. In 3D, the spun sine wave, makes a torus/donut/smoke ring. The unified field/form of hydrodynamics is the torus. It is self/reflexive, multiply connected and primally stable. The phase or tilt of the torus determines its ability to "slip (k)not", when weaving matter out of light. (as in vortex, and string models of atomic geometry). Remembering and tracking symmetry is thus the essence of the creative process. Faces consumed.

The same golden mean spiral pentagram which traces DNA from above, traces a sample strip off the donut. This strip is called the flame letter, these shadows in "flatland" are the origin of our sacred alphabet (see graphics)

Because this is the primal cookbook for guiding light into matter, it is also the optimum symbol set for the stable symmetry arrays for information storage in general. Therefore it represents a truly optimized computer language.

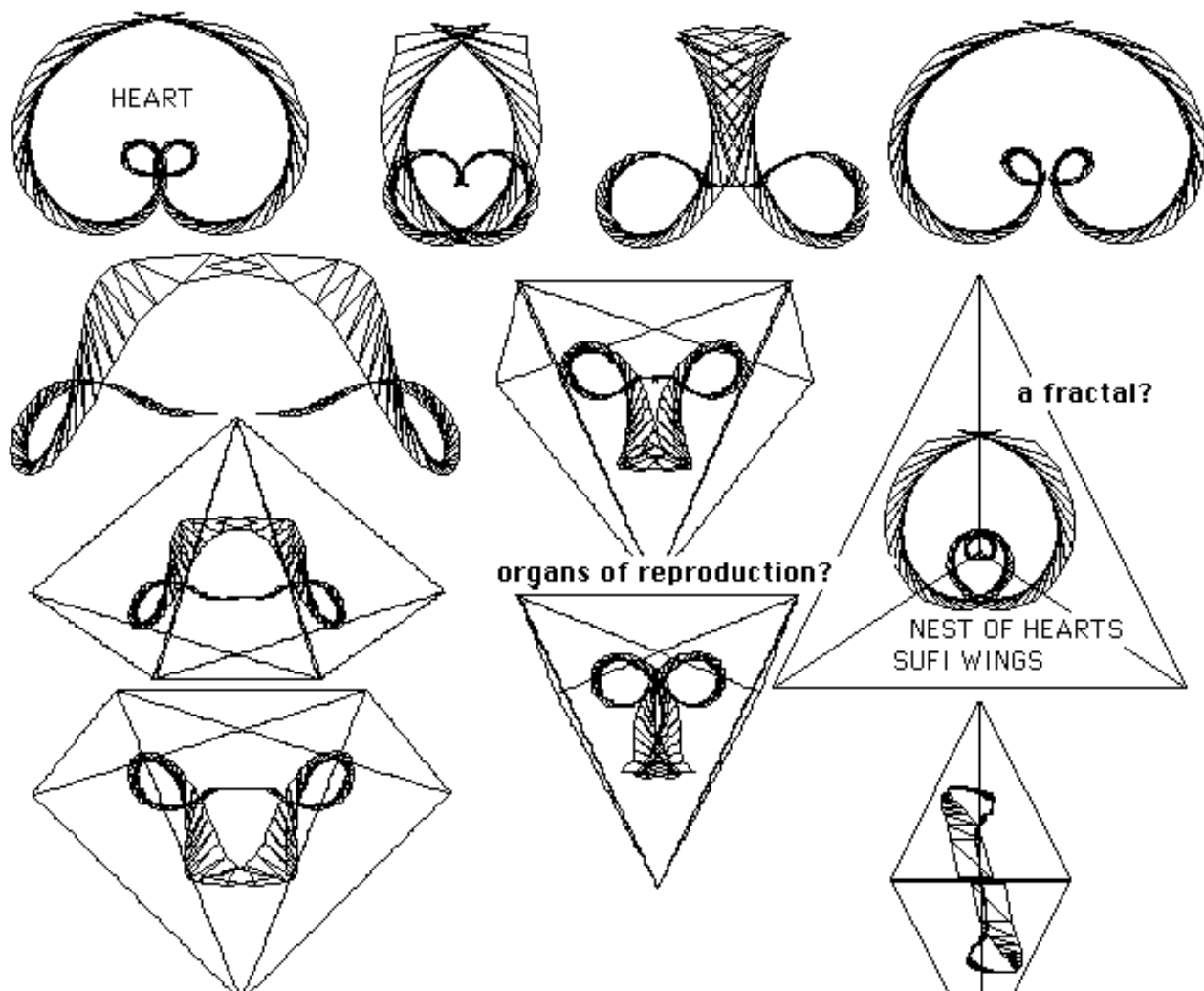
If computer memory could represent magnetic donuts accurately by tilt, then a self-organizing computer language would grow naturally. Allowable symmetry in the computers RAM memory would make the same internal tests for symmetric non interference which light tests when it enters electron shells. For the electrons to fit, they require the same symmetry tests which Hebrew requires. The platonic alphabet of symmetry made light self organizing. We must use THAT language for our symbol set. Then the symbols would participate in the coherent dense light (matter), to which they point.

A procedural explanation of the generation of the geometric, "flame letter" alphabet, graphic. I am using Super3D 2.0.(color) on the MacII to animate in 3d this pure geometric origin of language. Noticing the universality of the tilt or phase angle of the toroid donut domain. Alphabet turns out to be a way to record that rotation in a universal symmetry set (alpha-bet of symmetry) based on platonic solid angles.

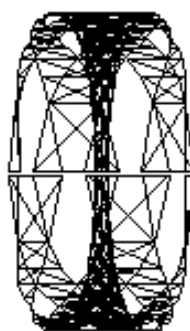
What was needed was a way to abbreviate or take a sample of the shape of the whole donut/torus. A 1/10 circle swath of the golden mean spiral turned out to be ideal to cut a piece out of the donut, which would sample or represent or symbolize the information of the whole donut. Much literature exists suggesting the profound significance of this spiral as the ideal of recursion or self-embeddedness.

This self-referential, self-organizing, or negentropic quality of the origin of language, suggests a principle for the creation of organized domains (matter) in general. See also the atomic table columnated by the platonic solid array of the outer shell, in "Braiding DNA" chapter. Also, reference is made to the nuclear symmetries generated by the platonic



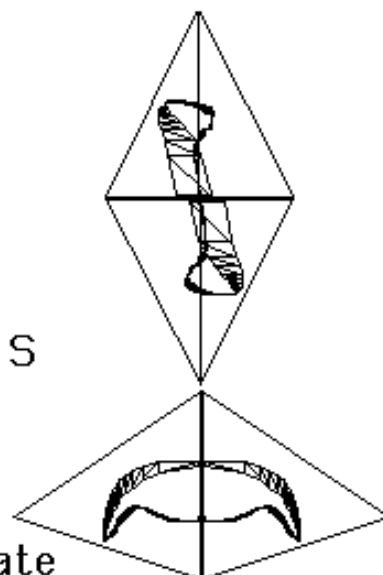


Different perspective views
of a pair of flame letters.



rotate
& replicate
5 x

apple, donut, egg



toroid
domain

symmetries in the work by Moon at the University of Chicago, chemistry.

Having sampled this strip or flame letter off the donut, we discover it is asymmetric from every viewpoint. Thus it's shadow's or 2D projections are an accurate way to map FROM 3D to 2D, the tilt or phase angle of the archetypal domain/ torus.



Later it becomes apparent that sacred alphabet is thus an archetype of the way to map from any N dimension into the next, using the self organizing laws of symmetry.

In order to map in 3D this spiral strip off the donut, I used the following technique, made possible specifically with the facility of Super 3D to import and export X Y Z arrays easily to a spreadsheet, where array manipulation is simple.

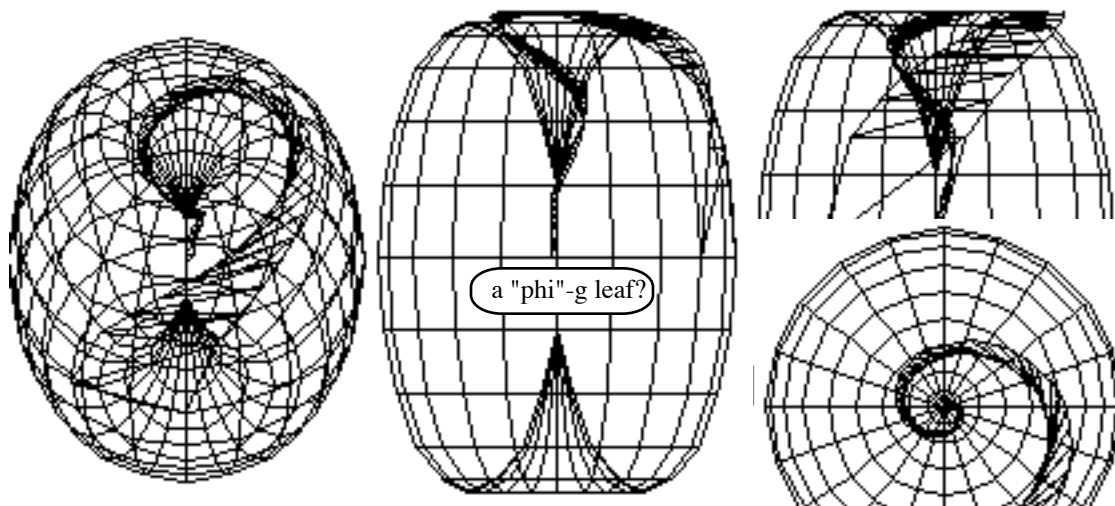
I began this graphic in the spreadsheet by calculating variable points. First I set up a column of angle values, radian expression, incremented 40 values per full circle. Then I calculated the RADIUS value for each corresponding angle- FOR THE GOLDEN MEAN SPIRAL- using the equation $R = \Phi^{(2 * \theta / \pi)}$.

Next I used trig to calculate a column of both X and Y variables for each point using the angle and radius as inputs.. (A simple conversion from polar coordinate notation to rectilinear coordinate notation). Then I imported this matrix into the Super 3D imaging function to check that I had an appropriate continuous GOLDEN MEAN SPIRAL, I did.

Then I returned to the spreadsheet, where the X and Y values were complete, but the Z values were zero. My plan was to consider the plotted X and Y values as a top down view of one spiral, compute- and input map the Z values simply by $r^2 = x^2 + y^2$ ratio to the radius corresponding to each point, and then input the 3D raised spiral to Super3D and revolve around appropriate axis.

I set about mapping the spiral around the hump of the 2 torus. I chose a convenient value where $Y = 1.618$ (scaling to be handled nicely later by Super3D zoom capabilities). From this chosen point, I chose the next 60 corresponding outward moving values of RADIUS. (40 per circle, 1.5 turns of the log spiral viewed from above map the 7 color donut). I then rescaled these 60 values for radius to be a distribution from zero to π . Multiplying this array times the ratio circle function gave me an circular array (for z) from 0 to 1. Then I multiplied that array times a value 1.618 times the radius of the 60th plot point, giving me a sine shaped depth for the spiral over this 1.5 turns to be 1.618 the radius, a "golden mean" torus.

Inputting this 3D array for ONE spiral to SUPER 3D, I was able to revolve it. A 36 degree revolve produced the Flame Letter preliminaries depicted here. Using a donut 1.618... Golden Mean as high as it is wide, we revolve this form around 360 degrees to produce the apple like domain pictures. An Alphabet?! of symmetry. These shadows were made of slipknots suggest the wisdom of our myths about the origin of separateness (symbol), from the bible. Adam- (Red-Hard-Slipknot/making power) tempted to segregate/separate the flow by leve-(leve means symbol/word), using a byte from an apple. 4 views (bytes)(faces)(letters), ONE apple nourishes Adam's dense/matter making power:



I then plot the 2D shadow projections of this 3D form, using accurate tilt angles based on the polyhedra faces. The result is an archetypal index of how to form natural torus domains so that they nest in the necessary symmetry angles of the platonic solids. The symmetry views indexed by the tetra/cube are the Sacred Alphabet! This suggests that we reinterpret our language, in terms of the physical power of the geometry of focus to create matter out of light. The slip knot nesting of the self-organizing flow forms called atomic domains, are produced when the knowledge of symmetry to nest the domains is learned: hence the usefulness of language. This knowledge is seed.

***APPLEPEEL FILE,
PROPOSAL FOR THE GEOMETRIC LEARNING OF LANGUAGE.
A MULTI MEDIA Vision**

Preproposal outline for..

**A Comprehensive Computer Supported Program for a Multisensory
Learning of Language:**

“The Alpha-Byte Apple “.

We would like to propose a long term, incremental program to develop a comprehensive series of computer support learning materials for the teaching of language forms. These would be based on several profoundly unifying philosophical tenets:

1. That proper nourishment to the spirit from the learning of

any symbol set,(cf McLuhan et al) requires:

A. a rich teaching of the physically real/meaningful unifying source, of that symbol set.

B. an opportunity to experience multi-sensorily the visual, sonic, kinesthetic, and interpretive UNITY of that symbol set.

This will lay a proper powerfully rooted foundation for the learning of ALL subset symbol groups, including but certainly not limited to the later learning of computer languages.

The very elements of the psyche are juiced by rooting in a language:

-whose shapes are found to massage the very wave mechanics of light into matter.

-whose outlines possess every systematic relation, susceptible to the most deep inquiry, and born of nothing short lived, unreal or arbitrary.

(an example par excellence, one of histories greatest linguists,

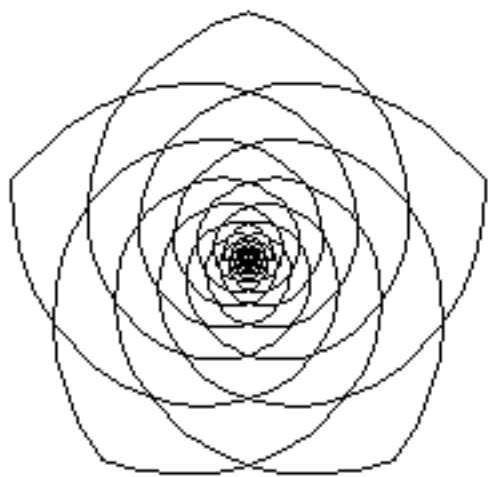
Fabre D'Olivet, in “Hebraic Tongue Restored”, retranslated genesis achieving dramatic revivification, utilizing explicitly/exclusively a table of the PRIMARY SHAPE/MEANING of the LETTER FORMS themselves. His work empowered him toward fluency in most of the languages of the world.)

2. Cultural differences are easily bridged once the unity of their symbol sets are learned.

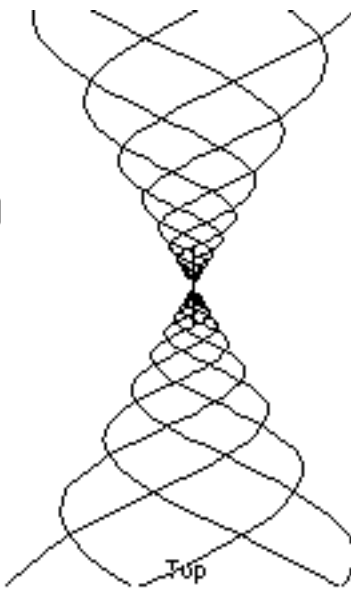
Shadows of the apple peel or “flame letter” map the Hebrew letters in a self-organizing, negentropic geometric nest/progression (sacred means timeless). Because the form is self-embedded in the universal rigor of Platonic symmetries, they can be retrieved anywhere in the universe, regardless of scale, perspective, or location.

This same unitary form also casts shadows which are the Greek, Arabic, and English alphabets.

The shape of the hedra/”faces” of ONENESS can be absorbed/learned from all angles/perspectives (phases). Consummate perspicacity means literally.. consumed perspectives. Which is what we can expect from children who like their forbears can’t resist a byte of the fruit of an apple. Their mem(ory)brains will then be impressed to reflect and test across that grid which identifies self/not-self... bubbles which fit the nest.



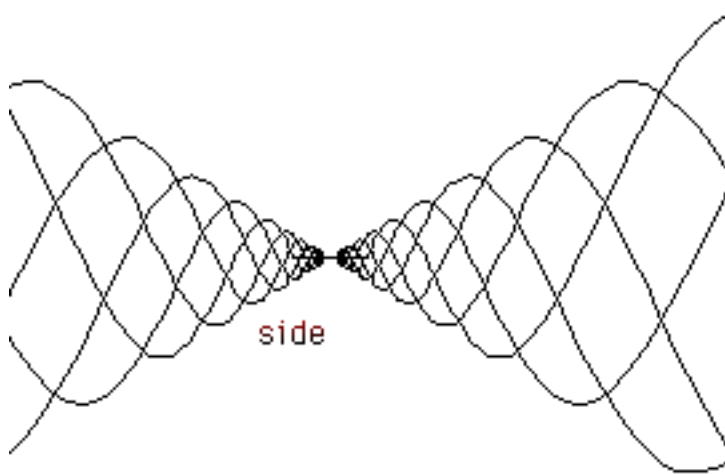
Front



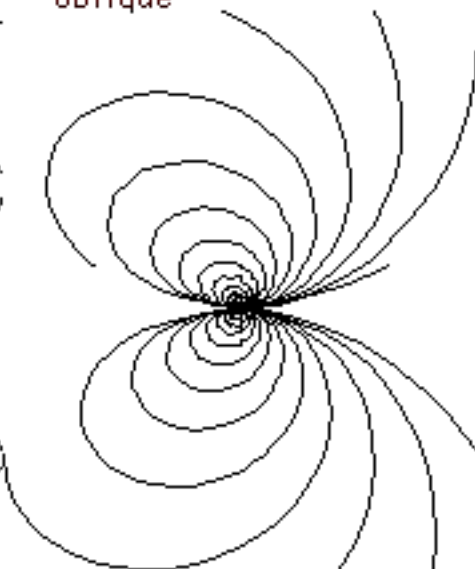
Top



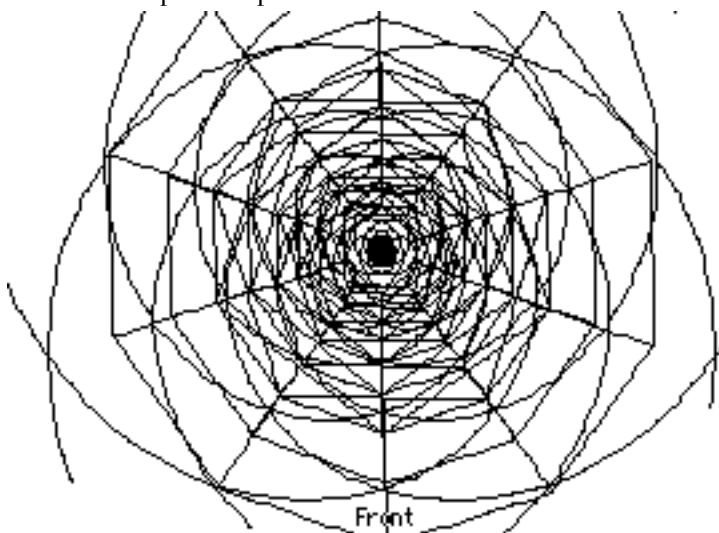
oblique



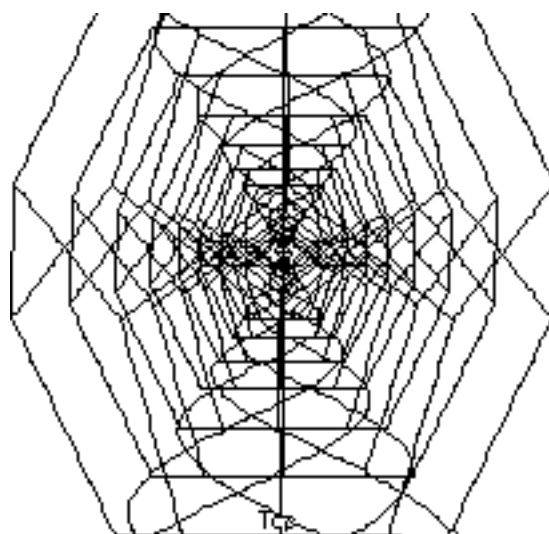
side



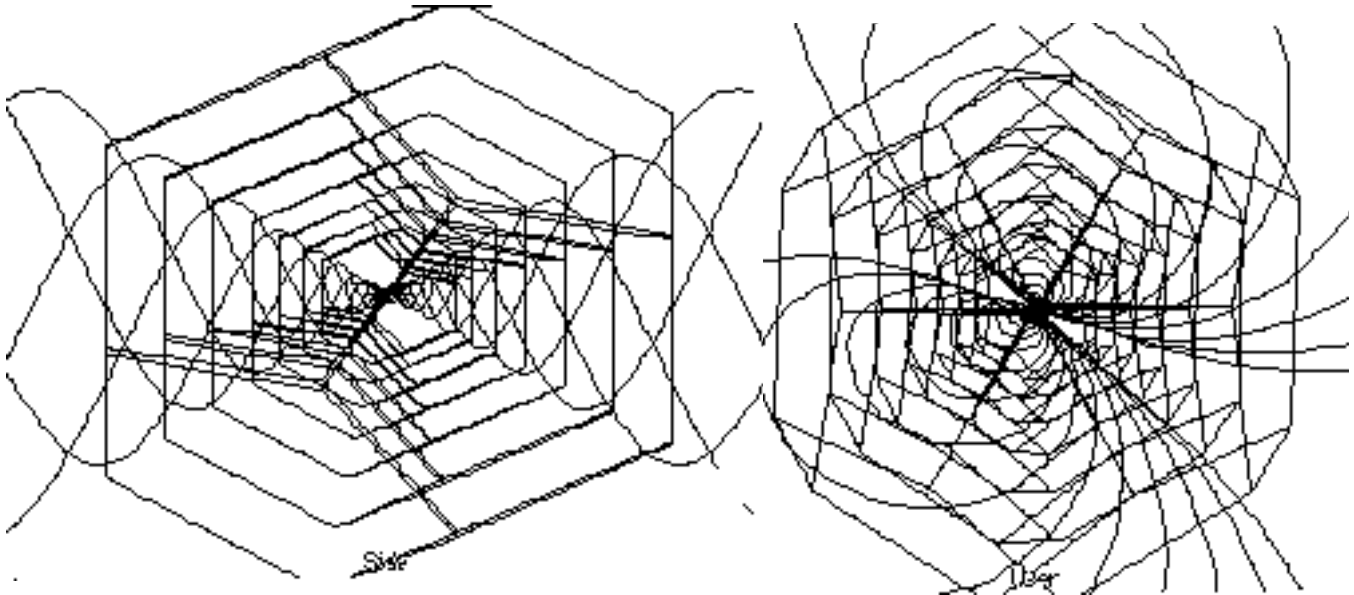
The images above and below here are 4 different simultaneous views of a pair of 5 Golden Mean spirals, below they connect the infinite nest of pentagonal dodecahedra..the shape of DNA, Earth Grid, & Galaxy connected as fractal. this same spiral traces the alphabet simple strip off the primal torus donut.



Front



Top



Imagine a child who sees and plays with, the why of the golden mean spiral. The apple screen tests ability to weave around to that spiral, golden mean triangles, then rectangles, then the nest of pentagrams. Later to build a simple infinite nest of icos/dodeca which trace that same 5nest of spirals from 12 faces. Later to unpack DNA from just that form,unwrapped.

The Apple animates that spiral overlaid on fetus, baby, logarithmic array of human joints, and countless of biological/architectural/celestial forms.

Then the child plays with translucent fluids between cylinders, and mist in columns, all computer simulated. They see that smoke ring/ donuts are the only way the flow can remember anything about what moves it. Hydrodynamics: only wave which stands by itself (self organizing) is born in their innocent fascination. Donuts, eddies, mushroom clouds, the shape of the brain, figure eight/unwrapped donut lissajous (octave/musical tones as if on a scope) dance with music on the screen.

3D simulated building blocks of vortex cone/pairs from the center of the donuts, test the child's ability to nest them on the screen. It soon becomes apparent that the alphabet of the only possible symmetry fit of those donuts when nested, are the platonic solids. No names required at the early stage, the shapes are their own symbol set. Later they will find they have built the atomic table (cf Crooks, also Moon in "Fusion" article). (The sum of symmetry pairs=electron shell pairs s,p,d,f. 2,6,10,14 electrons are the 1-3-5-7, cone-pairs, called tetrahedron/octahedron/cube, dodecahedron,icosahedron. The pattern repeats)

THE ATOMIC TABLE ACCORDING TO CROOKS, WHERE THE PLATONIC SHAPE NEST OF VORTEX CONES, DEFINED THE SYMMETRY GROUPS (VALENCY).

OCTA-	CUBE	TETRA-	VALENCY	STAR-GROUPS*	INTERFERENCE	TETRA	CUBE	OCTA-
Hydrogen H. 1.01	Helium He. 4.00	Lithium Li. 6.94	Boron B. 10.81	Carbon C. 12.01	Nitrogen N. 14.01	Oxygen O. 16.00	Fluorine F. 18.99	Neon Ne. 20.18
Sodium Na. 22.99	Magnesium Mg. 24.31	Aluminum Al. 26.98	Silicon Si. 28.09	Phosphorus P. 30.97	Sulfur S. 32.06	Chlorine Cl. 35.45	Argon Ar. 39.95	Krypton Kr. 83.80
Calcium Ca. 40.08	Scandium Sc. 44.96	Titanium Ti. 47.88	Vanadium V. 50.94	Chromium Cr. 51.99	Manganese Mn. 54.94	Iron Fe. 55.85	Cobalt Co. 58.93	Nickel Ni. 58.69
Zinc Zn. 65.38	Gallium Ga. 69.72	Germanium Ge. 72.64	Arsenic As. 74.92	Selenium Se. 78.96	Bromine Br. 79.90	Krypton Kr. 83.80	Xenon Xe. 131.29	Radon Rn. 222

In the process, the child finds that donut arrays seem limited with simple square donuts, but that if the height of the donut is stretched to the same Golden Mean ratio they started



with, the more pleasing perfect APPLE shaped donut, allows them greatest freedom to build into other dimensions. Even as the architect later discovers the advantages of the golden proportion over the simple cube.

The child quickly realizes, the need for a symbol set, to abbreviate what angle to assemble Apples to recreate the best nests. Putting whole Apple/donuts in memory, is confusing because the picture on the (2D) screen doesn't recall the necessary information about tilt angle. Experiments are conducted visually in how to store just pieces of the Apple. Various cookie cutter shapes are used "sample" the apples into something which will store well.



The now enthused child may discover that the best apple slicer is a tool still on the menu from first spiral exercises, since apple peels come in spirals naturally.

Just tracing the same Golden Mean spirals, 1/10 of a circle apart, which made the first best nest of pentagrams(dodeca in 3D), onto the now friendly apple, produces a peel which remembers and stores the tilt angle, perfectly.

The shadow map of the apple peels, make up a wonderful look up table, to remember how to weave the donuts together... veritably cooking up matter out of light, into slip-knots. (They prepare in nursery school for string theory graduate physics.)

Now, choosing the "create tool" icon from the apple menu, the child begins to store and remember the shadowgram table of the best angles to assemble the Apple-like donuts. Icons naturally created by THE NEED TO CREATE... tools, BECOME stored in memory as THE alphabet.

The child finds that grouping the apple-peel shadows by the shapes they create, makes a nice index. Later the child will discover on the same computer screen, that what is now in front of them is the pure geometric origin of the the sacred alphabet!

The curl angle of light on the apple peel, casts the shadows on paper which are literally the alphabet of forms. Shadows in flatland, on the walls of Plato's cave.

... Next experiments to learn the SHAPE of sound patterns are encouraged. An inexpensive mike attached to their Apple, serves the child to display and store the pressure envelope/shapes of the sounds they make. (cf manuscript on alphabet sonics below, cf Fred Wolf, physicist: "Spectrograms of the Hebrew Alphabet".)

The connection between the shape of the mouth and the tongue, vs carrier and envelope becomes entertaining computer pictures. To create the envelope which is the letter, which is what you have built with Apple, you shape your mouth around your tongue... the weave of the sound to the cavity, creates a shape.. which IS the letter.. Aleph, sounds like olive, the spectrogram suggests a sphere with a stem on it. The child sees only the pictures of her own breath making the same table.. Visual selections of letterforms on the lookup table, generate speaker sounds which are the spectral analysis of the shapes. The sounds make the shapes, the shapes make the sounds..

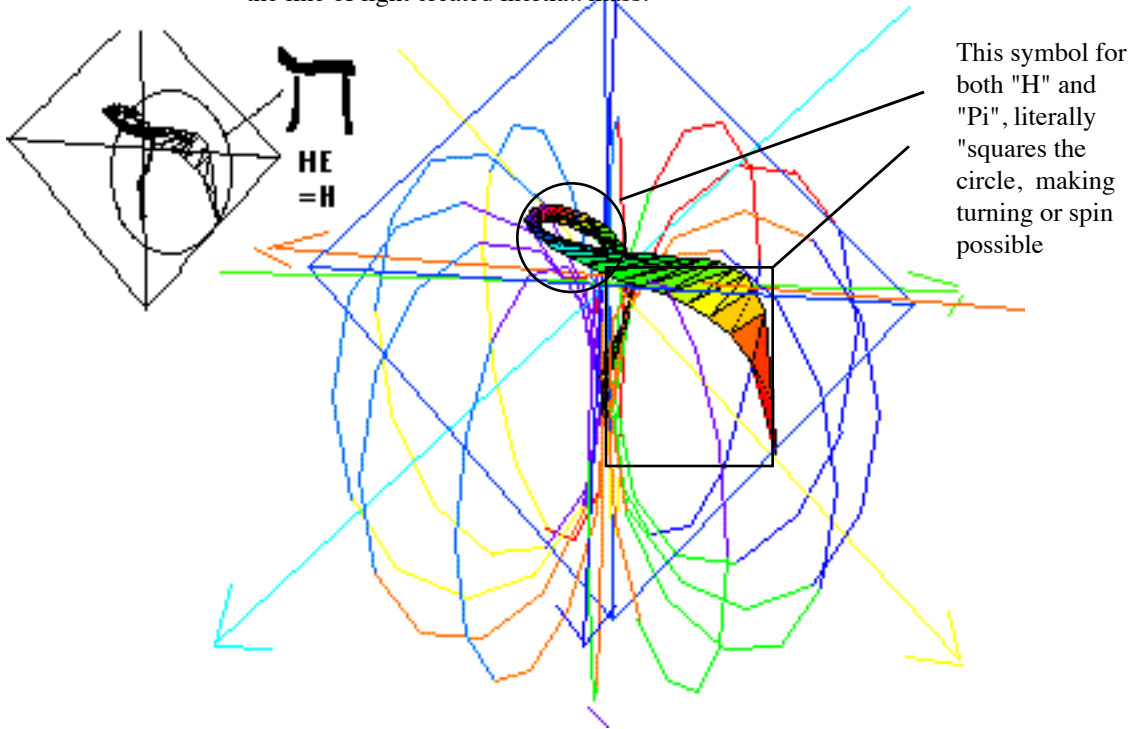
English letters are virtually all rooted in the Hebrew/Arab, a history of the development of the cursive alphabet happens with a few animated pictures. The important thing is that the child is nourished with the real creative roots of language structure.

Later, "cubeocta" exercise tools which are large enough to get into, to feel the symmetry planes (Genesa) are assembled collectively. Add 6 edges, this live in model becomes icosahedron. Connect alternate inner points with ribbons: its a dodecahedron. Repeat.. icosahedron inside, dodecahedron inside..repeat.. The possible ways to spin from the computer screen are immediately translated into a tinkertoy big enough to play inside of.

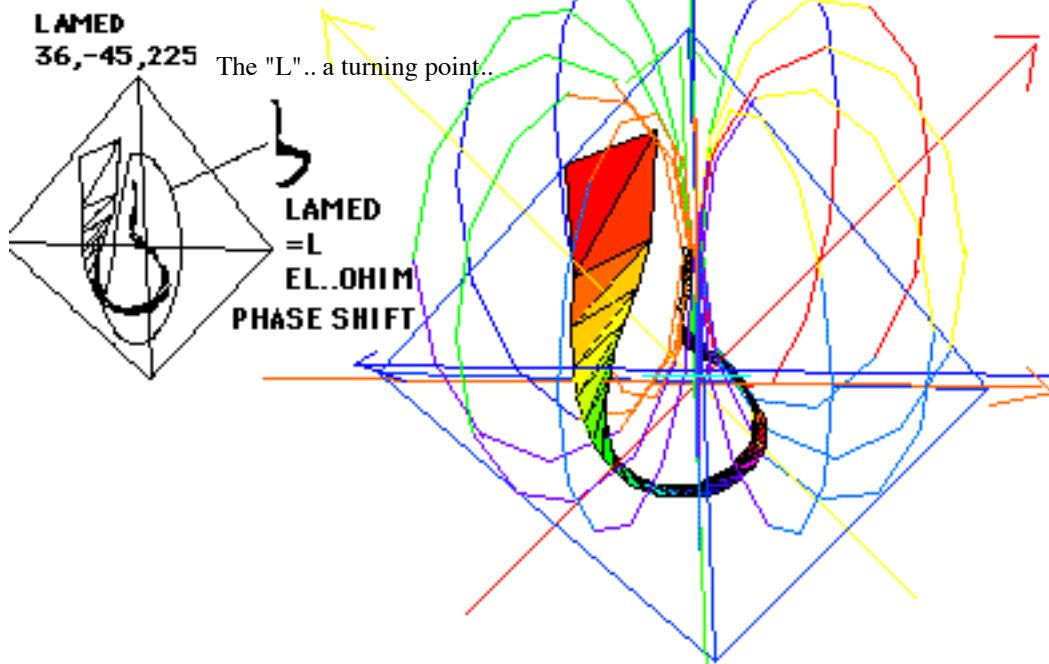
The Laban alphabet of movement, and the Eurhymic traditions of learning the feeling aspects of language, from posture, should be introduced. Thus the learning of the connecting powers of symbol as alphabet will be visual, auditory, and kinesthetic. Posture too is a pressure envelope, membrane geometry of the skin. Michelangelo and DaVinci showed the sacred ratio's on the nodes of the bodies joints: an alphabet of form. Biology's long wave is learned, as posture induced ecstasy is an alphabet of emotion. (more below in "Braiding DNA").

The "he" sound as in here and hence and he connote in a profound sense,
 literally the turning... or the presence which turn or spin creates.
 So the Hebrew letter HE as in YOD HE VAU HE, means amorphous
 and space filling..(breathes most base and unformed pressure wave).. maleness.
 The making of mass, by creating a circle,
 the line of light created inertia.. mass.

HE
216,-42,223



LAMED
36,-45,225



Daniel Winter
Crystal Hill Farm
9411 Sandrock Road
Eden, NY 14057

“That the Alphabet itself, was Created by Wave
Mechanics, is One of the Ideas Which Prove that
the Unified Field *IS* an Idea to be understood,
more than it is an equation.”



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ofc 800 541 1087
alt ofc 716 823 1234
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EarthNet:dwinter
W.E.L.L.: dwinter
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Section: Research in the Way People Learn.
1800 G Street, N.W. Room 635A
Washington, DC 20550

202 357 7071

Video Productions
Computer Graphic Layout
"Planet Heartworks"
Consensus Process
Phase Converter Tech.
Sacred Geometry Kits



2/2/91 re: **Angl-ish: Sim-Symmetry.**

The Learning and the Roots of Language as the symmetry operations which are our only
definition/measure of mass, time, color & ...

Hello,

I am directed to your area, after years of interaction with the Geometry Computing Group in
Minneapolis, supported by NSF. This resulted in extended conversations with Spud Bradley and
others in the NSF Education section. During our conversation among other suggestions, Spud
indicated the implications for our work pointed to your area.

I am aware that you probably receive idea/proposals daily which suggest “revolutionary” new
ideas for learning. It is a measure of how sincere and urgent I feel, that I am sending you this
material anyway.

Our work concerns the pure self organizing symmetry - embedded in the very form of our
alphabet. The implications must necessarily shake the foundations of our parochial view of: “what
is the role of mind in a unified field made of waves?”

If our kindergardners begin learning the alphabet from the geometry set that MADE the letters
in the first place...

1. they will never need to memorize their letters by rote. Instead learning *ONE PRINCIPLE* will
be enough to recreate any forgotten member of the symmetry set alphabet.
2. when they reach chemistry study years later, the symmetry groups (subshells) s,p,d,f which
make the atomic table completely, **will already be known to them by the same rule which
taught them to read !**



3. the process of thinking through the symmetry laws which enable letters to fit together to make words, will eventually be refined to exactly iterate the symmetry laws which allow donut shaped fields (which are the elements of every form- subatomic to intergalactic) to CREATE anything.

This image called "Ray's Trace" is from The Alphabet Game. The child learns the bubble symmetry associated with his name. In the laws written in the alphabet of the symmetry of donuts (Adam's Apple), the universe DOES consist of everything that can be named! Word making power is the ability to nest symmetry.

The idea which needs to reach schools is simple. The process of creation: managing chaos, is no more arbitrary or less self organizing than the origin of symbol making itself. The role of symbol in making possible consciousness occurred when some condition outside a "membrane" could be *represented* inside. The set of field nestedness which comprise any substance outside the membrane (the self), are completely described (quantized) by the set of symmetry operations which allows that *something outside of me*, to stand as wave. Thus what group theory and quantum mechanics have proven is that (re)creation resolves to the elements of symmetry.

To bridge the separateness from self to not/ self required holding in memory (in symmetry) the turns of mind (focus) which held together the field called a "part-I-call".

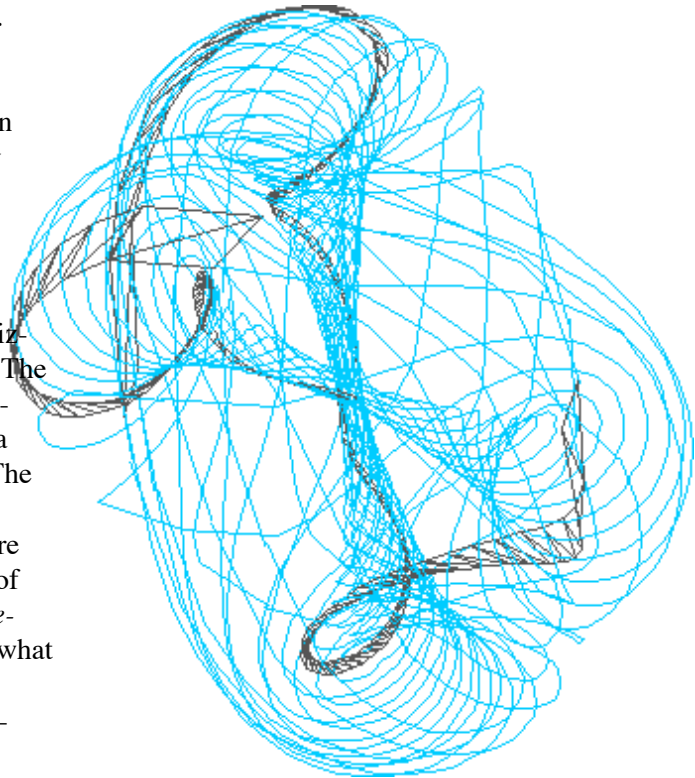
To put it in simpler terms (turns), the living cell learns that the ultimate elements which cook up the stuff happening outside the membrane resolves to the recording of a few simple symmetry operations which create everything... (most especially the membrane itself... folds are symmetry/memory/membrane "Structural Stability and Morphogenesis" cell membranes are the allowable phase symmetry, nested standing waves.)

Now, supposing you are not a philosopher on the question of the totally quintessential meaning of symmetry in physics. You are simply interested in the question: "how does language and learning happen?"

(Un?)Fortunately your dilemma must still end up in the same slip-(k)not as the fundamental fizzisist: "whatever done this, was SELF-ORGANIZING?!?! "

Learning for a preschooler will be exactly as wonderful as creating matter out of light, when we realize the point at which either process becomes self-organizing.

Karl Pribram "Language of the Brain" says the visual cortex is a hologram of waves ..synapsing, sparks darting about. Matter (what thoughts "grasp") is also a hologram, only denser... more tightly phase locked. What is the point at which the hologram (vision or mass) becomes self-organizing? What is the point at which thoughts swap momentum (info) from objects?

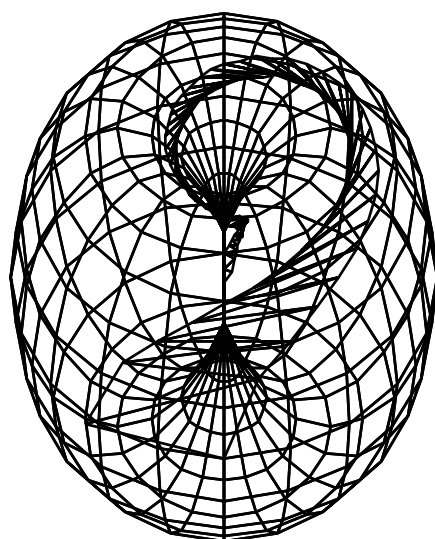


What is the point at which one light hologram (ideas in the brain), interacts energetically with another denser hologram (matter)?

The answer to *all* these laser like questions is the same:
WHEN PHASE DISCIPLINE (prepare the field)(donut tilt symmetry)
IS LEARNED!



So, if we could just stop with the drum rolls for a moment, and get focused here. What we are saying is that the origin of learning and language and matter, DO get us to the same question: at what point..
do our "fields" ..(math, language, religion) become self-organizing?



“A Field’s symmetry element: byte of Adams Apple”

Well, we know the apple donut shape itself IS self organizing. This is proven among smokers, or in any cloud chamber. Only the double vortex smoke ring donut can remember its internal flow dynamics well enough to self-organize and stand as wave. (hydrodynamic physics agrees: donuts/knot theory is *in*.).

But the other thing which the origin of language (recorded memory across membrane) and the origin of matter require, is that the nesting or grouping of these donuts ALSO be self organizing.

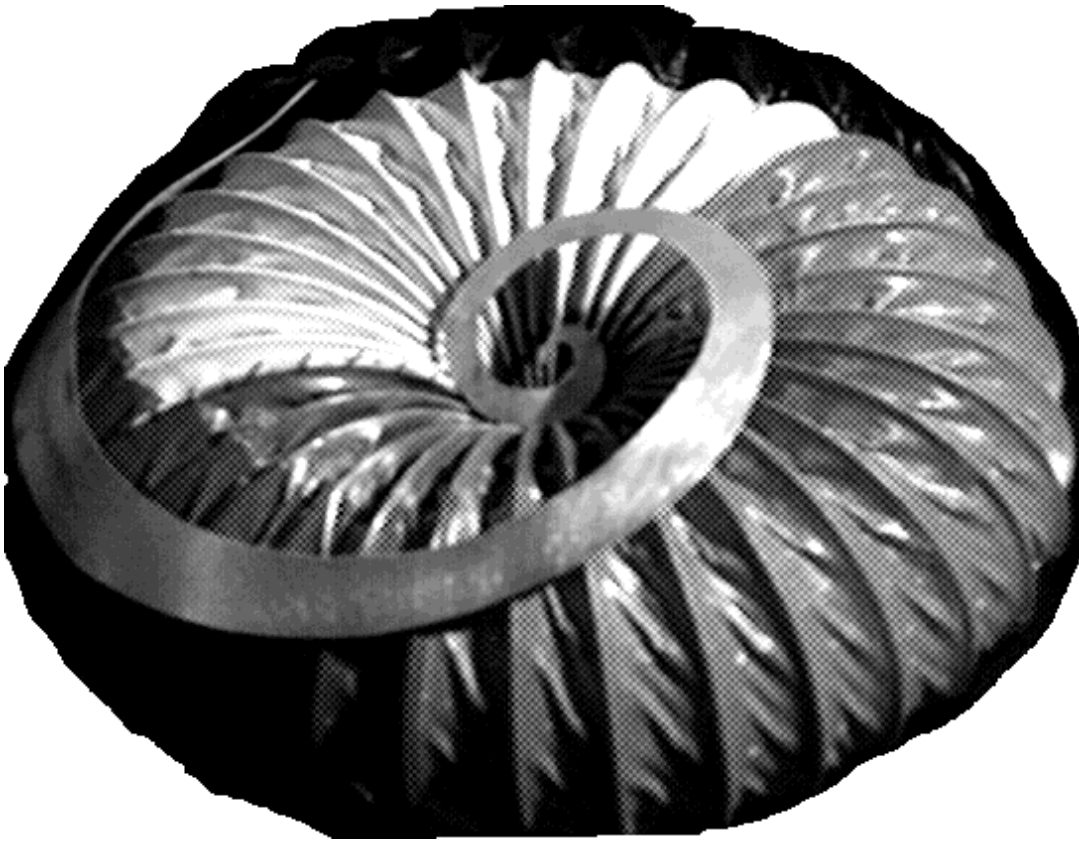
Happily, we know that if you nest donut shaped fields into anything **but** mutually constructive symmetry (the platonic solids), they will destroy each other. (This is called quantum mechanics and group theory). SO, once donuts are born, if you push them into a confined space, they *self-organize* into the symmetry (nestedness), we have called matter. (Focus self replicates order, & self-destructs disorder.)

So, we really got the principle. It’s so easy it almost “goes without saying.” (Maybe it did for a while). Donut field symmetry IS the mechanics of creation.

So what does this have to do with the origin of symbol making, and teaching youngun’s to read? And why should some little corner of the National Science Foundation care? (only great respect intended.)

Well, we “got to thinkin” one day. Our recording devices for symbol-making are a bit flat or 2 dimensional. Basically we use flat pieces of paper on which to record what is happening up there in 3D. It like reaching from flatland, 2 worlds of spin, up into the next dimension. In order to leap across the dimensions of spin, we had to sample or take a part (I call it), of the whole donut.

BUT, whatever part or sample we had to take off the whole (donut), had to be self-organizing. Happily again, the oldest in best problem solved in the “field” of topology had already got the word out. The donut can only be divided, separated into totally symmetrical regions, each of which touches ALL other regions, in ONE way. This self organizing



division of the donut into the seven color map (the rainbow connection), produces a self organizing line or mobius strip around the donut: the golden mean spiral!

And since the spin of this golden mean spiral flame letter wrapped around the donut, records the shape of the whole thing, it is the perfect self-organizing recording device or “sample”. The elements of symmetry then are written as shadows on the wall of the cave of the membrane of our attention. They are burnt in, like perfectly tilted or phased touch can roll into the folds making the surface of a bubble without causing it to pop. (Later, children will learn this is the way the *”Sentic” pressure wave shape of touch we call Emotion, is stored on the surface of cell membranes creating the library of immune identity. *”Music, Mind and Brain” and “Sentic” by Manfred Clynes PhD., also featured on recent NOVA series “What is Music”.)



The rest is simple. I can set my computer to type in the burning font we call English. Tilts or consumed perspectives of the one spiral off the donut record these shapes, do they look familiar?

(here now this next graphic, while being an accurate mathematical symmetry projection set of ONE single 3D form spun to different views, did not take hours to draw for you here. This letter is being composed between breakfast and .. messing on Sunday morn. I have only to change Fonts on my MAC. The symbol on the front of its membrane is a seven color apple with a byte out of it)

a b c d e f g

Thus I have just turned to various perspectives to be consumed in time, the self-organizing essence of symmetry. And abracadadrically adiabatically we have (nothing is up my sleeve) the ALPHABET!

Obviously there is much cosmology beneath the surface here. If even a fraction of what is suggested here is true about the real origin and function of symbolic alphabet, then you and I and those interested in the principle of what it is that learns, should communicate some more.

The purpose of this letter is only to interest you just sufficiently hopefully to invest the time to relax and enjoy the enclosed video. And then if you find something intriguing enough there, to look at maybe the first half or so of the enclosed book.

If, there is any chance after all that, that you still find even the possibility that some of this may be real.....(even 1% acceptance of the truth of this idea, completely rewrites all history and "book learnin")..... then we should perhaps meet. I would be pleased to make a multimedia presentation to persons there able to make critical suggestions. Obviously, we have not begun to scratch the surface of getting this info into useable curriculum form. Although we do already have a computer interactive MAC disk based in Super3D & Macromind called "Sim-Symmetry:The English Alphabet".

Actually discovering that the alphabet was not schizophrenic arbitrariness, but a self-organizing system, is catching on well. I do dozens of conferences annually. I'm speaking at Interface in Boston this spring, and the S.F.F. national for a week in Minneapolis again this year. Our mailing list approaches 3000. Our fourth self published book is on its 2nd small print run. The videos are very popular containing the computer animations of this. Friends at the

Discovery Channel (Denise Baddour) and CNN (J.J.Ebaugh), have been very supportive and encouraging. There is serious interest to use the idea "Flame in ther Mind" for upcoming Stephen King film, with my animations, in hollywood. Several local science teachers are interested. I have done the sacred geometry kit assembly with the gifted and talented classes in the Ithaca primary schools.

HOWEVER all this grass roots approach to empowering young people with the real physics that symbols affect objects in their worlds, will take generations to really reach schools. (Even though psychokinesis is doubted by few.)

Unless an organization like the NSF gets interested. Then we could really reach many young people, and tell them, YES, the Never Ending Story *was* based in physics. ONLY visions held in mind keep the world of waves glued together.

If we fail to teach these young dreamers..... much will be decried of our feedback systems. Matters wave matrix density was made so different from the wave matrix density of thoughts for a reason. We needed padding in our cell to slow down the rate at which thoughts turn into objects. The problem is, our galactic context now reduces the amount of padding. The rate at which thoughts have effect speeds up. (Did we ever dream that physics would really apologize for prayer?) We need to be there with instructions to our young whose nervous systems outstrip the amperage of our own. Their prayers will crack worlds apart or together depending on how we teach them.

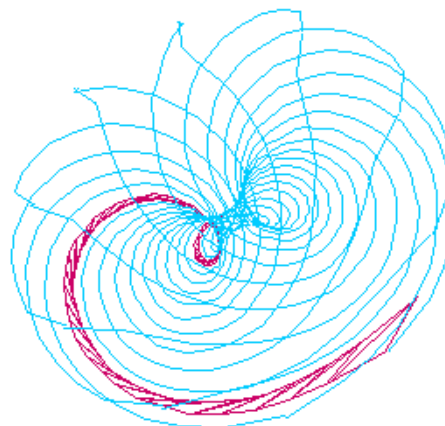
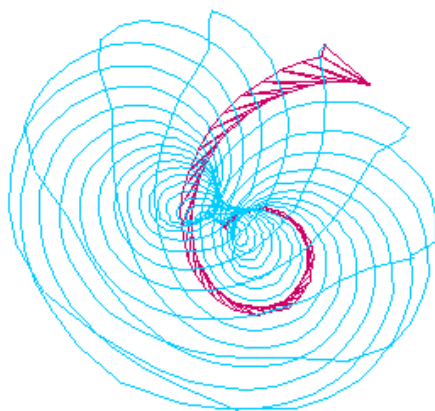
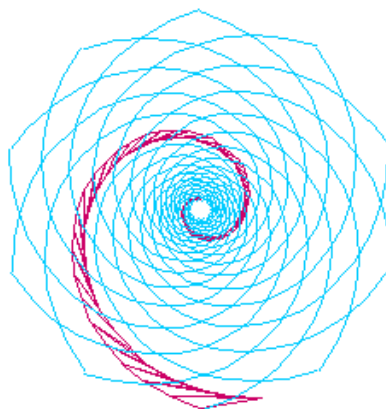
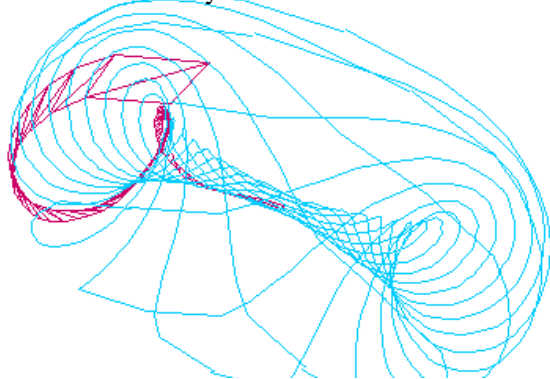
Let's grab a piece of this info about language being the cookbook for light donut matter making (the glass bead game?) and run with it. I have found that it's fun, and our children will feel the same way.

If you cannot work with me to get this into learning centers, perhaps at least you can help connect me with those who can.

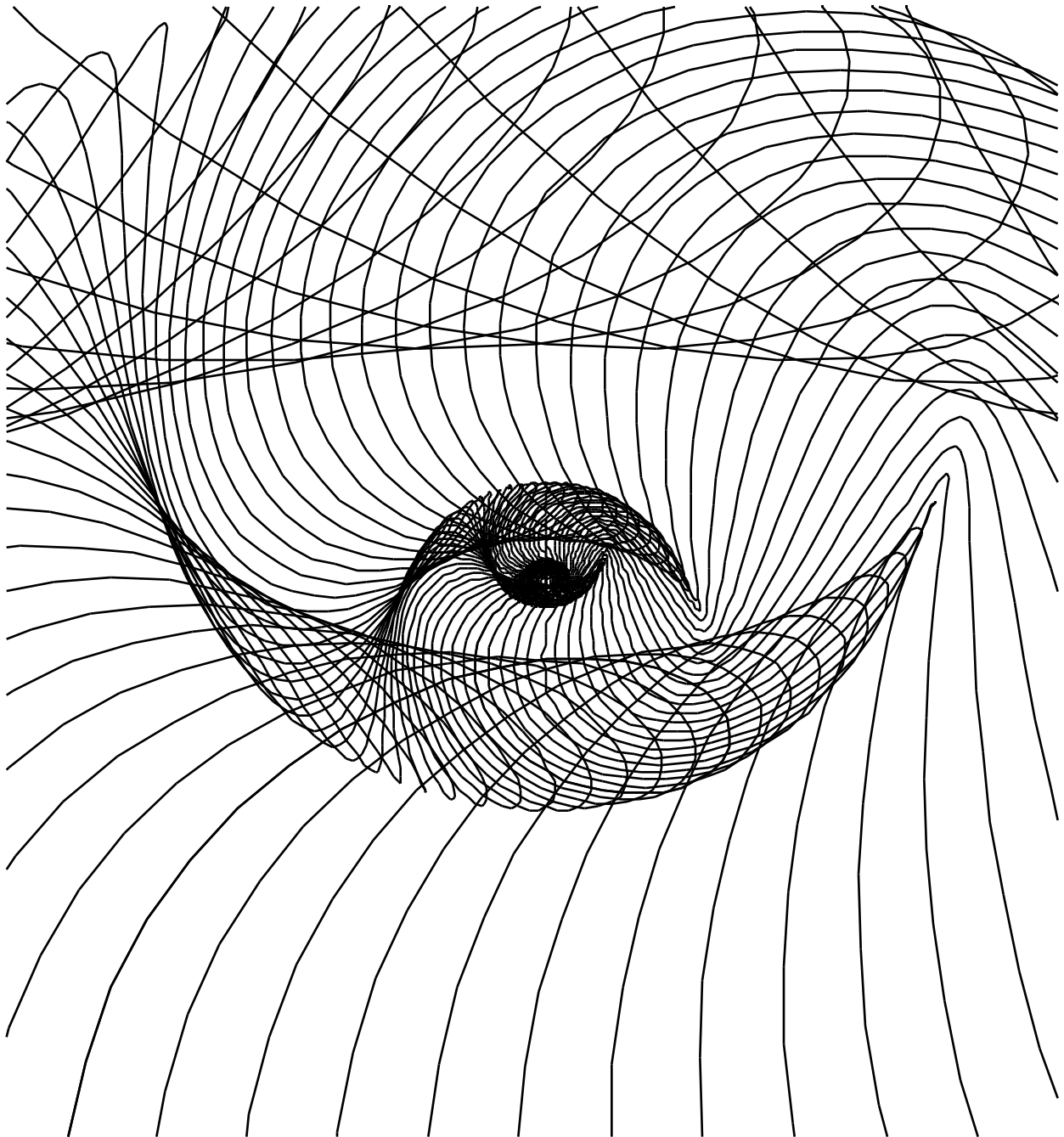
Opportunity for this level of service doesn't pass often?

Thank You for your attention!

Dan Winter



The golden spiral which wraps around the 60 degree light cone connecting concentric Dodeca.. (DNA), seen spinning, makes a fractal cup within a cup. The DNA is the light(ning) catchmeant grail. Sang Grail... song in the blood.. lighting in the genepool... a rayment made of light..



a code of many colors.. (Joseph and Benjamin).

Summary/Review: An Empowering Way to Learn Language:

Learning systems are frequently demonstrated to be most effective when they are multi-modal. This is a learning process which actively involves as many sensory modalities as possible. (Vision, sound, touch.. etc.).

The other ingredient of an optimum learning system is a symbol set which has no arbitrary or disconnected members. That is a situation in which the elements which must be learned are inherently interrelated in such a way that either:

1. if you forget one symbol or element, you could retrieve it entirely from the PROCESS which relates it to the others.

or..

2. if you REMEMBER only ONE symbol or element, you could derive ALL the other elements or symbols entirely from the process which creates them.

Alphabet teaches the PRINCIPLE of self generating coherence/phase/lock consume/perspective identity. The apple nourished Adam's hardness/ firm membrane. The same picture resembles the leaf of the fig which clothed him: a ray-ment of light.

What we propose is that language be taught using exactly the same symmetry rules which causes nature to choose regular polygons to make electron shells: only the donut (domain) tilt angle allows the symmetry which permits the momentum to enter rotation. This is what translates energy to matter.

First the child is to learn by trial and error, graphically, which angles permits donuts (vortex pairs) to nest (symmetry). This will create the regular platonic solids (see computer animation). Then the child will learn which spiral optimizes the translation from line to circle: golden mean. This is taught by experimenting which curves best fits nests of triangles, squares, and pentagrams: golden mean. Then applying that learned spiral to the donut, a strip or piece of the donut begins to represent the whole. The resultant strip when tilted creates for the child, systematically, the alphabet... which they MAKE by tilting the donut strip to the platonic angles learned first.

The result is a process, which not only makes the language symbol learning process totally self-organizing (negentropic), but directly sets the stage for the learning of later chemistry, physics and math.

The atomic table is a direct self-organizing result of learning this same donut domain nest. (see Video). Which brings us to the rainbow itself:

A PURE GEOMETRIC NATURAL ORIGIN OF COLOR:

The systematization of the learning of color, arises directly also from tracking donut spin. The photon light donut has only ONE shape. Rainbow/prism is the creation of the harmonics of phase tilt, by focus self cancelling non-symmetric phase interference. Focus causes disorder to be self-destructive.

The three possible primary colors are the 3 axes of graduated tilt of one photon donut. Three perpendicular spins are related in all possibilities by tilting one donut. Visualize the three ways you could slice a donut, x, y, and z. You would catch it spinning on three axes at once. The three perpendicular pairs ARE the primary colors. Their relative tilt IS their relative mix. Visible light is ONE octave, 440 to 880 angstroms, because the side view of the figure eight/donut is half as wide as the front view. Red is the packing side of the vortex photon's approach (Adom/red in Hebrew means hard-making, Yang). Blue is the unpacking, Yin side of the vortex's approach. The eye's catcher for color is a cone, because that is what wave mechanics uses to measure phase angle/tilt. We must then consider GREEN, as in Photosynthesis, Green Tara, The Green Heart fractal, and the "Emerald Modem" (below, & cf: Richard Leviton). Being perfectly balanced between the dense making Red (Eros) and the unfolding unpacking Blue (Tantra, Marian, Cobalt, Cathedral), Green is the necessary tilt or phase necessary to navigate between worlds (Sushumna). (cf. video, and Oldchurch article.)

The Hebrew letters themselves, may prove that color is phase tilt:



7 SPIN AXES OF TETRA
ORIGIN 7 CLR MAPPED

DONUT

TAV
(CROSS)

BLUE,
CYAN

T(AV)EKELETH=

BLUE
IN HEBREW

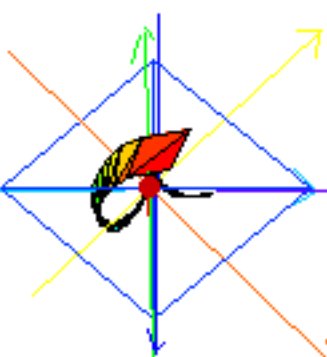
LAMED

ORANGE

7 ARROWS
OF THE HEART

ALEPH

RED, ADAMIC (HARD MAKING)
ADOM=RED IN HEBREW



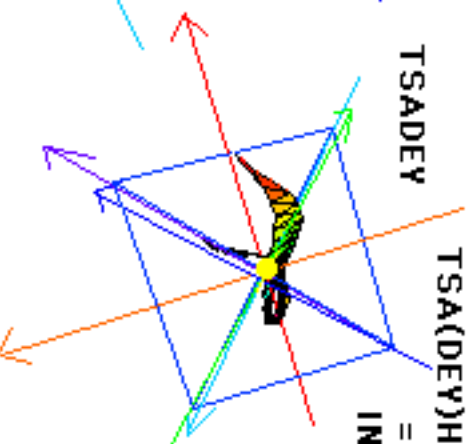
PE
PHI
(P)URPL

SPRL



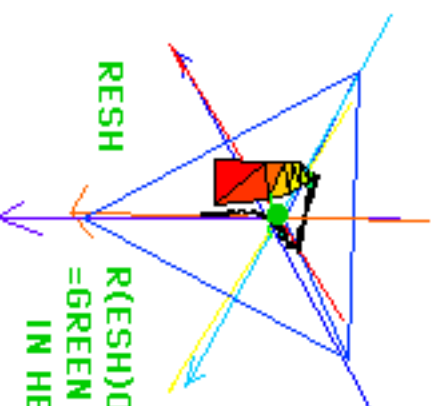
TSADEY

TSA(DEY)HOB
=YELLOW
IN HEBREW



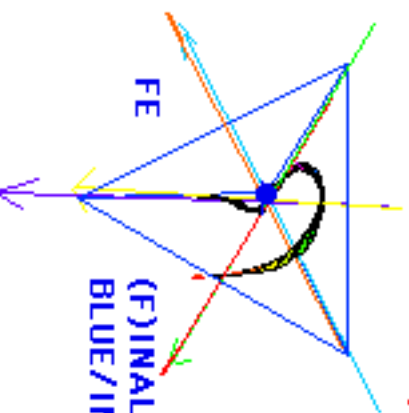
RESH

R(ESH)QUANAN
=GREEN
IN HEBREW

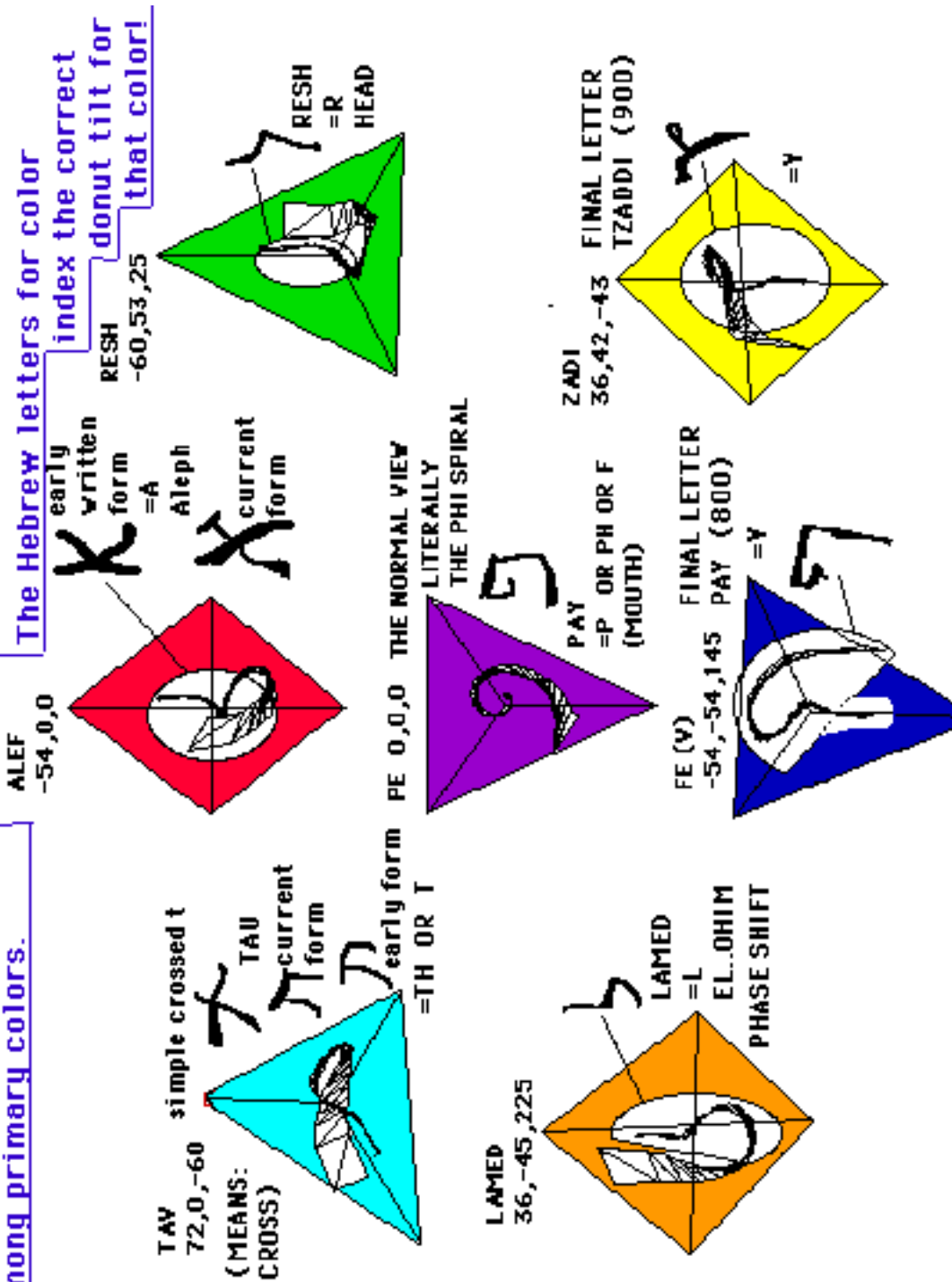


FE

(F)INAL
BLUE/INDIGO



The 7 ways to spin a tetrahedron (symmetry axes), reveal relationship among primary colors.



Since we already have the elements of the computer graphics necessary to animate this learning on the MAC with Super 3D 2.0, we feel the next step is to assemble complete support learning materials for first classroom tests. We are ready for major institutional involvement to integrate our present computer graphics to complete media materials ready for classroom use.



The Alphabet of Geometry project, background:

At Crystal Hill Farm, we have been marketing for years the “Star Mother” sacred geometry models. These are a recursive nest of dodeca, icosahedron, dodeca...cube/tetra/octahedron.

The nesting of vortex cones (donuts) in these platonic geometries, creates the atomic table. (Crooks, “Occult Chemistry” Leadbeater/Besant, “Psi Perception of Quarks” Phillips -PhD physics—justification with current subatomic theory, “Circlon Theory”, also my notes in: “One Crystal’s Dance”.)

While the existing literature intuited that a sample strip off the donut would produce the alphabet....

1. it didn’t specify which log spiral would trace the “flame letter” off the donut (there are infinite possibilities).
2. it didn’t define the width of the arc of the spiral.
(The thickness of the letter)
3. it did not define the ratio of the center hole of the donut to the outside diameter.
4. it had two speculations, neither correct from my analysis, that the ratio of the donut height, to its inner/smaller diameter was either 1 or 2.

Thus, from a mathematical viewpoint, I began from scratch.

Using 20 years of intuition and extensive real time graphics testing I was fortunate to discover a powerfully useful answer to each of these yet undefined variables:

1. Golden Mean spiral (for the template to sample the strip off the donut)
2. 36 degrees, $\pi/5$ (the width of the strip, sampled)
3. Golden Mean⁶ (ratio of center hole to whole donut radius)
4. Golden Mean (Phi=1.618033989). (the height to width ratio of the donut).

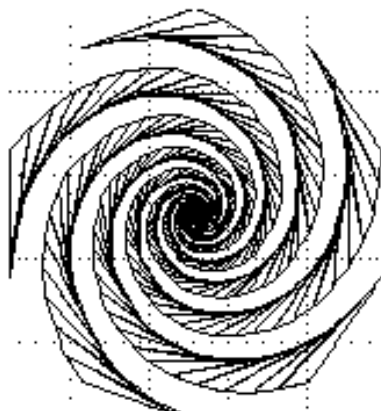
This derivation generates letter forms EACH of which is marvelously recursive, that is repeating inward and outward in a significantly fractal embeddedness. The self-organizing quality of this recursive form, arises specifically out of the multiple axis use of the phi spiral.

First, I achieved a useful graphic and animation of the English cursives.

Recognizing the great social service which might be achieved, by actually completing that rigorous computer graphic of the now mathematically defined Hebrew letters, I have devoted considerably time & computer resource to this task. Although of course some refinements in these image generations will undoubtedly occur, the basic algorithm which allows phase symmetry to rigorously index a phi-sically potent alphabet, is now established.

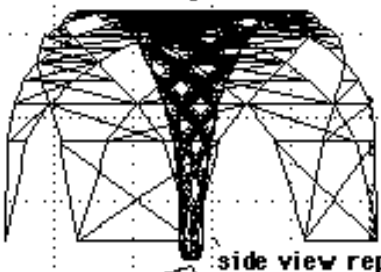
The computer generated Hebrew glyphs from rigorous 3D projections of one Golden Spiral form, indexed/locked by the timeless symmetries of the tetra/cube/octa, are pictured above.

My goal is to see that the powerful usefulness of this information to transform consciousness, is shared as effectively as possible. Dan Winter



"The letterform,
The Alpha Bet,
The Flame Letter,
The Apple Peel,
The Electrical and sonic waves of
the Heart.....

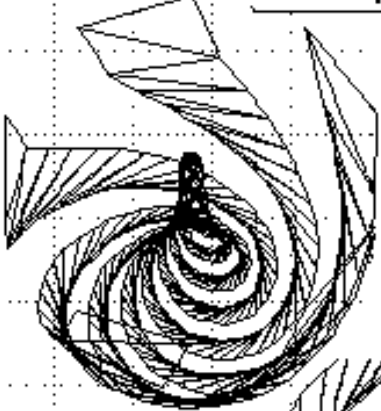
Since they all are an infinite fractal trace of
the Golden Mean Spiral from above,
and cross section is an infinite donut nest...



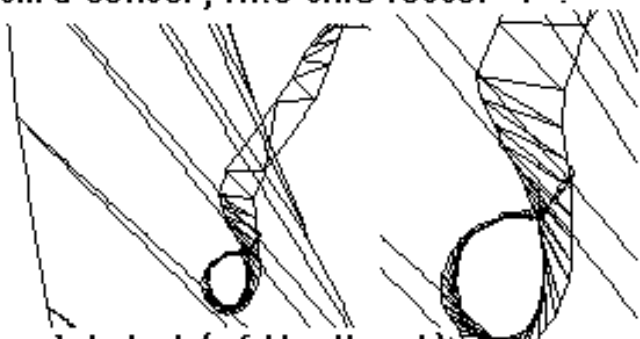
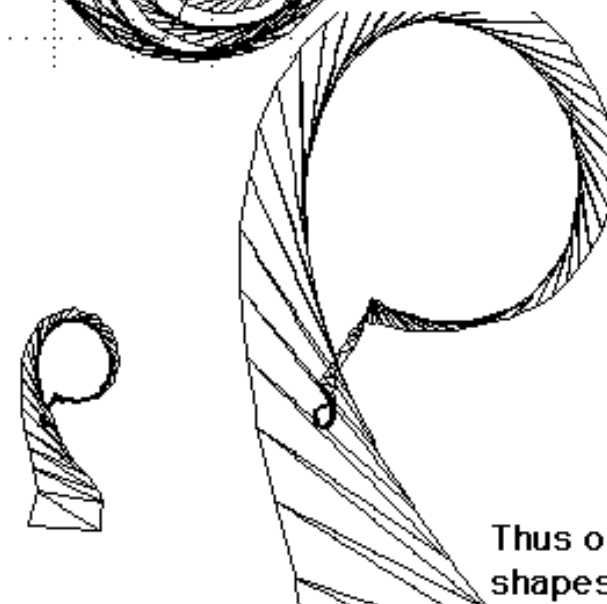
side view repeats



then they are each
A FRACTAL FROM ANY ANGLE IN 3D !

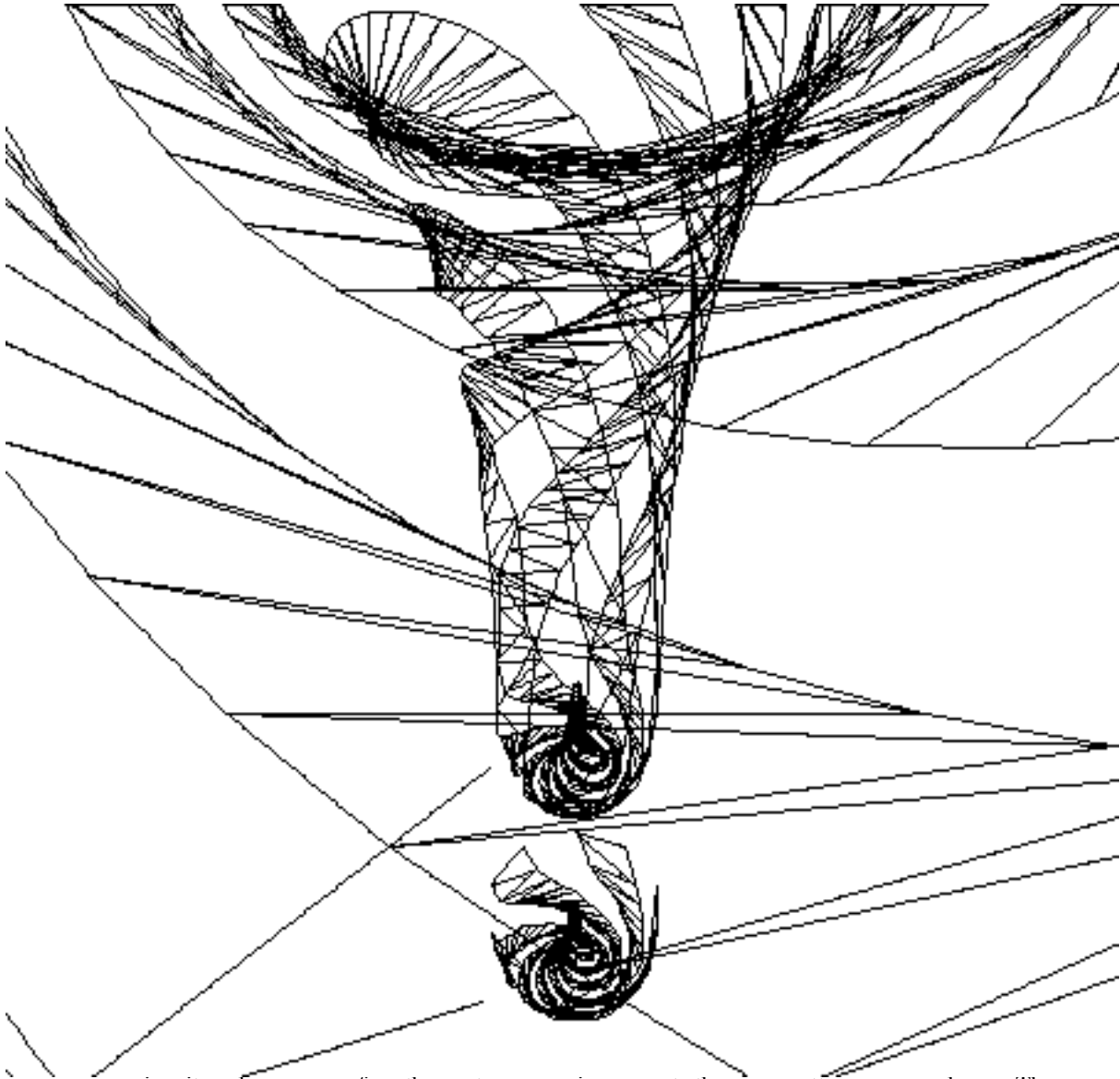


This means that once the letter is
"pronounced", it phi sically sets up the
necessary path, or set of ratios,
to cascade infinitely inward and
outward. Thus every letter would
find itself inside itself, going
thru center, like this letter "P".



Thus our alphabet (of the Heart)
shapes atom, cell, body, planet, galaxy...

Notice that the center of the repeating torus/donut, created by the spin of the flame letter, contains a mirror image of the whole donut. Thus it repeats itself, inside itself... inward and outward infinitely. (From above it looks like one continuous nest of golden mean spirals, just like DNA.) No matter where you zoom in or out ...



as you view it, as long as you face the center, your view repeats the same pattern, over and over. The pattern is literally our alphabet.

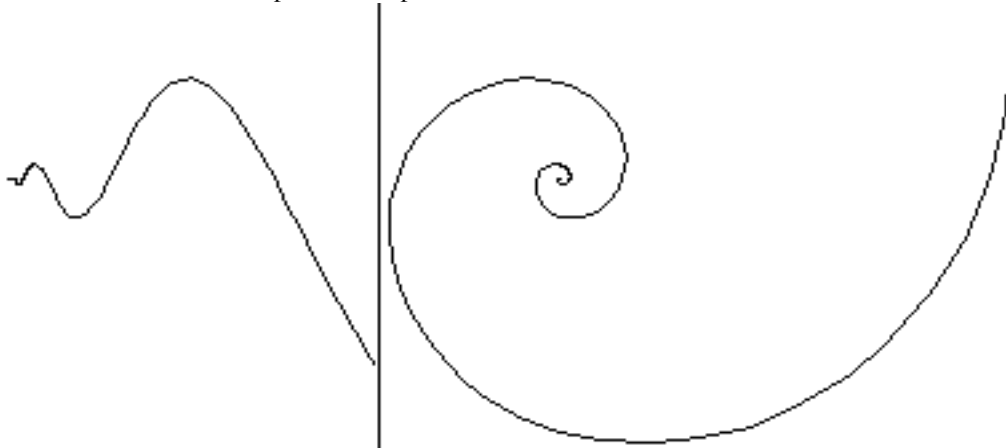
The map for donut making is the same for light years as it is for micrometers.

This infinite, fractal, recursive quality of the shape of the origin of language, is exactly the nature of consciousness. (Consider also the topology of the whole brain as an inverse mirror of the brain stem.)

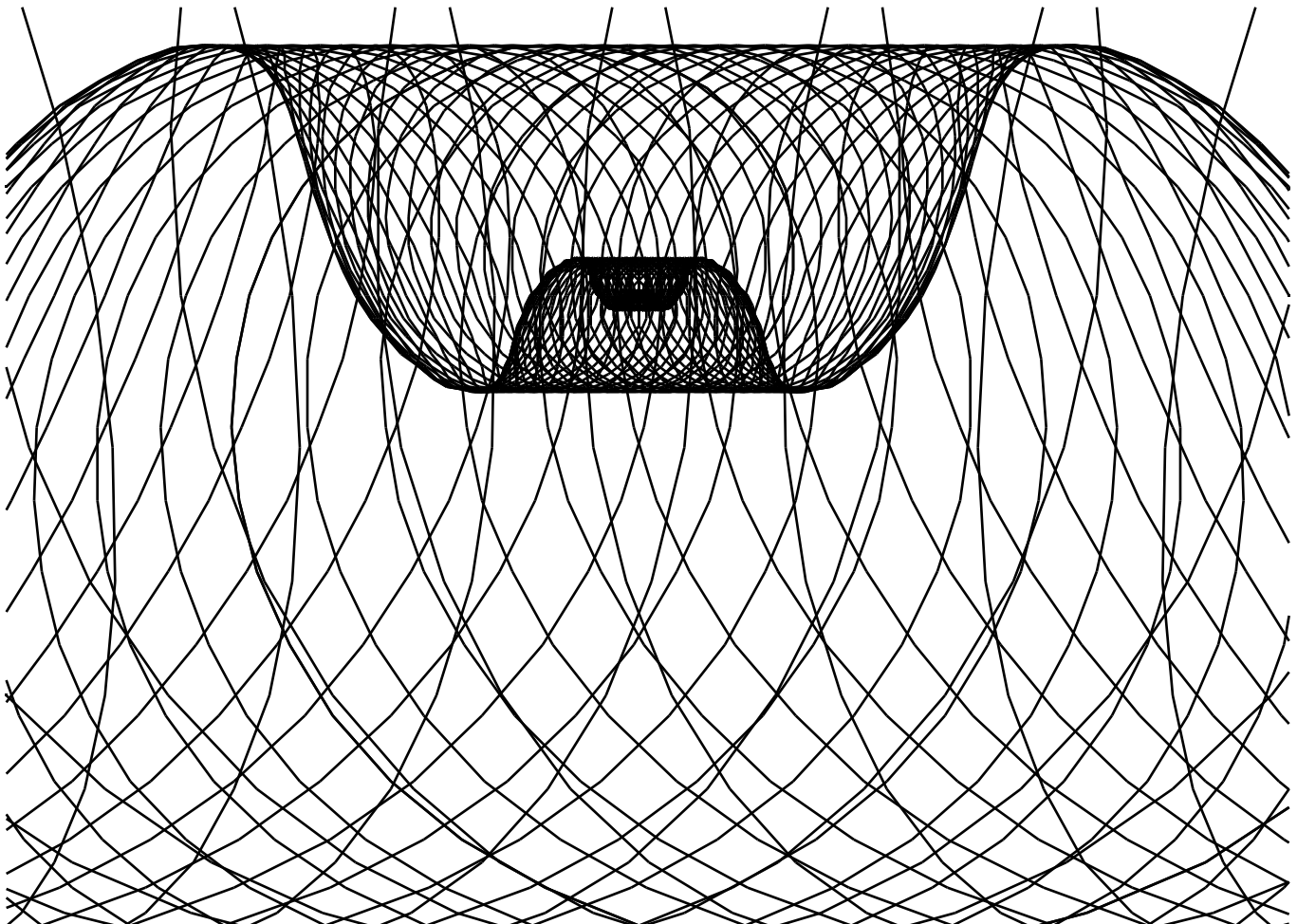
Self-embeddedness is the mechanism which allows consciousness to “pull itself up by its own bootstraps.” This golden mean geometry of resonators, is a feedback loop which needs only itself to begin with. Fred Wolf in “Star Wave” and Louis Kauffman, mathematician, independantly derive the golden mean (1.618...) as the idealization/essence of the feedback

process. Note too, in “Coming Breakthroughs in Biophysics” (Fusion Magazine, 9/85: Tennenbaum) describes DNA as negentropic (self-ordering!) BECAUSE of Golden Mean pentagonal nest geometry!

The golden mean spiral seen from above, traces nested pentagrams on a plane. (DNA from above, cf section: Braiding DNA.) However in 3D, that spiral recedes into the cone which connects the 12 faces of the infinite dodeca/icosa.. one inside the other. (Merkabbah). That 3D spiral seen from the side, is a perfect damped wave/caddeuceus..



which when spun around, creates the recursive/fractal from all perspectives.. Grail cup..
(DNA as chalice)

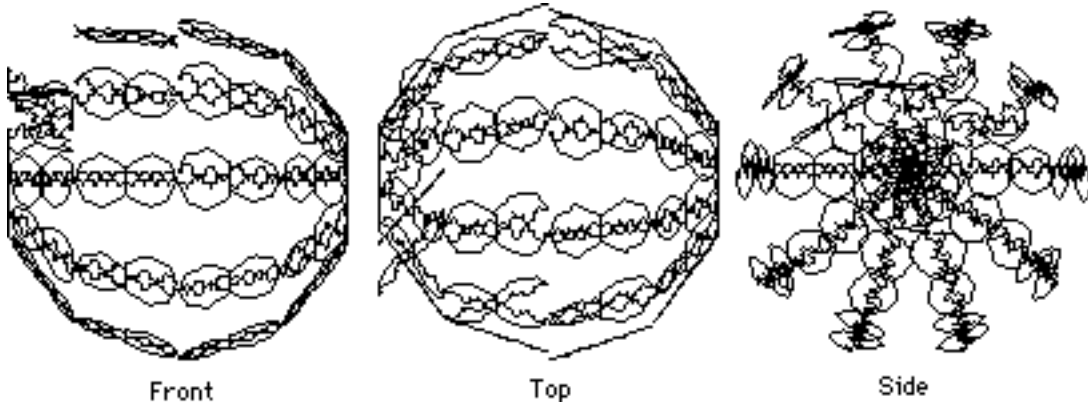


CONSUMED PERSPECTIVE:

THE FACES (PHASES) OF ONENESS..



It's interesting to think of the brain from the perspective of Stanford biologist Bruce Lipton. He suggests that information in biology is processed by the memory stored in the shape of the folds on the surface of membrane. Thus the membrane is the CPU of the cell's computer. Thus he suggests that the brain is an example of what a cell does when it wants to expand on the available folded surface on which to store and process information. Thus the folds of the brain maximally convoluted surface are really ONE cell at work storing more shape of touch. This is consistent with what we know of Structural Stability and Morphogenesis (Rene Thom) in biophysics, where biological shapes like cells are modeled as the surfaces of mathematically coherent standing waves.



Cell Membrane shape is a Folded Library Storing Every Touch, as Wave on Envelope. The Phase angle of the touch to the soap-bubble determines whether it adds spin and is remembered, or bursts the bubble. The origin of word "making power", is "wet-making" power. (Fabre D'Olivet) The alphabet of symmetry is the only permission to touch.. among membranes (waves re/membering).

Simply put, a fold or ply in a surface, can stay there as wave, only if the touch or "geometry/symmetry of pressure" that put it there harmonically fits the nest. All membrane's have a weave pattern of waves, both long and short. Only those waves which are "harmonically coherent", or can "phase lock", can remain standing in a nest of weft and woof, to create membrane. (cf "Structural Stability and Morphogenesis")

The sacred alphabet of phase symmetry, thus literally articulates the only possible ways in which the coherent fire of identity or membrane can be nourished. The flame knows its own.

Membrane in this sense creates the only inside/vs/outside, or self/not self, possible.

The coherent sonics of emotion, create by the weave of shape as touch, the long wave of cellular membrane immune identity.

Similarly, "Bioacoustic Habitat Theory" (Whole Earth Review, winter 87), illustrates that a blanket of sound coherence, filled in every sonic spectral niche, is actively maintained by a forest. In this way biology's thin film "zone refined" biomass, creates the membrane and grid of Earth, by her long waves: identity for Gaia in the songs of birds and whales. By refolding membrane, a cell (or planet body) can switch, like a moire grid... creating the light pulse pattern or "meme" called virus, at will.. by conscious choice. Emotions touch, massages envelope.

The planet's thin film "monolithic architecture" semiconductor, called biomass, performs an exactly analogous function. The gravitational (orgone & etheric) slip knot called Gaia, is created by biology's coherent waves, such as the whale song weaving grid/membrane/mind in piezoelectric ocean. The galactic/solar gravity bloodstream is switched consciously into an

intelligent identified intentional body: Gaia, when Earth is allowed to resonate-sing her song. Elsewhere we have discussed the usefulness of her having imported the AIDS virus. The silver bullet/viral information bubble/meme massages our envelope to require coherence in the aura, not just the skin. A useful step on the way to metabolizing star light directly. Earth responds to trauma to her skin, by creating a virus/ information wave packet, which produces the necessary pressure/touch on us, her symbiotic children, to identify (phase/face lock) with a larger folded context: our aura/her body. Riding the long wave of biology, embeds us in her. The survival test: coherent emotion feeds our cellular membrane AND hers.

Being embedded fractally in a longer wave, or larger spin, turns us around to the question of worlds within worlds. We often think what a mystery it is to enter “another dimension”. It is easier to imagine than most of us believe. Think of a cube. Tilt it up 32 degrees. Now spin it around the vertical axis. (Per cover illustration, & computer animation). You end up with 12 faces each with Betsy Ross’s pentagonal star on them. And you have perfectly outlined a dodecahedron.

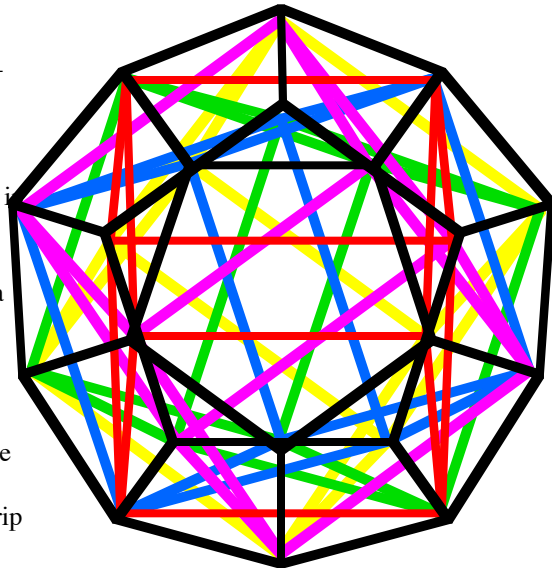
Now if your origin cube was a nest of vortex pair donuts, then your resultant dodecahedron is a flow form made of the same stuff, except with another wave length harmonic, added at the beat node points. Another wave length, another harmonic, another axis of symmetry, another spin, another harmonic tensor in the spectrum analysis, another dimension, another context.... all these phrases mean essentially the same thing. When one system or mind enters the symmetry rules of a larger system (or context or mind), then the potential to superpose information on the bubbles of light.. literally enters- becomes ONE with- another dimension. “Phases lock.. faces”.

With our new computer graphics we have animated the pure geometric origin of sacred alphabet, as a set of the symmetry or phases (faces) of the slip knot of a spiral strip off ONE donut. The donut or torus is hydrodynamics only self organizing field, and shapes EVERY domain. The nesting of these torus donuts creates the atomic table (Leadbeater, Besant, Tannebaum, Moon, Phillips) as a kind of tilt the donut cookbook, from light. Hebrew (or less parochially, the Chaldeic, Emerald Tablets, Tablets of Destiny/ Language of Light) turns out to be an instruction set for the weaving of matter out of light, by the tilt angle of donuts to make the Platonic solid symmetries (called Nucleus and electron shell).

Further, we have animated that the tilt of this single 3spin donut is all the cone of the eye needs to pick up the percentage of 3 primary colors. So the photons donut slip knot, needs only phase or tilt angle measured by the cone of the eye, to know color. (The computer animation documents the pure geometric origins of color paper by Ronald Oldchurch, appended to “Planet Heartworks” text.)

Additionally, the 7 color donut electrifies the heart (“When Time Breaks Down”, electrodynamics of cardiac arrhythmias by Winfree). Thus the shape of the source of the heart sounds which choreograph all the human conditions’ superconductive ecstasy, is an alphabet of samples (phase locked) off the same donut. Emotion, by choosing the harmonic (cf Sentic) phase angle, sets a long wave harmonic cascade up.. which rings down to cell and up to planet. All this, is in the same alphabet of phases off the same primal nested donut. Only harmonic symmetry persists or stands as wave on any membrane “identified” surface. Emotions power is measured by coherence. Simple whole number ratios, are the alphabet of this and every syntax.

Thus, if we imagine to find ourselves soon on Earth to be comprised of ONE body, we may soon discover (consume) the faces of our collective symmetry. Only the pattern, weft and woof, of symmetry allows information/specialization/individuation to be revealed as a modulation on a carrier wave. Overmodulate the carrier, and the signal dies with it. Fred Wolf in “Star

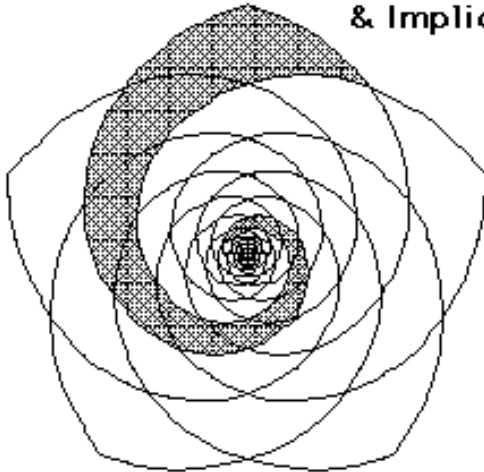


Wave" documented that the golden mean is also the optimized ratio of new information, which can be superposed on existing pattern. The golden ideal of recursion/consciousness. We discover that Earth grid is a golden mean, dodecahedral gravity nest. Her faces are Dolphin.. Australia, Eagle... Pennsylvania(US), Bear.. Russia.. and all around. Richard Leviton (writer East West Journal), has explored the many star systems which are systematically and fractally imprinted on the topo of Earth. By consuming these perspectives/ face (phase) locking, we discover and identify our collective body. Gaia's folded surface is waking up to reveal the symmetry of ONENESS. Blink in time, to see her there.

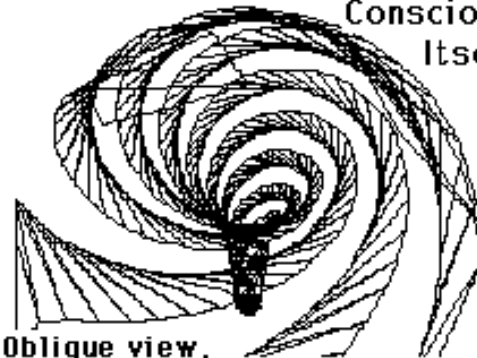


Pure Geometric Origin of the Text of Genesis & Genetic Material Interpreting the Code of Infinite Fractal Recursion, & Implications for the Nature of

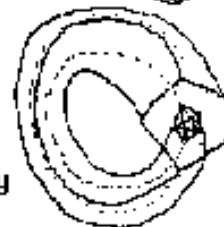
Consciousness
Itself.



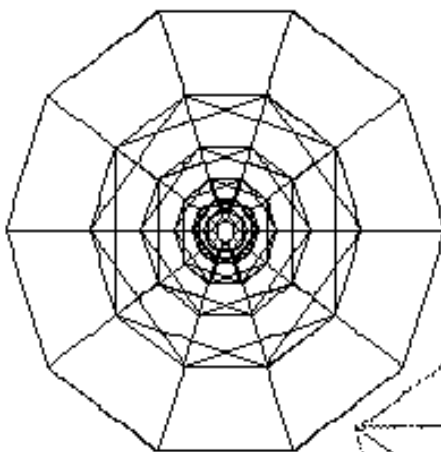
10 spirals of the golden mean:
top view of DNA & the "flame letter"
source of all the Hebrew letter forms.



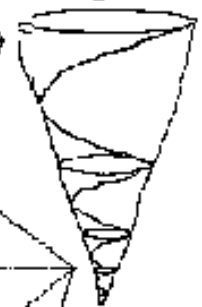
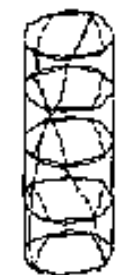
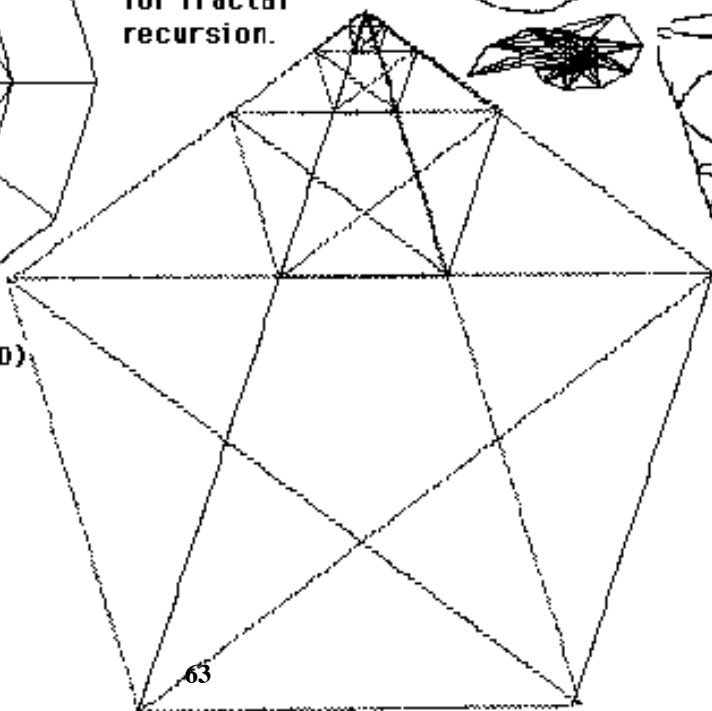
Oblique view,
traced on donut/torus
(the whole cup shape
repeats itself in center



The nature of this
form presents
infinite possibility
for fractal
recursion.



Nested dodecahedron
(pentagonal spirals in 3D)
model:
DNA,
gravity grid of Earth,
City of Revelation,
origin of alphabet,
faces of zodiac...
golden mean=phi-cycle.



Having graphically outlined a pure geometric derivation for the origin of the alphabet, and of genetic material, we should sketch an approach to interpreting these insights. Since the implications are so vast, it is necessary to include physical, spiritual, and psychological metaphor, tightly woven.

Let us review the graphic components which produced this synthesis:

we took:

- + the golden mean spiral,
- + the shape of the primal torus donut
- + the symmetry angles of the platonic solids

we laid them one upon the other, and produced the origin of our sacred alphabet.

The same spun tetrahedron and cube which spun to trace out those letter forms, also traces out by spinning to those same 72 degree-1/5 circle phase angles, the dodecahedron. The top view of this ratcheting form turns out to be DNA.

The 2D and 3D nature of this nested pentagonal form (as pent nests, as spiral nests, as dodeca nests), are all infinitely recursive and fractal, or self-embedded.

Now we must ask, what have we learned:

- + about the instruction set of the text of genesis?
- + about the flowering wave guide nature of DNA?
- + about the nature of recursion or self-embeddedness in consciousness itself?

Self embeddedness seems to be the only way waves could build matter. Looking inside the nature of self-organizing flow forms, only this principle (called symmetry in some context), of flowing back inside oneself to know oneself, is self generating enough to call form up by its own bootstraps. Thus, the essence of recursion itself is most richly deserving of the retranslation of Sepher Bereshith (Genesis): as "at first, IN PRINCIPLE".

Both Louis Kaufmann, mathematician (University Chicago), in his work on recursion and knots, and Fred Wolf in "Star Wave" conclude that the golden mean ratio represents the ideal or optimization of recursion/embeddedness itself. And thus it is the ratio in principle of consciousness itself, in that the maximum ratio of what is new which can be added unto pattern, without destroying the reference pattern, IS the golden mean. Consciousness becomes a name for that principle (of focus or flame) which by ordering preserves pattern.

In a universe of flow, only a certain series of turns, or phase shifts, produces a flow which will SLIP (k)not. These geometry of knot or flame shadows turn out to be the alphabet of allowable symmetries which nests electron shells, and trace the Quechua and Hebrew letterforms. Thus an appropriate reinterpretation of the first verses of Genesis which contain the symmetry groups which are key to the entire language, would be as a cookbook for weaving up fractal recursion of light flow into matter. This text would by virtue of being a self-organizing symmetry set, be a readable instruction set for how to tie useful knots, helpful equally at intergalactic or subatomic scales.

The pattern of turns which creates standing waves, is thus literally the memory of the way into and out of, our habit of attending to the node, and not the wave. It is our gatekeeper in matter. For example, walking the sequence of phase angles or turns called the Chartres cathedral labyrinth, trains consciousness in the turns of mind necessary to enter and leave matter. The dense center of the slip knot of flow, called matter, holds our attention only until we learn the pattern which put us and our attention there. In the same way that the labyrinth or homeopathic remedies contain the shape of pattern necessary to enter and leave certain slip knots, so to does the sequence of instructed turns which are Hebrew.

It is profound coincidence that the 7 color map of the donut, maximum number of colors which can all touch EACH other, is the map of the donuts tilt traced by the golden spiral on the donut. The same donut tilt then derives the perception of color (cf video), the electrical rotor energizing the heartbeat, and the phase nest of our absolute alphabet.

Creating flow-form waveguide for consciousness (our name for living recursion), is no more or less esoteric than building a good microwave amplifier. (A lesson nature learned well in the construction of insect antennae, and practiced by the druids in the construction of paramagnetic dolmen.)

To be fractal or self embedded, is to be self-reflexive: long a primal signature of consciousness. Know OneSelf. Because the nature of this flow which “knows itself” is written in scripture, we do well to appreciate the alphabet of shadows on the wall of this cave, as a map and template into the nature of self-organizing consciousness itself... strung up out of chaos.



What is Focused Attention?

“Attending to the Phi-lo Tactic Tree... A Network of Light”

Is it attention’s focus itself that nests waves to spin, inventing dimension—the embedding of spin upon spin? Reflecting upon the matter, Alice,

*it **was** all done with mirrors....*

**Is Attention Itself,
A Fractal Vortex?**



RETURNING FROM the Gurdjieff mystery school, I was asked to speak in a beautiful church by the lake. Being a bit naive, I reconstituted the instructions I had been taught for experiencing the discipline of attention. The practice in the “school for gurus” is to *move your attention into your little finger* until you can feel “feeling” there. Feeling means a tingling sensation or what I call onset coherence. Suddenly I was dealing with one excited woman.

She claimed that a big lump which had been on the back of her hand under the skin for years had just disappeared. A room full of people place their attention on their left hand and then this woman has a lump under her skin in that hand “melt away.” She was worried because something unseemly might happen now that part of her had melted away inside her body. Her concern was that it might crystallize somewhere else not under her control.

Perhaps it was because I was young and expected the world to be understandable, but I required a reasonable explanation. I didn’t have an answer back then. But I sure planned to find one, but not an answer in spiritual multivalent abstractions. What I required was an explanation in terms that a klutzy kid known for fixing motors in an electric shop would understand—something that would make sense to any plumber.

We need an explanation of what is human attention or conscious focus in plumber’s terms. The unified field (that is, all of every stuff) is compressible fluid. Well, that’s plumbing. So how did that woman’s attention on her finger cause disorder to melt, like a knot in the plumbing of the light bubbles we call biology? If we figure out what attention is, then we might figure out what it’s good for.

We have our human body of biological molecular mazes. The quality we call attention or consciousness wanders around inside it, inside us. Yet however elusive this “attention” is, you move it somewhere and poof! the field changes. A warm glowing feeling begins to grow around wherever we place this attention. If you can’t change the temperature and move the blood in your

little finger by just moving your mind there, then either you aren't trying with "good" intention, or you haven't practiced. So what is attention?

The wave nature of everything is like the waves looking for a node or still spot on a guitar string. You focus the finger of your attention in one place and you get music. A node makes a note. Stillness creates. Choosing the place that doesn't move in a flow, where everything is moving, establishes the pattern. Pattern in wave is another name for matter, so choosing stillness in the flow creates matter.

Have you ever noticed that if you get an itch, but don't scratch, your mind focuses there until the itch burns? Keeping a certain pattern of pressure flowing is an excellent plumber's description of a flame, of burning. The focus of mind lights a fire by creating pattern in the flow of pressure. In the hydrodynamic (flow) universe of pressure, all that fundamental physics describes are variations in the pressure of one unified field.

The only way the universe has of storing in-form-ation is by keeping the pressure dancing in a flow around a focal point. You remember what gets burned in. We are saying that something physically happens in the plumbing of all things when we simply place our attention into any "thing." But why is this?

Remember, seeing anything is to establish relationship with it. If everything is relative then when I see a blue book, what I make by my looking there is relationship. Establishing relationship makes ratio. If you get into physics, you learn that in an absolute sense, we don't have scale, only ratio. We could be moving away from each other right now at the speed of light, because only our relative position is ever perceived.

Let's look at consciousness as an attractor. An attractor is something that draws things into its pattern. The job light waves have in making matter/fire/memory is to remember how to be drawn into pattern. But what draws light into a pattern? We know that pattern is ratio and that matter is a wave nest for light, but what put the pattern there?

Light in straight lines does not make pattern (memory), because it never comes back around to re-member. So in order to store the inertia in light, you need to bend it into a circle. Only circular or gyroscopic motion will produce inertia. Mass is measured in physics only by inertia. So persuading light to go from a line into a circle creates mass. Mass is like little gyroscopes remembering to be still because they are spinning around a center of gravity which they created.

Now we just said that choosing the place which is still creates matter and we implied that attention creates matter. Now we are saying that creating spin around a still center creates matter. What matters? Stillness or spin? Spin creates stillness in the flow, which is the illusion of nodes and matter, while stillness in the flow creates spin.

How weird to think there are two kinds of matter: matter and doesn't matter. Was there ever any data suggesting there was more than one substance in the universe? The one flow bubbles up in different shapes. The "fundamental" forces are no more separate than the light and sound in a sonic-optic hologram. Nor are they more different in substance than the electromagnetism from the gravity in a magnetic monopole which "creates" gravity.

Gravity is the symmetry possibility of flow between frequencies. It is a heterodyne interference beat among cascading waves. This fractal fit of the big wave into the little one is why the symmetry of the electron shell is a fractal of the symmetry of the nucleus. This makes gravity in the cascade. Gravity is the vortex made possible by spin symmetry. The language of physics is just a bit impoverished when describing the scalar relationship of fields moving coherently between frequencies, worlds, dimensions, or axes of spin. So physics has left us without a center of gravity when it comes to understanding the vortex attractor—gravity.

To grok the relationship of attention to the fractal wave vortex, you must understand at a gut level the relationship of emotion to gravity.

The long wave coherent ratios (emotion) create the cascade braid between worlds (gravity).

Thus we call them “heavy” feelings or “light” heartedness.

Getting a feeling for a universe made of one substance is the easy part. The tricky part is this: What does conscious attention do to this universal squishy stuff, the unified field? We were getting close to an answer when we explored what permits light to go in circles. Now we need to introduce a key term: symmetry. This is the stuff of which worlds are made. Give me symmetry or give me death.



Symmetry is the only track for light to go in circles. A piece of the donut’s symmetry is a byte off Adam’s apple—it’s a torus either way.

Light travels only in the form of torus donuts. To get the circular motion going, which remembers and stores inertia (makes mass), requires symmetry. As the light waves go round in circles, if the high and low bumps (nodes and antinodes) don’t fit into each other, then the light waves cancel each other out. If you’re a quantum mechanic, electron shell theory is like square-dancing. Thank God for the pattern. So when we create symmetry light finds it comfortable to make circles instead of lines. But what does human attention have to do with making symmetry?

There you are, after meditating for 300 lifetimes, when finally there’s a decent gadget to monitor brainwaves. So what do they find in your EEG brainstorms? In a word: coherence (*co-here-’an-see* .) It’s attention that puts the *co here in* among the *see* waves. Focus holds the light together.

Light moving in circles requires nodes or bubbles of pressure to come back into where it remembers being before—it’s another name for getting a dance going round. Focus on the pattern. Simulate symmetry.

Establishing the idealized pattern of relations (ratio) is attention/perception. Drafted in ratio, light nests. The idealized ratio par excellence is the **golden mean**. It forms the heart of all infinite wave ratio cascades and underlies the design principle of nearly everything in Nature. Since the ratio of the means to the extremes (0.618, 1.0, 1.618, 2.618...) cascades infinitely in perfect relation, it is the heart of the matter and very fractal. The fractal nature of a conscious drawstring attractor is what creates a vortex center, a gyre that will hold.

When the vortex zips faster to center then more memory flows in. Order replicates around that focus, while disorder self-destructs. Simple enough if you put your mind to it.

Let’s review some basic wave-cooking mechanics. In physics, we understand that all matter is a summation of sine waves of different lengths. Sine waves make everything in two dimensions, like an extension of the symbol for the TAO. In three dimensions, this creates figure eights which are donut-shaped. This torus donut (think of a smoke ring) is the self-organizing shape of all fields. Storing the tilt and nest of donuts makes an alphabet— a cookbook for creation. The alphabet was created when we located the spin symmetry of the golden mean spiral around the Adam’s apple field (donut). Teaching focus, as consciousness, to re-member how to “stand and wave” makes things like the atomic table and babies and planets.

Symmetry permits donut fields to remember which way they are spinning on their way around. The word *Eve* (according to Fabre D’Olivet in *Hebraic Tongue Restored*) means “word-making” or “touch-making” power. Symmetry creates the only permission to touch there is in the field of donuts. I call this “wet-making” or “blue-making” power, as opposed to *Adam* which D’Olivet says means “red-making” or “hard-making” power. Eve, the principle of symmetry or word making, tempted Adam, the principle of hard-making, to know or embrace the separateness among the universal oneness: segregating momentum, a-part from the whole, by byte-ing a strip from the torus apple, covering their membranes with a fig leaf. This was the genesis of the debate on the part-I-call versus the wave nature of light.

So only the self-organizing stands up to be named—or matters. Since waves add and multiply when they cascade together, they quickly find the best way to do both at once through the principle of the golden mean.

This golden mean spiral becomes the optimum path for light around the primal donut. The alphabet of symmetry is the remembrance of spin.

This is the top down view of DNA, the “network for light.” This is ten golden mean spirals wrapped around the primal donut. We’ll focus on the darker spiral strip, using the part to remember the whole. It traces the path of the fractal dodecahedron, which describes DNA, the Earth energy grid, and the 12 faced zodiac.

The fractal vortex nest of spirals makes 12 light cones as a harmonic path. Since this is the long wave of the golden mean, or phi, spiral, we call this way of relating *lo-phi* or lo-ve. We have measured this frequency ratio signature in the long wave sonics of the heartbeat at the moment of love.

Then we use this tilting golden path around the torus to remember how to tilt or spin in a way that produces the phase nest we call words or for that matter— matter itself.

Remember, all shells or membranes are made of waves. The only way your skin remembers touch is if the phase angle or fold fits the nest.

The folds on a membrane are the symmetry library of all the ways they have stored the touch of feeling. The human brain is an example of maximized foldedness on a surface.

Massaging touch to be recorded on the surface of memory-brane, is like rolling your touch onto the surface of a soap bubble without breaking it.

Optimizing the fold, remembering touch, is a Grail Quest for nesting symmetry. The result is literally the alphabet of symmetry.

Try turning this apple around in your mind, before you decide just where to bite.

This letter “a”... **a** is a font or burning fountain composed of a tilt view of that same spiral on the donut.

In a nut-shell, the alphabet was cooked up to re-member or draw attention to the symmetry which tempts line into circle: the making of matter. This font of letters is created by turning to different 3D symmetry views, where we see the self-organizing Golden Mean spiral wrapped around the self-organizing torus donut. These icons are food for thought: consumed perspective, the abc’s of creation.

Let’s consume another perspective by asking, Why did the Magi place fires in the pattern of the zodiac on the folded hills around Bethlehem? They created a fractal cascade from the body of pattern that is attention/mind to the face of the pattern that is the stars upon the land. Now what better way to create a fractal landing zone for attention to incarnate on the surface of memory brain, the landscape? The Christ principle (how to chryst-all-eyes) waves intergalactically toward Bethlehem to be born. Getting focus on the node from the wave, from energy to matter, is the fractal initiation called incarnation.

Attending to the folds appearing as faces on the surface of membrane Earth is ancient geomancy. The stones in a circle are plying symmetry in the folds of light called matter. On the long wave, new and shapely faces upon the landscape make new kneaded connections for the increasing conscious surface of Gaia.

For a tree, phylotaxis means maximum unfoldment in the light and minimum superposition. Don’t hide your light. The tree of life folds light in the pattern called phylotaxis. You wouldn’t object if you felt your lover’s attention in a finger of touch. Feel the attention of one great lover

touching Earth, as we nest into the new folds storing touch into biology, the skin of Gaia.

Perspective Consumed.... Algae Memories.

6/90



by *Daniel Winter*

“Laws of Form” is a book which radically re-rooted Catastrophe Theory and Structural Stability and Morphogenetic Biology. It did so by simply using the parenthetic brackets.... () in groups, meaning “inside” or “outside”. We could say also “self” vs. “not-self”.



By grouping or nesting these parenthesis, the origin of set theory, group theory, and ultimately the entire calculus was described. Essentially it was illustrated that no other language or symbol set was needed to self-bootstrap all of mathematics, and form in general, than just the idea of nesting something either inside of, or outside of something else.

Not surprising we discover the syntax of the ancient Quechua and Hebrew alphabets to be literally shadows of (k)nots. Symbol sets are made of turns either inside of or outside of....

In an important way, this becomes more evidence for the notion of a unified field. Given a universal continuum of pressure, stored as symmetry among pressure bubbles, the laws of form become the nesting of membrane inside or outside. The

universe as ONE uninterrupted wave surface, remembers by storing a calculus of forms onto folded, nested, “cell” membranes. “tiny bubbles, in the wine”....

Bruce Lipton, Stanford Biologist writes in “membrane mediated biology”, that membrane surface is the buck stops here, CPU of cellular information processing. This is because folded into (wave) surface stands the only way the universe HAS to remember: a pressure wave phase locked by symmetry to stand to create surface/membrane/memory/self/not-self. The virus tests the lock of cell membrane by matching the frequency “key” signature of gene-nome, against the frequency signature of cell membrane. Cell morphology is a “written history” in resonant memory of the shape of the ways it has been touched, woven to stand as wave-shape.

Lynn Margolis stands powerful on TV defending an information origin of the Gaia hypothesis based on millions of years of algae eating each other. Algae performed the longest series of tests optimizing survival on Earth, by literally consuming each others genetic memories, enveloping each other's membranes. First #1 eats #2, which ate #3, which had consumed #4 which ate #1's progeny which already contained #3 which ate #2...which had enveloped.....

You get the flavor, try representing the genetic information contained in millions of years of nested, recursive embeddedness- using parentheses. It becomes a biological world of braided membranes, a labyrinth of memory.

Because the Algae did not put a separate membrane around their nuclear genetic material, when they consumed each other, their genepool survival memory library was immediately shared with the “consumer”. (Prokaryotic vs Eukaryotic). They contained no secrets.

This membrane-less nucleus may be described in another way. It is as if biology conducts an experiment for a few billion years. First all genetic memories pour into connective cells, no separateness. Then for a much shorter time, biology tests the second level of abstract symbolic separateness, another membrane forms: the nucleus. Now self is more separate from not-self. We might call this the Adamic race period, translated as hard making or more precisely separate-making power. Our human experiment tests this extreme of imagined separateness. Human's live in “apart-meant”s.

A similar case may be made for the significance of the myelination of the nerve sheath. Result: higher voltage/pressure/separateness could be carried in the symbolic nerve world hologram. Result: capacity to “sail into abstraction”/separate: Eye/Imagine. If computers couldn't be leveraged with anything but *literal* machine code, we couldn't program them.

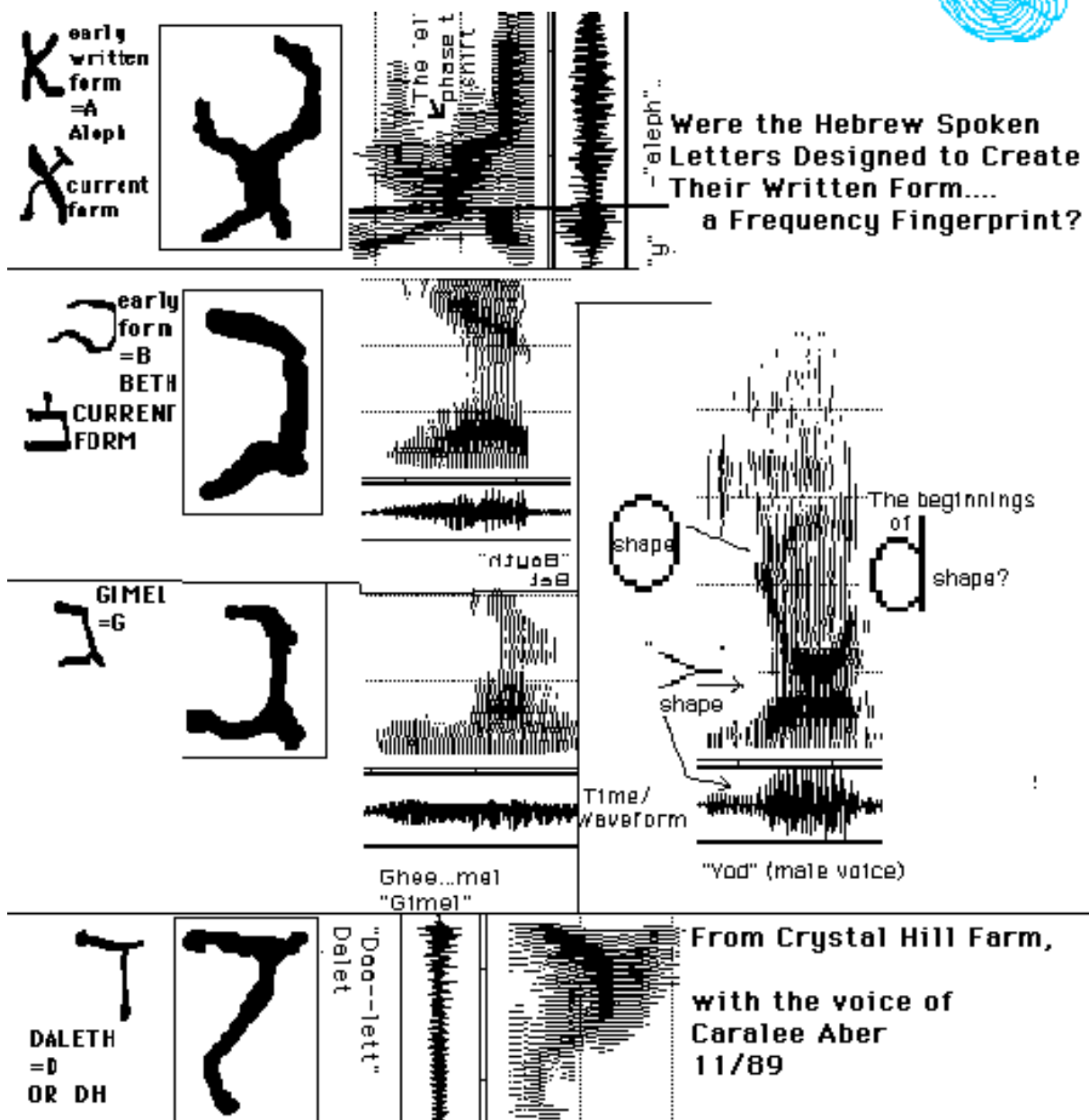
We make “value” judgements: good vs evil, self vs not-self, separate-making vs one-making power. The hardness serves, even as cancer serves. They are useful for testing: which memories CAN be shared?

When the time comes, when we have tested all the separateness we have a taste for, we can then give up the imagination that our thoughts are secret. This is a kind of Hopi meeting tent or “scenes from a marriage”, when the waves of our memories are freed/relaxed to interfere constructively or destructively as they might, until they co-here.

During this time of “a mother and child reunion is only a motion away”, it is useful to eat the blue-green algae. Merging our memories back into the genepool of life, we permit the test for what is worth harvesting of our imagined “self”.

By doing the tingling re-mingling with the genepool, gently, the rapture comes as a delicious fire of energy gradually washing through our memories, filtering what stands as wave to share as symmetry, from what washes away, as disorder (evil) does wherever there is light focus. For those who resist the time of re-mergeance, the rapture will be somewhat hotter in apparent presence. Pain is a name for the focusing of the ordering principle, when its presence is not invited. When it's information riching flow is welcomed, it is called joy, rapture, inspiration, the rush of knowing..... Superconductivity keeps the nervous crystal cool, relaxed, while at the sweet heart of in-formation.

Eating the re-vitalizing blue-green algae food, unpacks shared memories in unfolded electron spaces like the alkaline lake where it grows. We consume the perspective folded into the (membrane) shape of all of biology.



A Frequency Picture Alphabet..

... Speaking of the Shape of Sound.

11/89

In observing these spectral pictures of our alphabet...

..please re-member our usual operating hypothesis. Consider the universe as a nest of sine wave donuts. That is, the “Fourier Transform” notion of physics which tells us ALL shapes may be seen as the addition of simple sine waves.

So breaking down the syntax of the alphabet of creation as it were, resolves again to this “how shall we make these donuts hang together in their nest”. We have seen in 3D the issue of their nesting may be summed up as what symmetry the Platonic Solids allow. Specifically, tilting our donut strip produced shadows which are Hebrew, when the amount of tilt was correct to make the Tetrahedron faces. The tetrahedron’s same symmetry or mirror axes produce all the Platonic solids. We have suggested this is the exact cooking up process which nests the electron donut domains into the Platonic nests (1,3,5,7 = 2,6,10,14) subshells called “Atomic Table”. Thus this symmetry nesting of the donut turns out to be the right alphabet for matter’s cookbook.

When the rules of what sine waves will hang together to make one bubble-surface-membrane are considered, the origin of the immune system in phase coherence emerges. This is to say that the simple octave of possible ratios which make emotions coherent in the Sentic literature, weaves the membrane by nesting. Nesting is only possible when phase coherence, simple orderliness of ratio carried between frequency, occurs.

We are ready now to look in another rather narrow little band of frequencies: that of speech. It is true that the high voice and the deep voice may send their message in very different octaves. However, as we shall see, the true information we call speech rides pretty much in 5 narrow octaves, regardless of the scale where the octaves are carried. This has to do with, we might imagine, the number of wave lengths of the vocal chords carries along the length of the tongue where its’ envelope is massaged, before rolling off the tip of the tongue.

The simple number of coherent possible RATIOS which nest within this bandwidth, become the vowel tones. If you had a tongue to put an envelope (lining up the tips of the little waves into a bigger wave..a nest), on a carrier, what ratios could you produce? (Between carrier wave length and envelope wave length). It does resolve to the length of the tongue massager whose shape introduces envelope onto the singing vocal chords. Say “A,E,I,O,U”, is there any other fundamental shape left unsaid in your mouth?

Since the articulation of matter out of light resolves to this same work of getting the (phase) ratios right among the donuts, it seems correct to SAY that proper articulation of the harmonics of speech, may do every process necessary to create. If we get the ratio nest set right in sound, then we shall have the skill to do it with light a few dozen octaves further up the scale. Sound is a padded cell for us, in which to practice creation.

Getting closer to a 3D visual of the shape of the coherent pressure wave which leaves our mouths, may be very empowering to our creative process. It may serve us well to imagine this nest of artfully woven pressure bubbles wafting from the lips, dancing about our spaces, weaving our dreams into shape.

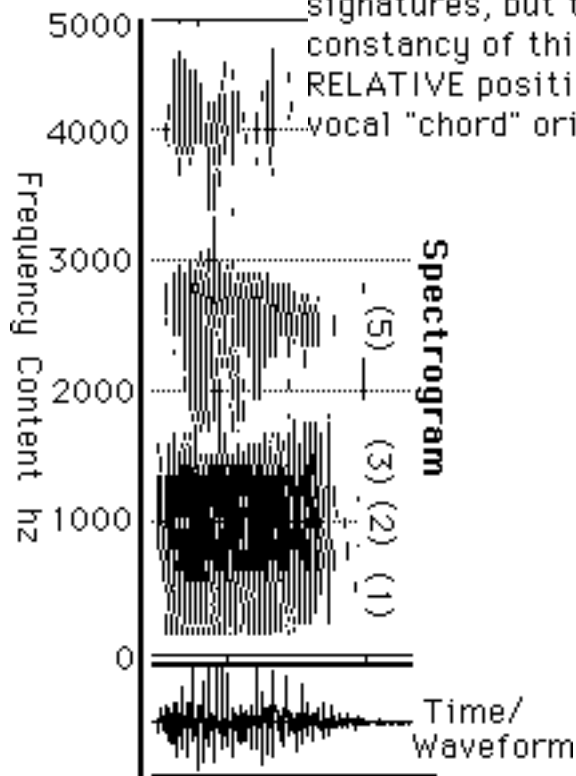
And so the sonic pictures.. the frequency signatures.. the Fourier transforms... the spectrograms... (amazing how many names we can have for SHAPE):...

first..**Understanding vowel sounds from the shape of the mouth and tongue..**

We might think here of this "aaah" vowel sound as being roughly in the key of C, where we have approximately harmonic 500 hz, 1000 hz, 1500 hz, and 2500 hz.



In terms of RATIO this is (1)x, (2)x, (3)x, and (5)x. A kind of step function harmonic series. The point is that the "aah" of a little girl or a throaty grandfather might be in radically different octaves or KEY signatures, but that recognition lies in the constancy of this RATIO, established by the RELATIVE position of this tongue from the vocal "chord" origin of the carrier wave.

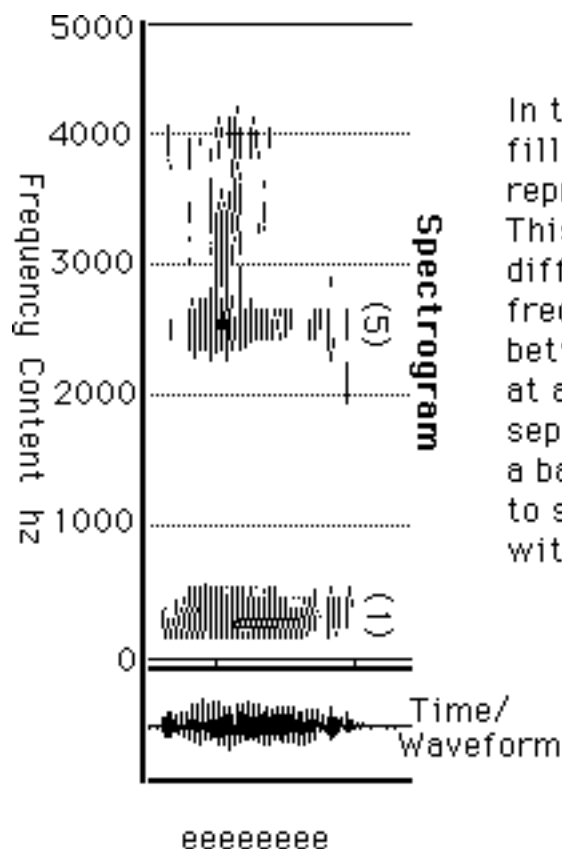


aaaaaahh

Overtone (1),(2),(3)&(5) present
The gently sloping tongue in the oral cavity permits an even unpacking of all the basic envelopes on the carrier wave of the vocal chords.



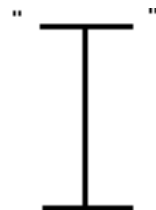
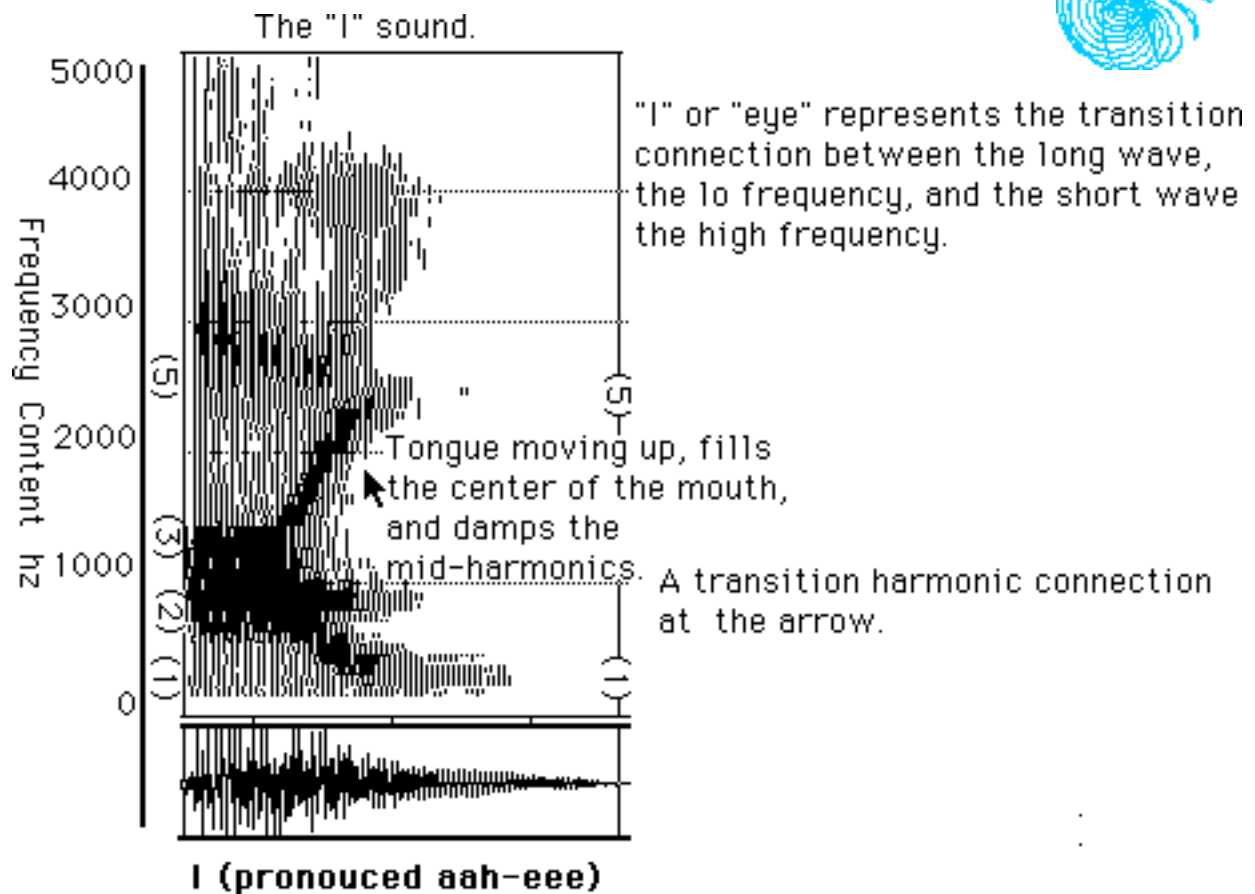
A capital A on its side could be a pictogram for the shape of the roof and floor of the mouth, with respect to the tongue, and is in a way, a kind of graph of the inclusive spectral content.



In the "eeee" sound the tongue has filled the center of the oral cavity repressing the (2)x,(3)x, (4)x harmonics. This sound represents the spectral difference/separateness of lo and high frequency without their midrange bridge between those worlds. Squealing "eeee" at a mouse is metaphorically saying separate me from that, create a membrane a barrier between worlds. There is no way to say "eee" without creating a barrier with your tongue inside your mouth.

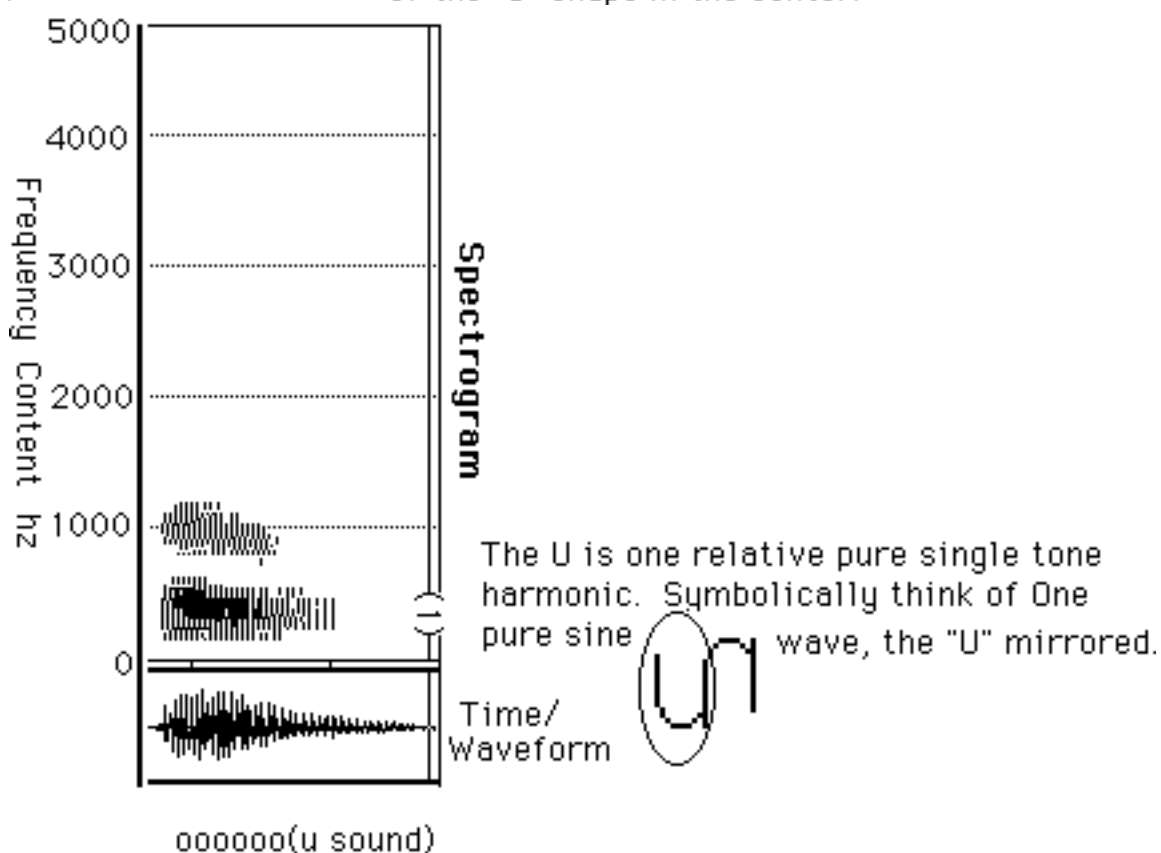
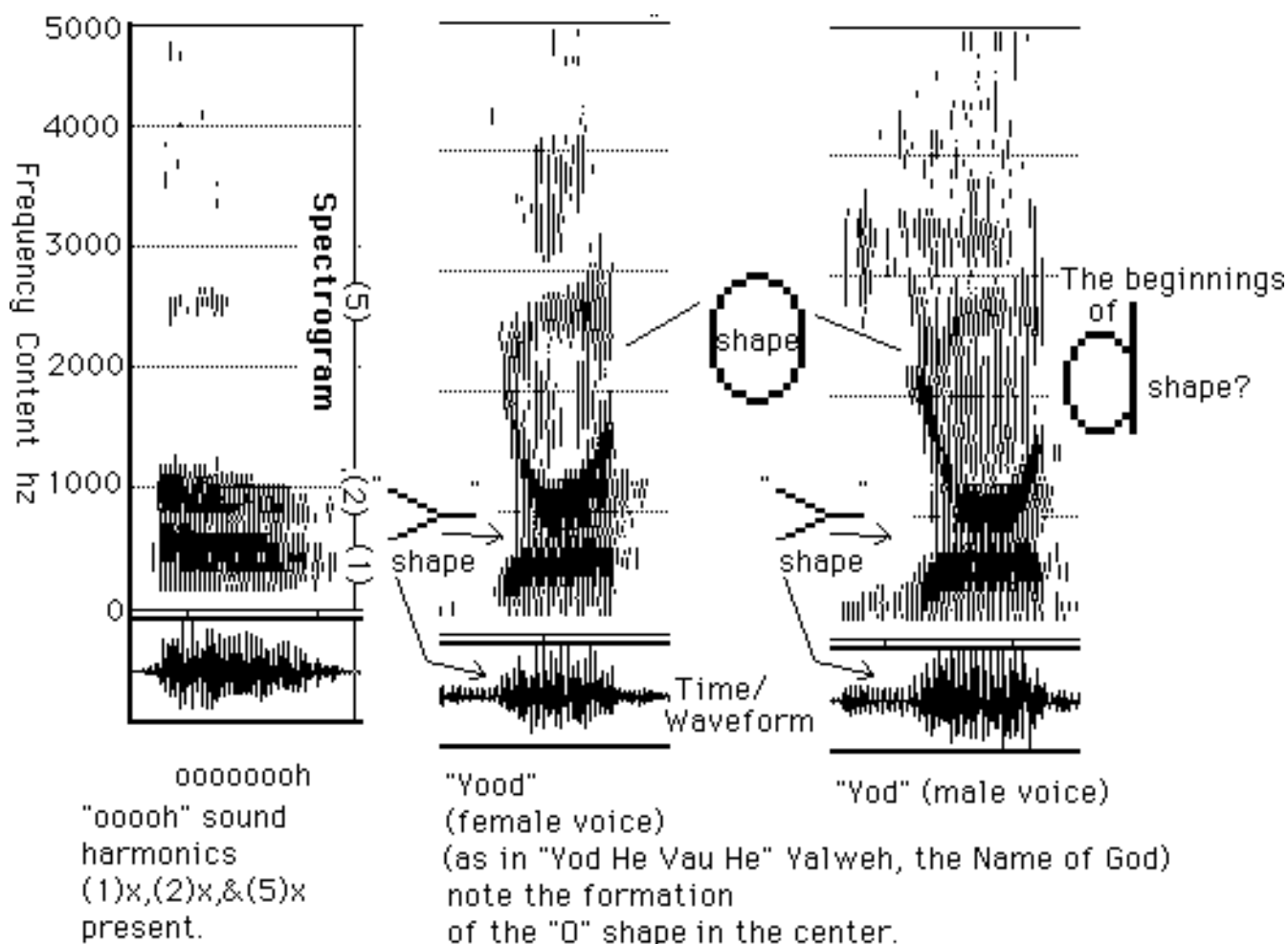


An easy way to remember the sound picture of the "eeee" sound is to think of the capital letter "E" on it's side. It is a graph of the frequency/energy content of the "eeee" sound, the Lo and Hi ranges present, the Mid range sound harmonics are squeezed out by the tongue filling the center of the oral resonator/mouth.



am (or the "eye" is)

a vortex wormhole connection between frequencies above and below. The "aah" is their connection, the "eee" is their separateness, The "aah-eee" is the transition between their separateness and their oneness.



“A SOUND (AS SHAPE) LOGIC TO THE ORIGIN OF THE HEBREW ALPHABET”

We have seen that the shape of alphabet (particularly Hebrew, but by ancestry most other western alphabets), may be derived from the tilt of the donut. This donut, as a 3D spun sine wave, brews up matter by nesting symmetrically.



Since the absolute blindingly brilliant logic of the letterforms strikes us in their written form, it is sensible that we might look for reason, in their spoken form.

By using a phase or tilt angle template 3D holograms are “cooked up” from a film-2D flatland. This is our symmetry space compared to those El phase turned in the next “dimension”.

This dimension leaping symmetry filming amounts to a literal description of what is written sacred alphabet.

Our technology commonly uses coherent sonic holograms to switch (or modulate) optical ones. (Examples include sonic holography in non-destructive materials testing, and phonon/sonic zone refinement in monolithic crystal semiconductor architecture). This coupling between sonic coherence and optical coherence suggests a pure physical creative potential in clear speech.

Did you know that insects are often attracted to you in the forest because the sonic pressure wave order in your breath can cause the water vapor in the air to laze and maze? Small creature antennae architecture is a-maze with microwave intelligence. (Phillip Calahan: “Tuning in to Nature”) (A maser is a microwave-coherent laser). Bloodstream for mindfulness in shorter creatures is shorter waves. Coherence remains the glue.

The coherent shape of the pressure wave woven bubble that leaves the mouth in articulate speech, can be a template for the tilting of light donuts into matter.

This is particularly true if we understand the sound wave harmonic pieces of each letter as starting a frequency cascade braid which reaches up the ladder of frequency, to light. Both spectra are pressure waves not differentiated by substance, just wavelength and “phase” order. Remember, there never was any data which indicated the existence of more than one substance in the universe. Shape, and pattern/ wave and length are our only imaginers for separateness. Name is how we hold on, or “touch”.

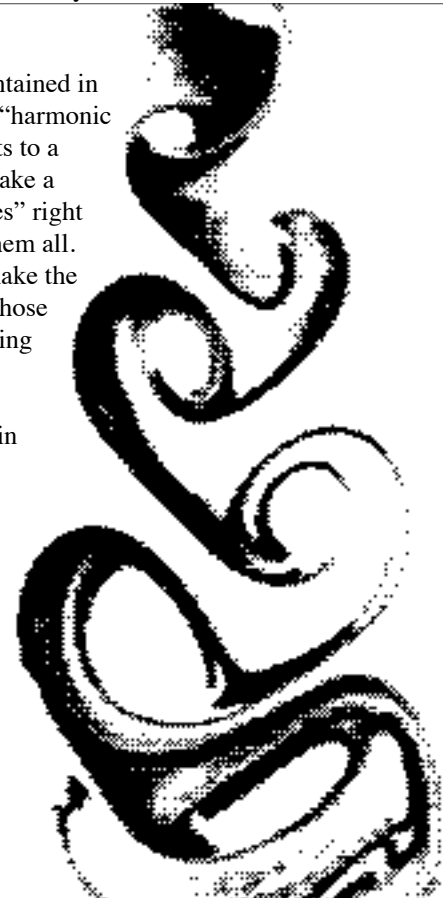
Below we shall see the recognition identity of the vowel tones contained in the whole number ratios of the harmonic pieces. I like to call them “harmonic tensors” because each wave length inside a sound envelope amounts to a different length tinker toy..”tensor”, we hand to Bucky Fuller to make a tensegrity geodesic out of. You can’t get your geodesic “membranes” right unless the —wave— length of your tinkertoys is right to connect them all.

Since whole number octave, and golden mean, frequency ratios make the braided donuts we call sound letters, it makes sense to understand those same ratios as a wave guide between sound and light. It’s like pouring water into those caddeuceus shaped flow forms they use to empower water in “Living Water”.

This technique is being used for commercial sewage treatment in Maine. Water so treated nourishes seed germination and floats logs measureable better. (“Living Water” : Victor Schaubeger).

We make pieces of the serpent that winds between frequencies, between worlds, between octaves, between dimensions, when we speak clearly the old words.

There are two primary antecedent references to be invoked as we proceed into sacred alphabet roots. The first is “The Hebraic Tongue Restored” ..and the True Meaning of the Hebrew Words Re-established and Proved by the Radical Analysis.. by Fabre d’Olivet, Pub: Samuel Weiser, Inc., NY. This book started my quest into the shape origin of things, years ago. References to this work we shall label just “d’Olivet”



The second key reference we shall use to compare our shape derivations here is: “The Spectrograms of the Hebrew Alphabet” by Carlo Suares author of “Cipher of Genesis” et al, it was first published in French in 1973 (Editions du Mont-Blanc, Geneva.. also available at University of Toronto). This study on the physical origins of Hebrew was reworked into English with commentary 11/13/74 by Fred Wolf, physicist author of “Taking the Quantum Leap”, “Star Wave”, “Body Quantum” et al.

This is the edition I am using courtesy of Human Dimensions Institute. References to this second work we shall label “Suares/Wolf”.

Confirming our suspicions that alphabet is real, shapely, and literally meaningful consider d’Olivet: “...the first inventors of the literal alphabet, unique source of all the literal alphabets in actual use upon the Earth,.. drew from NATURE ITSELF the FORM of these characters, relative to the meaning which they wished to attach to them.” In his work d’Olivet goes on to do a complete radical retranslation of Genesis, completely rooted in the study of the meaning of these SHAPES themselves. He translated the first words: “At-first-in principle.. the premium mobile, an acting principle”.

It is clear in Fred Wolf’s look with Suares at Hebrew, the sense of bootstrapping, nestedness, embeddedness.. fascinated him. He repeatedly refers to the tabulated gematric array for Hebrew Quabbalah as akin to the periodic table. You can get one sense of this from noting the way each letter in Hebrew is spelled out itself. So that Aleph is spelled Aleph-Lammed-Phay, which I translate to meaning Aleph-the continuous octave harmonic series, turning the L phase shift corner into Phay-Phi-Golden Mean-PhiCycle-Physical. Quoting Suares and Wolf: “the anatomic chart of Aleph shows that it confers life to the undifferentiated Phay and thus initiates the process Elohim.., mystically and traditionally ‘God’”.

Similarly, it is said that by spelling out the spelling out of each word of each sentence of Hebrew, it is (Homeopathically?) unpacked into seven distinct “self-embedded” bootstrapped? levels of meaning.

Lastly, as you look at the spectral pictures of the letters, try to get a sense of a sequence of cookie cutter like phonemes waxing from the mouth. Note that every time the “aaah” sound passes somewhere in a phoneme letter, that part of the letter picture is filled the same way. So that in the end you will be able to paint sound pictures with your speech. It is as if someone first looked at the Hebrew letterforms, defined by donut creation mechanics, and said we can make a pressure impression by the shape of which frequency layers of sound are excited in sequence by speech. It is helpful to understand that the energy envelope quality of a speech bubble, sends a momentum vector between frequencies ACCORDING TO THE RATIO ONLY OF THE HARMONICS contained in the sound. Can you imagine a being whose senses include a visual kind of impression of the harmonics of speech?

Kind of like perfect pitch, synesthesia... seeing the aura of sound.

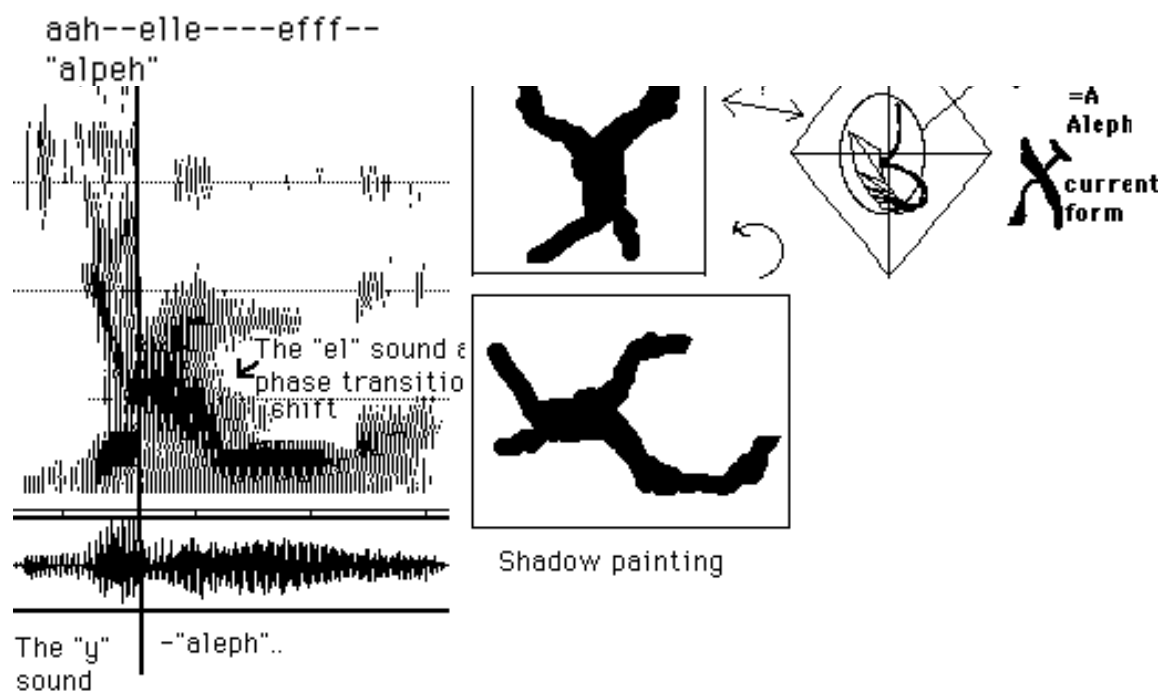
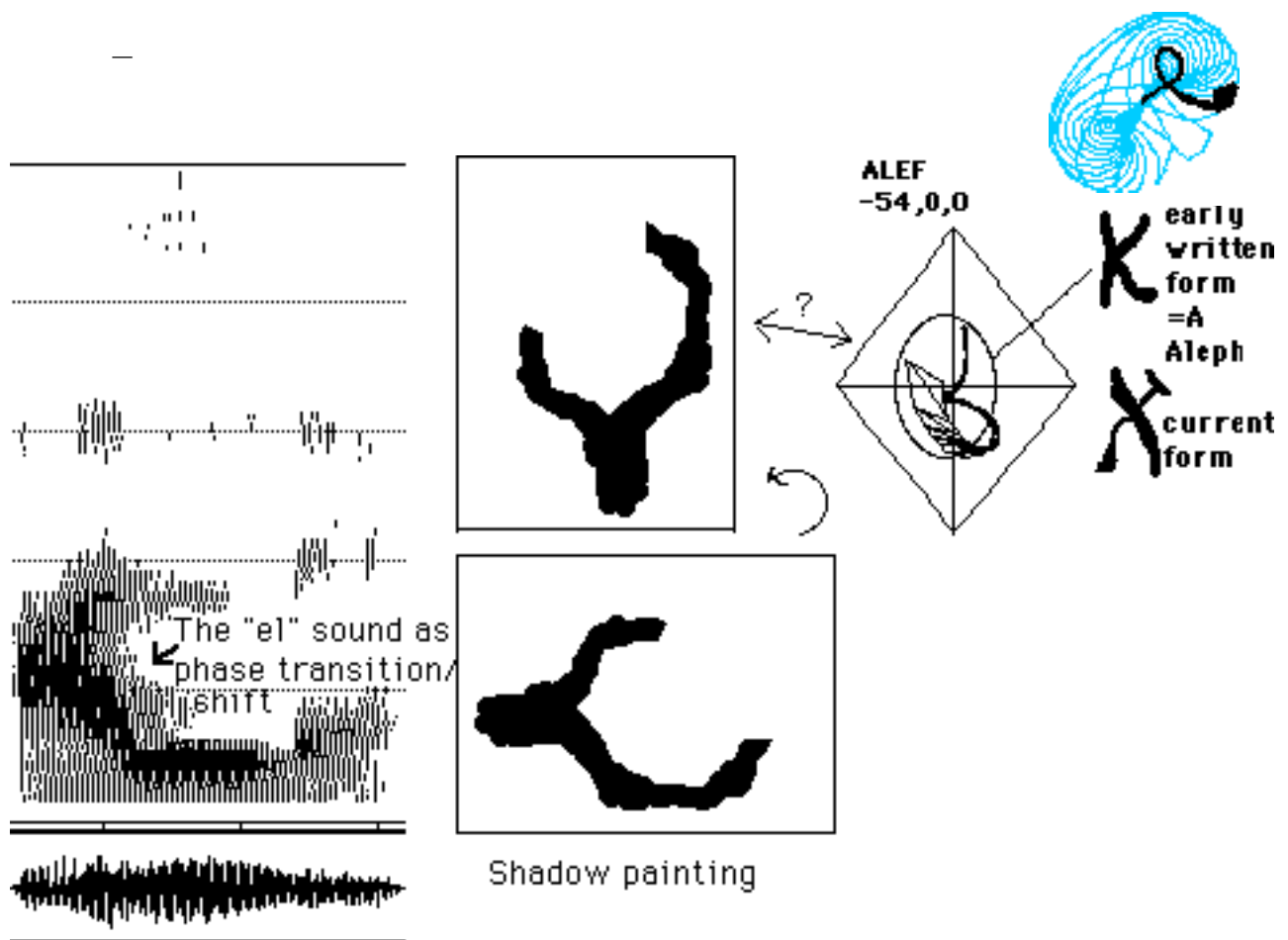
—

Compare your impression of shape with the letterform, and it’s meaning:

Aleph: The continuous octave (power 2) harmonic series of the “aah” tone, turns around an L phase transition, to feed the Phi cycle ratio spiral which translates vorticity from line to circle, energy to matter. The concluding Ph suggests not the landing in either rotation called matter, or linear flow called energy, but rather the “Always Left” translation between them which connection enervates li(ph) ..life.

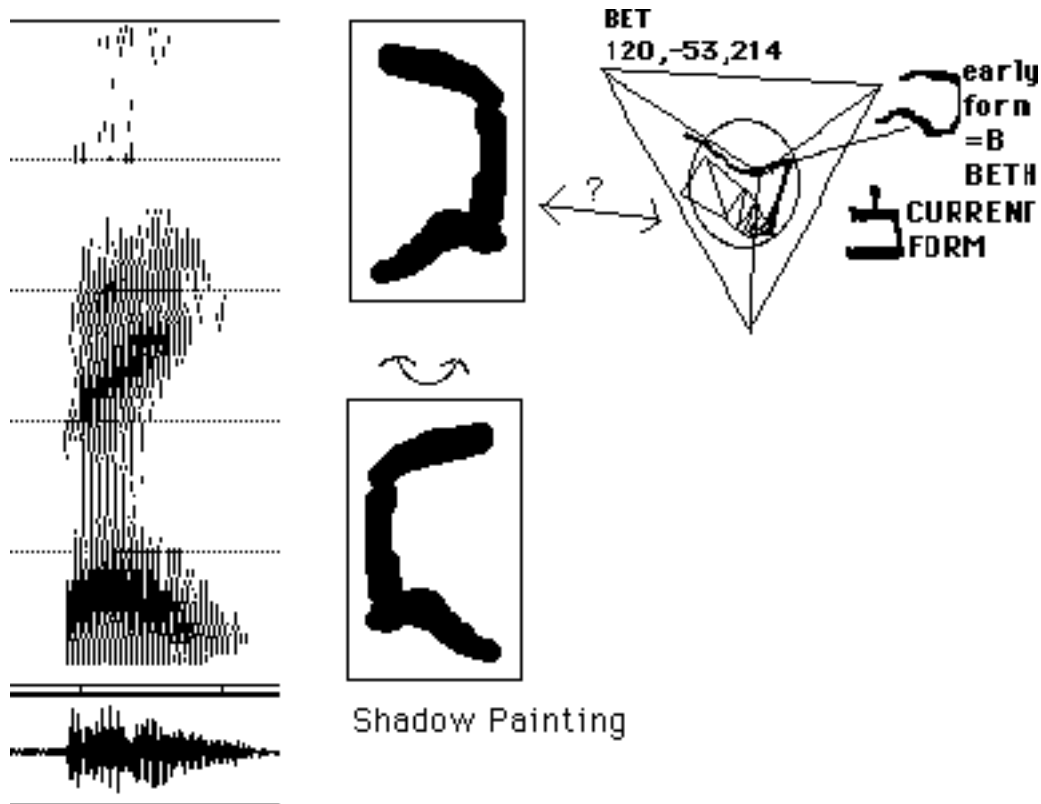
d’Olivet: “Aleph: Man himself as collective Unity.. sign of power and stability...expresses unity and the principle by which it is determined.”

Suares/Wolf: “Aleph: ..supreme energy, subtle, alive, ..it is relative... can be seen to move at infinite speed and thus evade time..” (as a fourier series based on Phi could/ or must).



graphically placed in front of the "aleph" sound, making what would sound like: "Yaleph" would more accurately create the written glyph.

I wonder if the "ancients" intended???



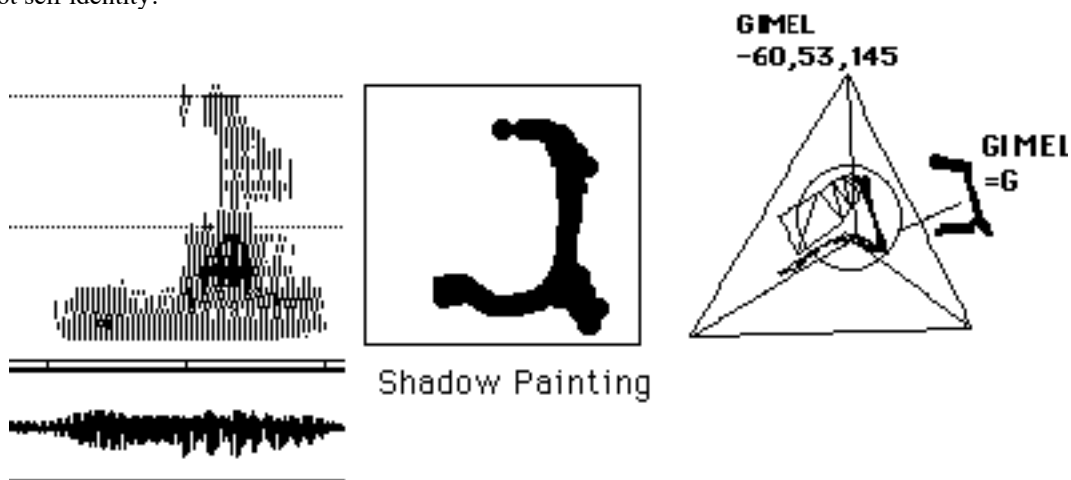
"Bayth"
Bet

Bayt:

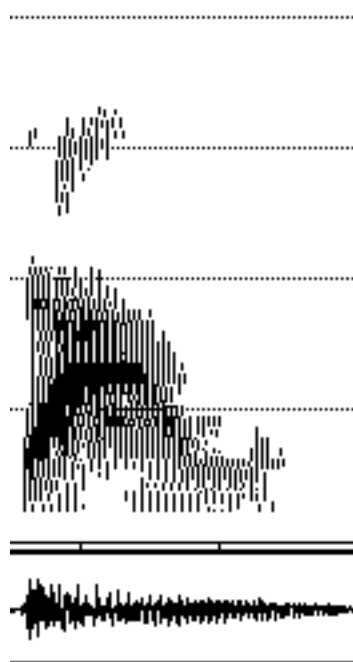
d'Olivet: "The mouth of man as organ of speech; his interior; his habitation, every central object.....Virile and Paternal sign: image of active and interior action."

Suares/Wolf: "is any container, any physical container, any gestalt. It is the first or primary divisor or separator for to contain or hold is to separate that which is held from that which is not. It is the primary act of consciousness recognizing itself. If Aleph is spiritual, Bayt is material."

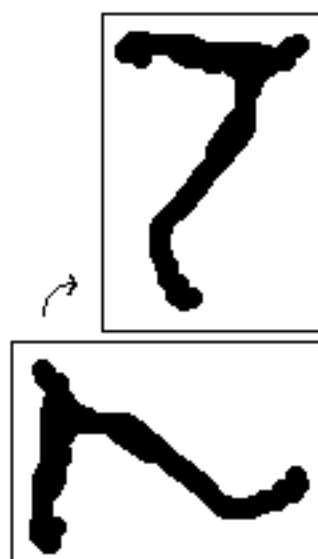
The sense of container making envelope, as Bayt is a container, suggests the metaphor of the creation of membrane as origin of immune self/not self identity.



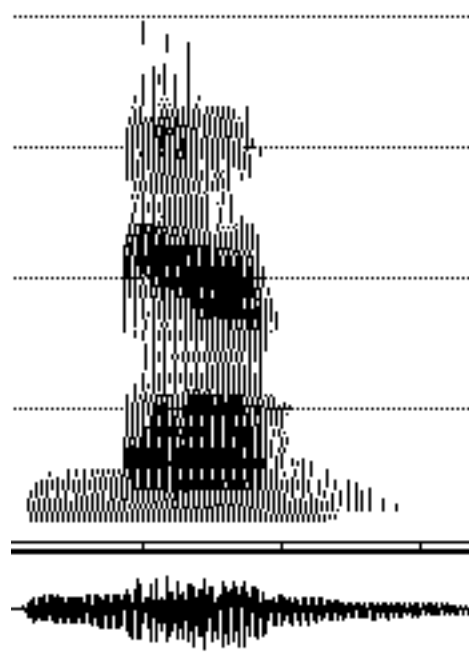
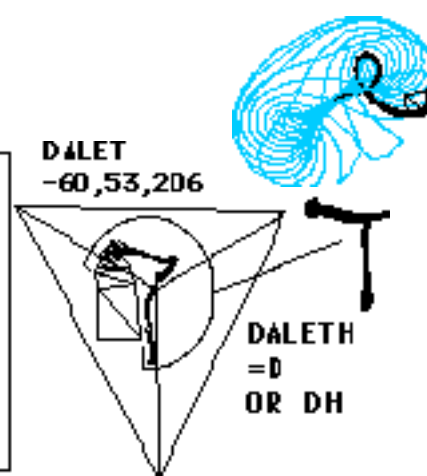
Ghee...mel
"Gimel"



"Daa--lett"
Dalet



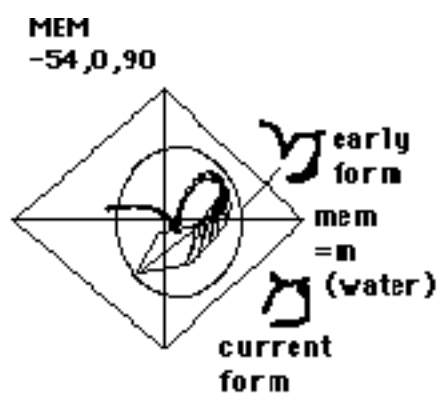
Shadow Painting

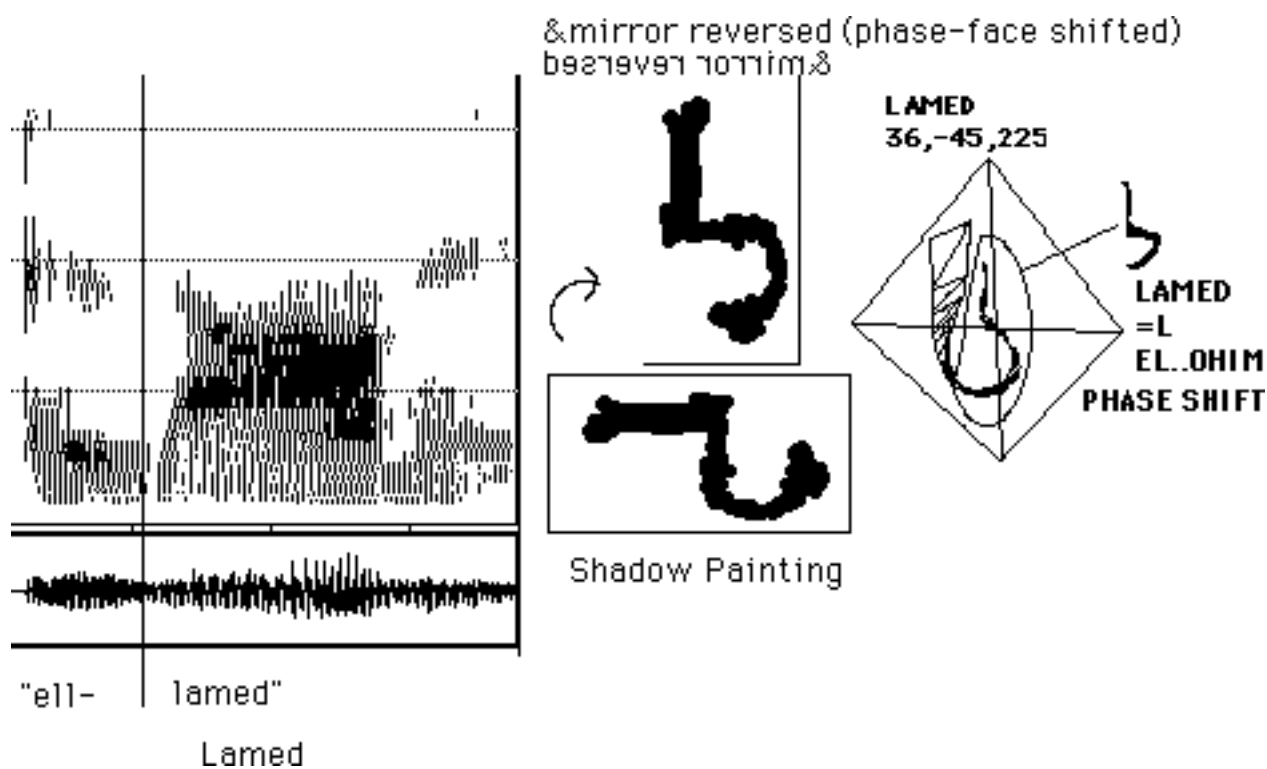
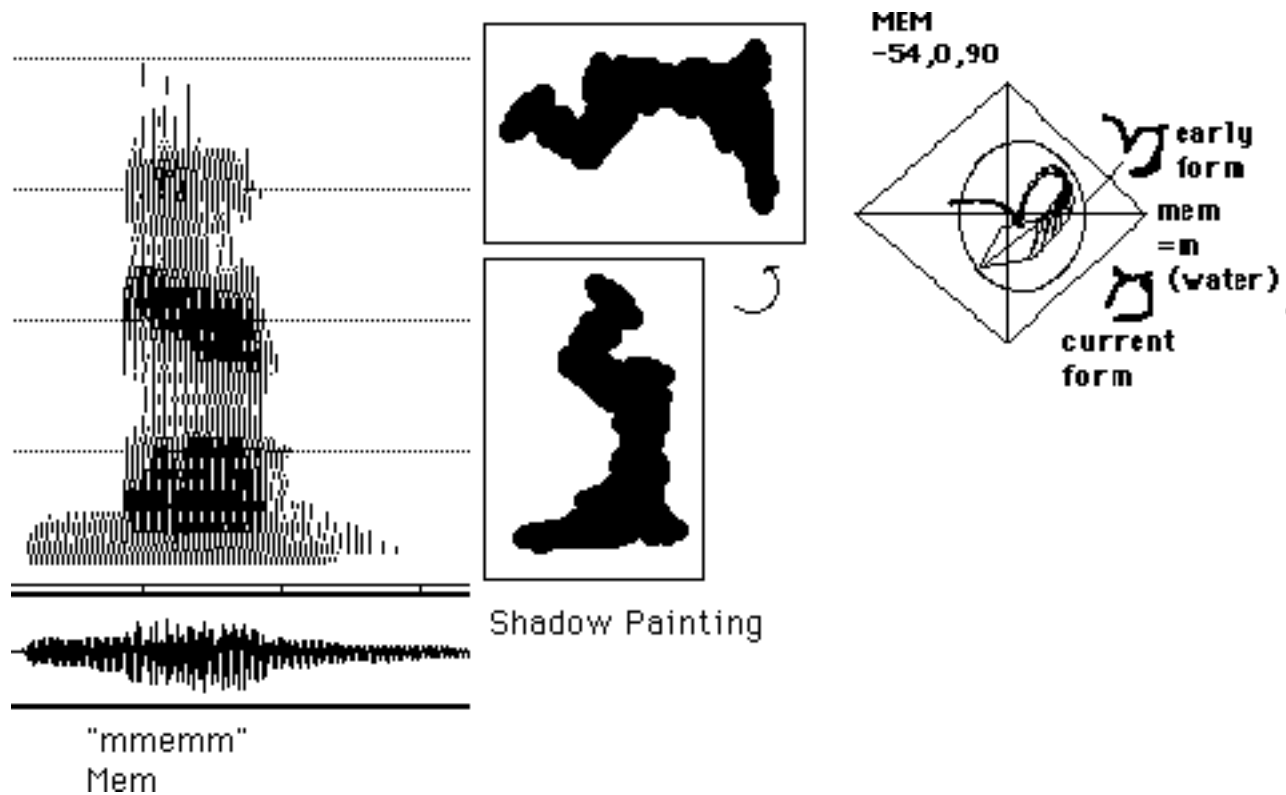


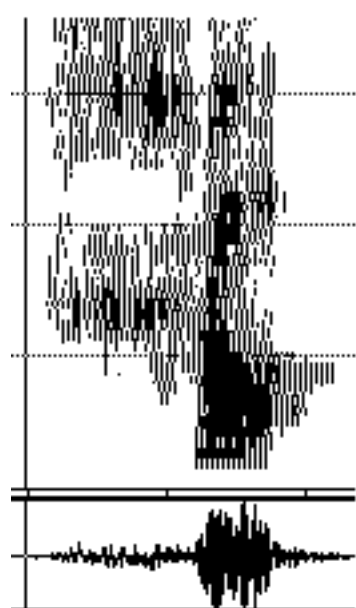
"mmemm"
Mem



Shadow Painting







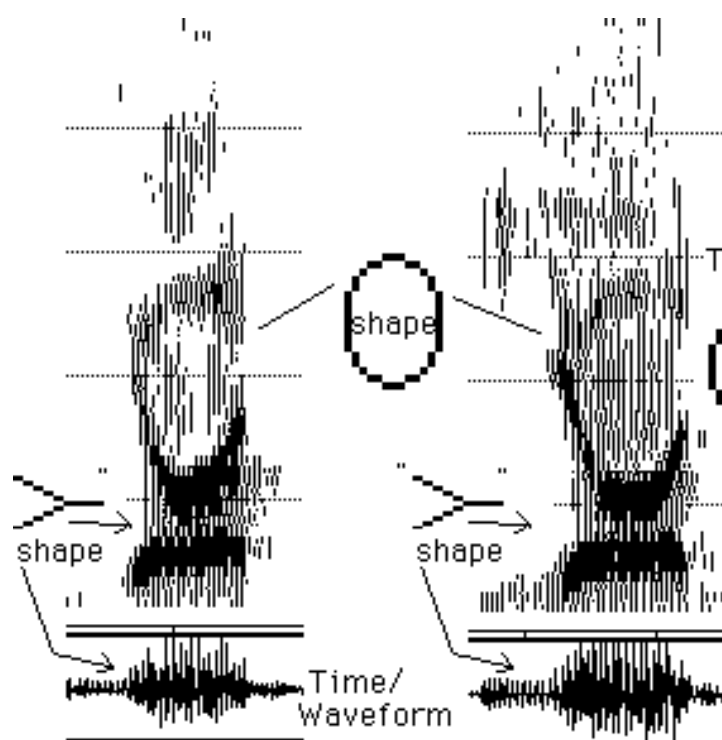
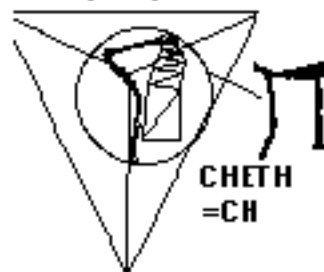
CHET



Shadow Painting



CHET
120,-53,-26

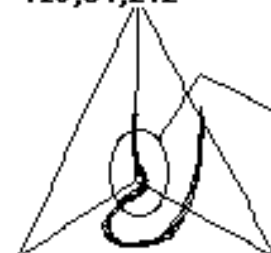


"Yood"
(female voice)
(as in "Yod He Vau He" Yalweh, the Name of God)
note the formation
of the "O" shape in the center.

"Yod" (male voice)

The beginnings
of
shape?

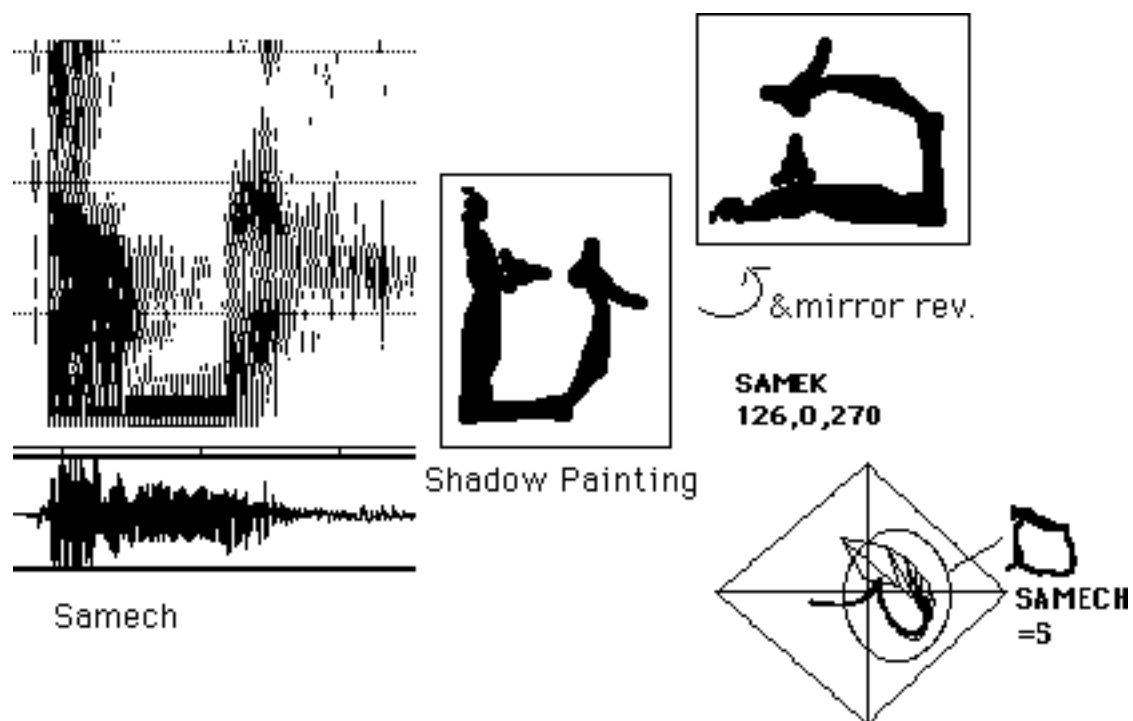
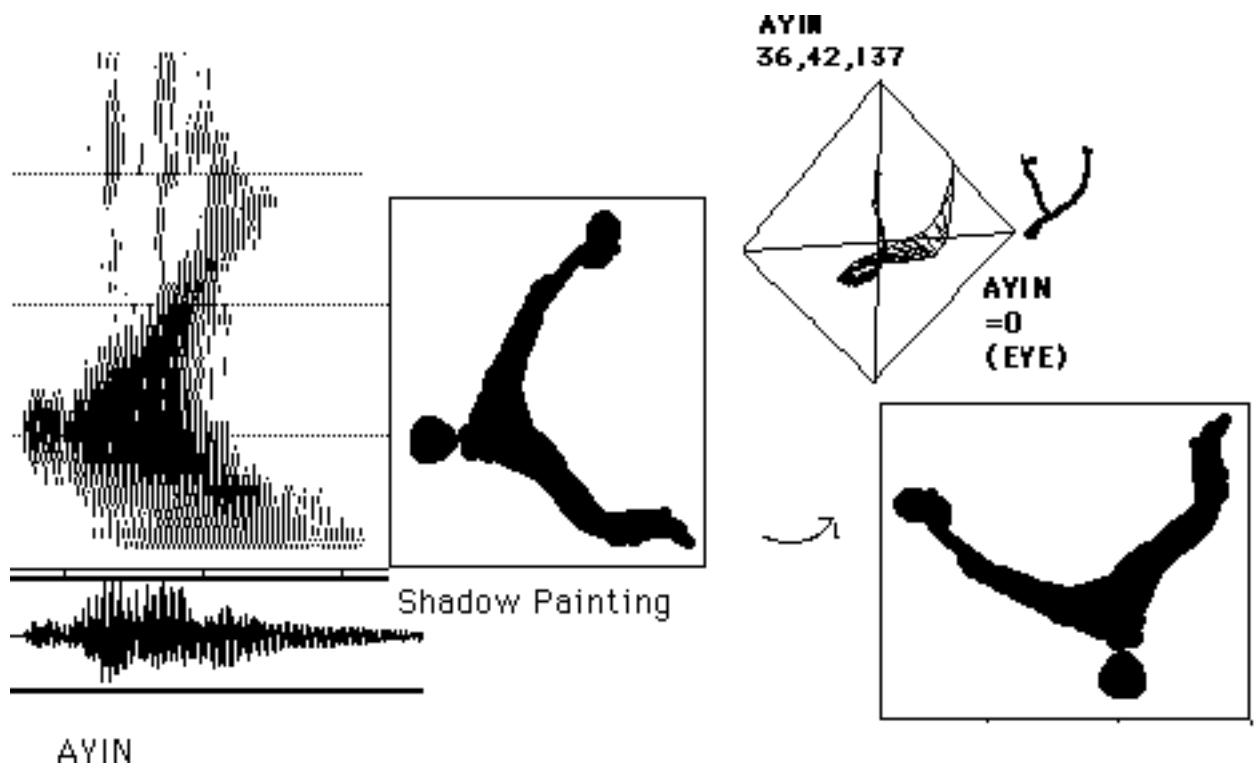
YOD
126,54,212

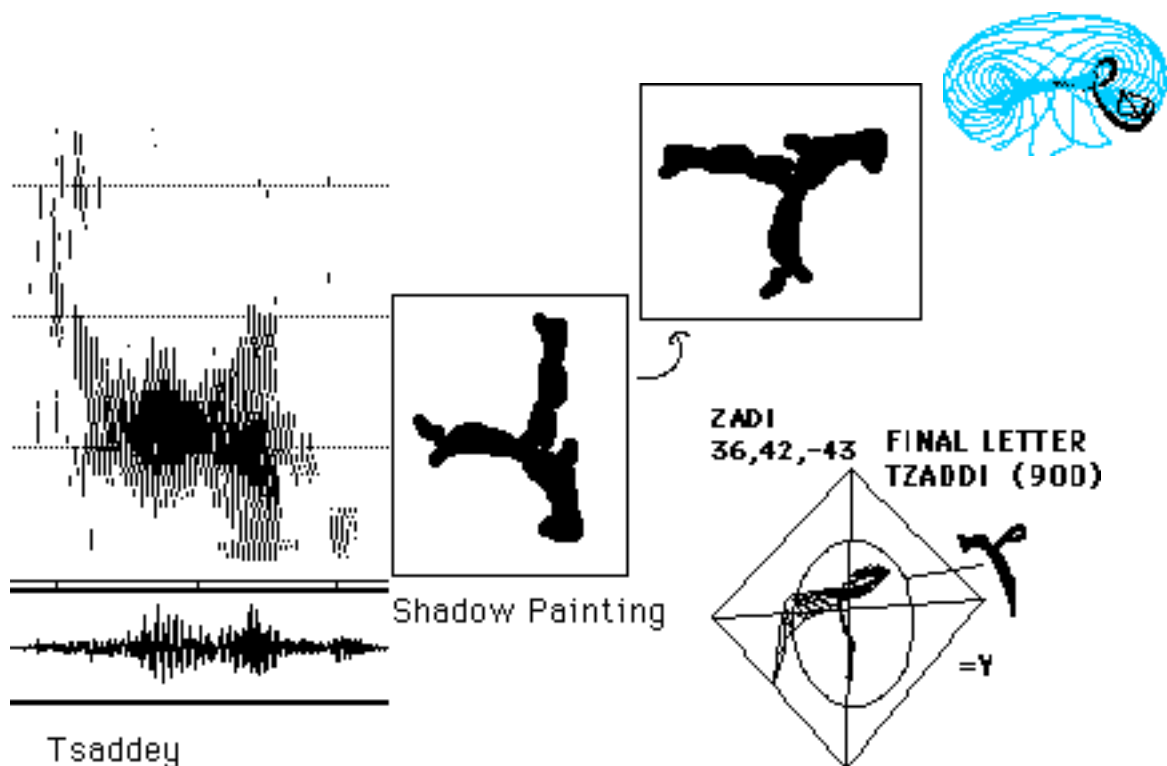


Shadow Painting

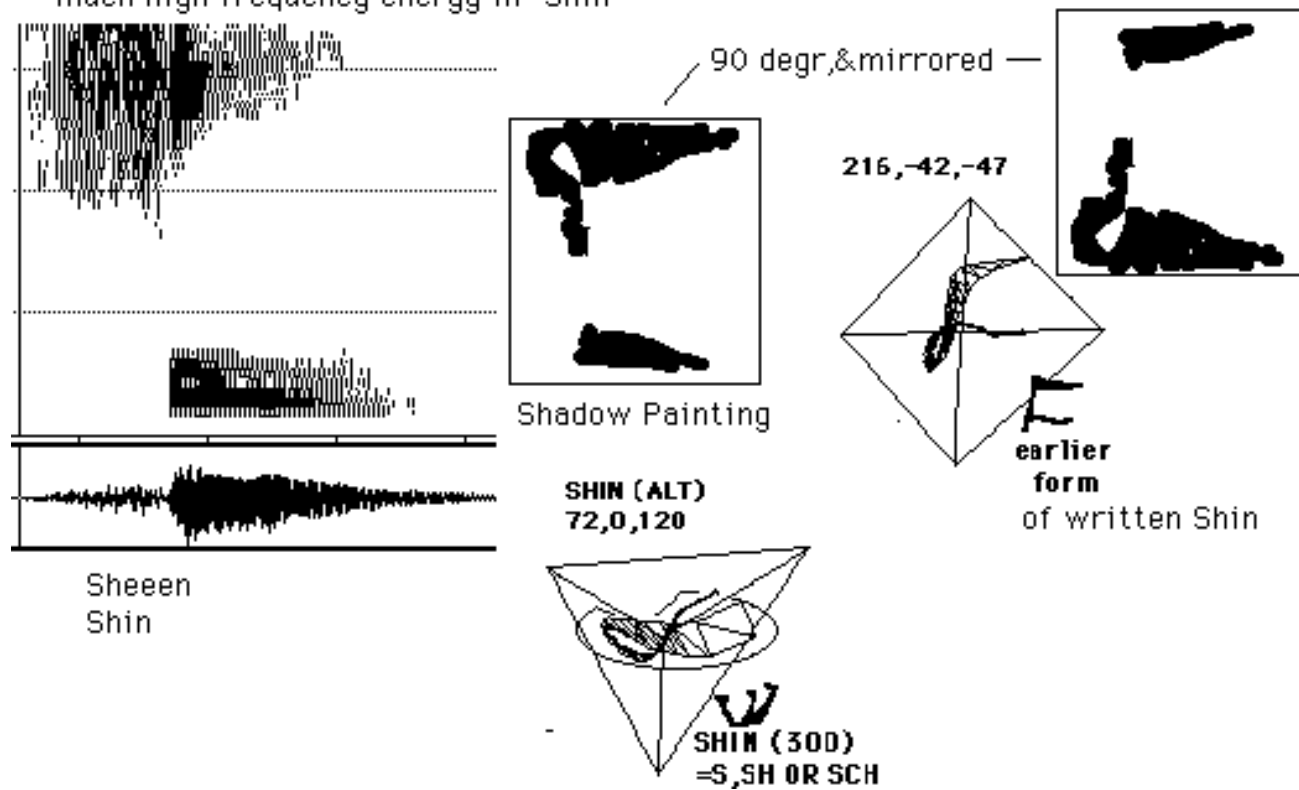
"Y"od?

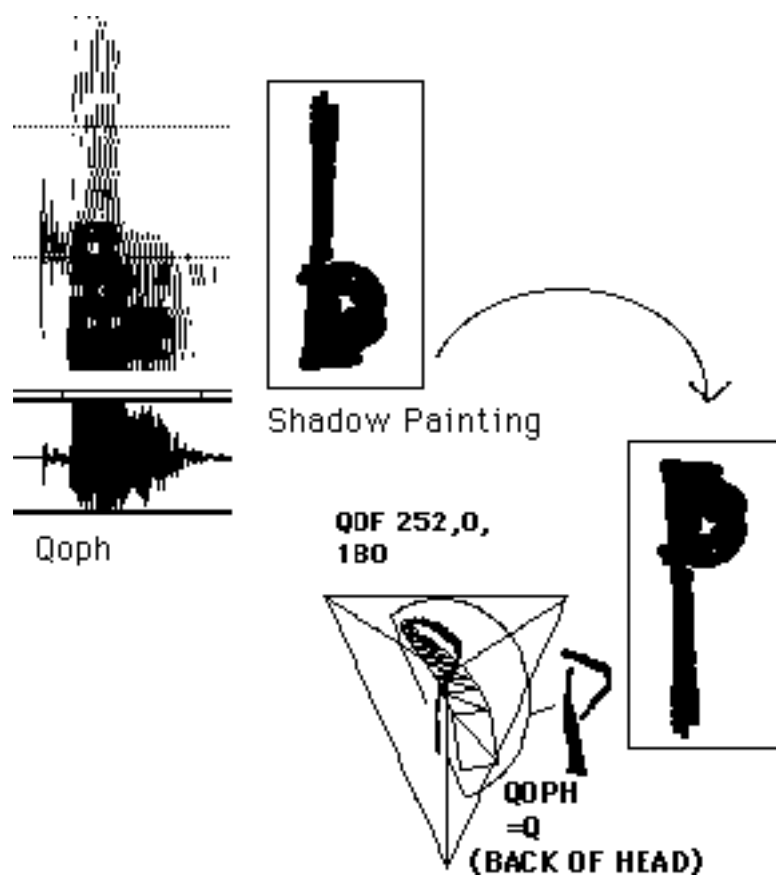
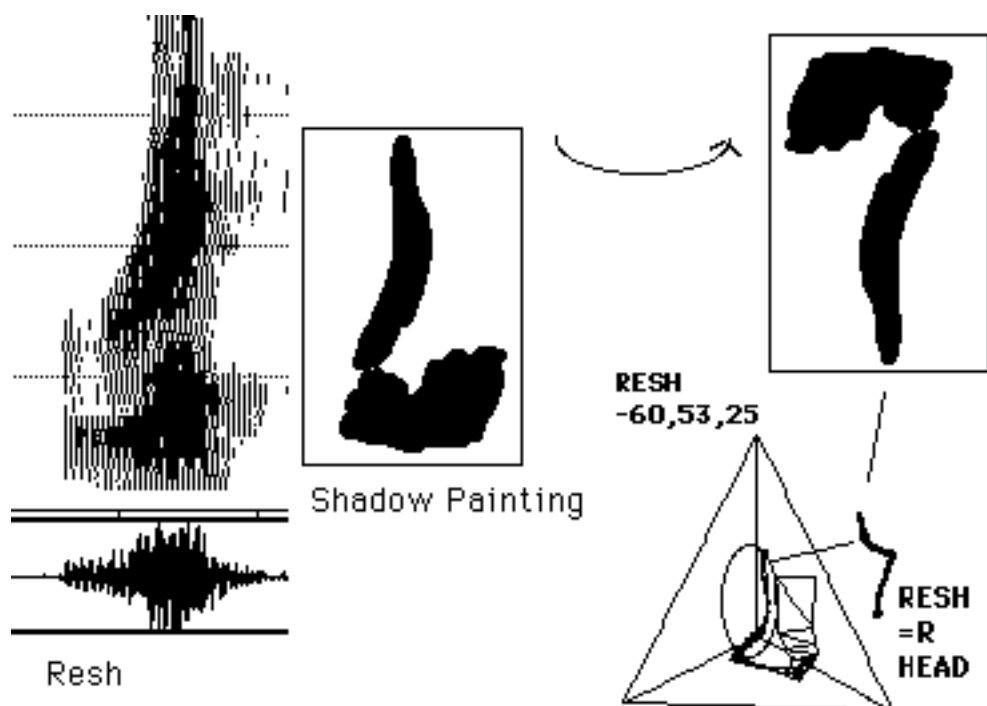


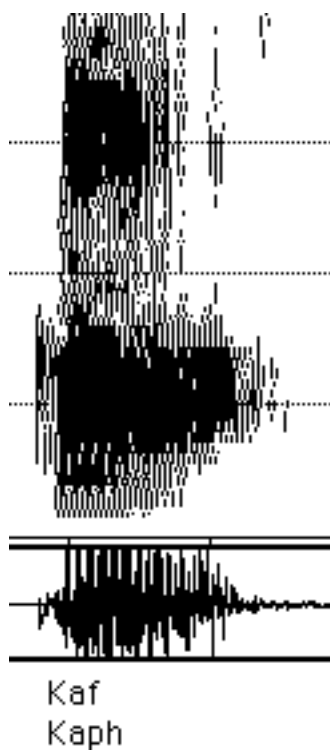




much high frequency energy in "Shin"

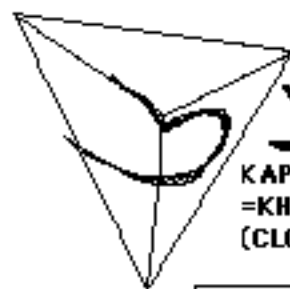




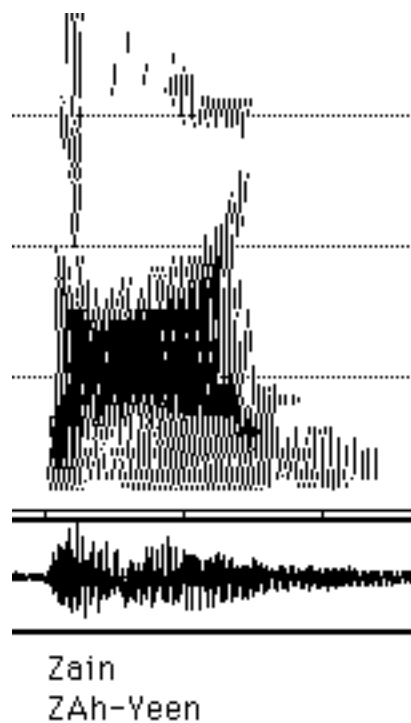


Shadow Painting

KAF
-54,-54,25



KAPH
=KH OR K
(CLOSED HAND)



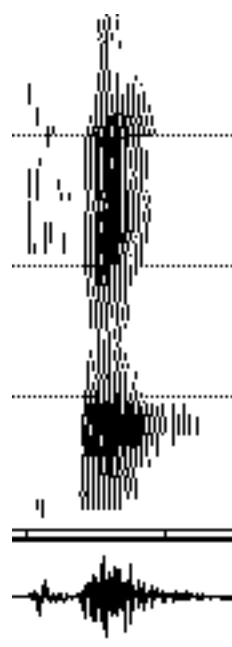
Shadow Painting

ZAYN
216,45,135



ZAIN
=Z
(SWORD)



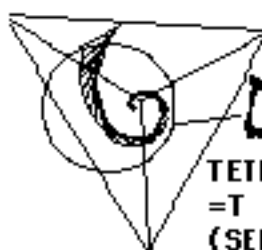


Teth



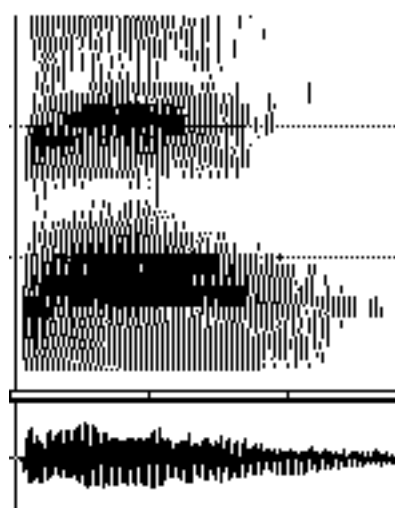
Shadow Painting

TET 0,0,240

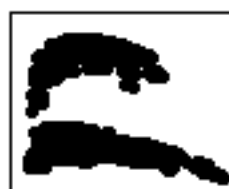


TETH
=T
(SERPENT)

(here I suspect if we had emphasized the pronunciation of the "th" sound at the end of the phoneme here, we would have seen more of the hook shape in the spectral picture which is visible in the written form)

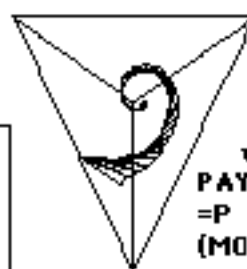


Fe
Phay



Shadow Painting

PE 0,0,0 THE NORMAL VIEW



PAY
=P OR PH OR F
(MOUTH)

LITERALLY
THE PHI SPIRAL



THE HEART OF THE MATTER



Dan Winter, founder of Crystal Hill Farm and driving force behind exciting work in sacred geometry with physical applications for healing, has now written a book, *One Crystal's Dance: The Star Mother: Geometric Keys to the Resonant Spirit of Biology*. He presented some of his ideas at the "Love's Light is Awakening" International Conference in Geneseo, New York, during the week of August 2, 1987. During five sessions, offered one a day through the week, Dan developed a basis for understanding the role mind plays in metabolism, from atomic to cellular to planetary level. Information for this article is based on notes from one day's workshop on "Planet Healing," plus numerous informal discussions with Dan over the course of a year.

Dan's multidisciplinary training has no doubt been key in his ability to synthesize material which is catching the attention of physicists, biologists and mystics all over the globe. Born in Eden, New York, Dan began his school days at a Franciscan high school. At the Jesuit-run University of Detroit, he studied electrical engineering and psychology, and later, psycho-physiology, polygraphy (he was a polygraph operator in graduate school) and biofeedback.

Dan's work with world-famous biophysicist Albert Ax, who was able to discriminate between the emotions of anger and fear electrically, laid the basis for Dan's understanding of Sentics (wave forms describing emotion). Dan worked in crystallography at a steel company in Detroit. He also worked as an income-tax consultant.

IBM hired the young graduate as a systems analyst. Learning programming languages later sparked his study of the history of languages and origin of symbols. Eventually this led to spectroanalysis of the ancient sounds of letter forms to reveal the morphic resonance of language shapes. One of Dan's teachers at IBM had been a student at the Gurdjieff School in West Virginia. Their discussion of the spiritual significance of geometry in the musical scale inspired Dan to leave his enviable position at IBM to pursue the study of Sacred Gymnastics and movement as a path to ecstasy, at the Gurdjieff School. There, Dan began to understand the power of shape in the massaging of emotion.

Following those years of training, he lived with a spiritual community in Marshfield, Massachusetts. He also worked in an X-Ray astronomy lab at M. I. T. at the invitation of Ph. D. physicist John Richardson, who is now involved with weather studies. The graphics plotter in that lab (which was receiving information from one of the first known X-ray sources, Cygnus X-1, also known as Scorpio) was used to draw out the ten phased spirals of the golden mean, which forms the pentagonal nest, thus forming the nest of the dodecahedron.....which is the geometric design published on the cover of each Network of Light issue.

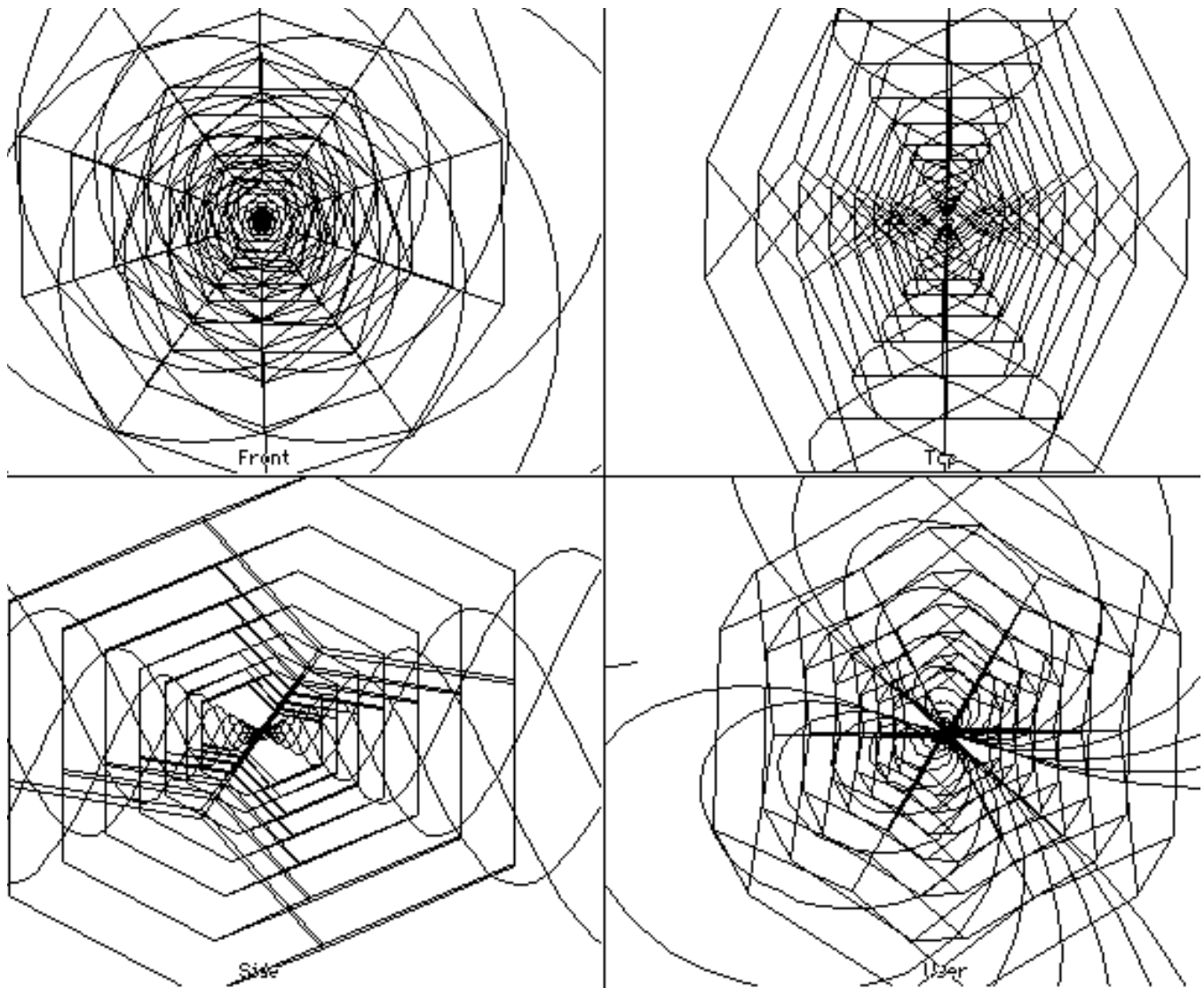
And as you will see, the dodecahedron and the golden mean are central to Dan's work and theories.

A 3-D model of the dodecahedron, which Dan built years ago and hung in his living room, has fascinated him and inspired his search for the significance of that shape. The dodecahedron, nested within an icosahedron, nested within yet another dodecahedron, exemplifies golden mean ratios. That is to say, the ratios thus established can be used to infinitely extend the figure to any scale, small or large.

As Dan explains, it is the perfect shape for conservation of energy, because the harmonics—sum and difference heterodynes, or "children of the waves, created where the waves meet"—do not interfere with each other; they are ONLY constructive.



That means they conserve order, memory, and mind(momentum), and in a universe made of only one substance (Mind), this is the perfect shape for conservation, creation and replication; we now recognize it in the pattern of DNA.



Dan showed how the ratcheted dodecahedron can be mapped onto DNA (deoxyribonucleic acid, the blueprint for life, found within the cell). “Ratcheting” is the illusion you get when you see a spinning top in blinking light. It appears to stop in quantum steps along the way. This synthesis, which eventually connects emotion to cell metabolism, forms the basis for understanding the function of the dodecahedron and DNA. This form functions as a wave guide between frequencies—thus between worlds, the seen and the unseen— from the range of visible light to the invisible dimensions. Emotions are measured as COHERENCE in the long (ELF or sonic wavelengths). Genetic material permits these to couple the shorter wave which drive cell metabolism, because it is a heterodyne or resonance path BETWEEN frequencies.

During a recent conference in Denver, Colorado, Dan delivered details on how emotion gets into matter and genetic material via this wave guide. The core of his paper reveals how the dodecahedral spin describes the action within the DNA double helix (see figure 3). The angle of turn, the angle of spacing, and the angle of distance can be derived from the golden



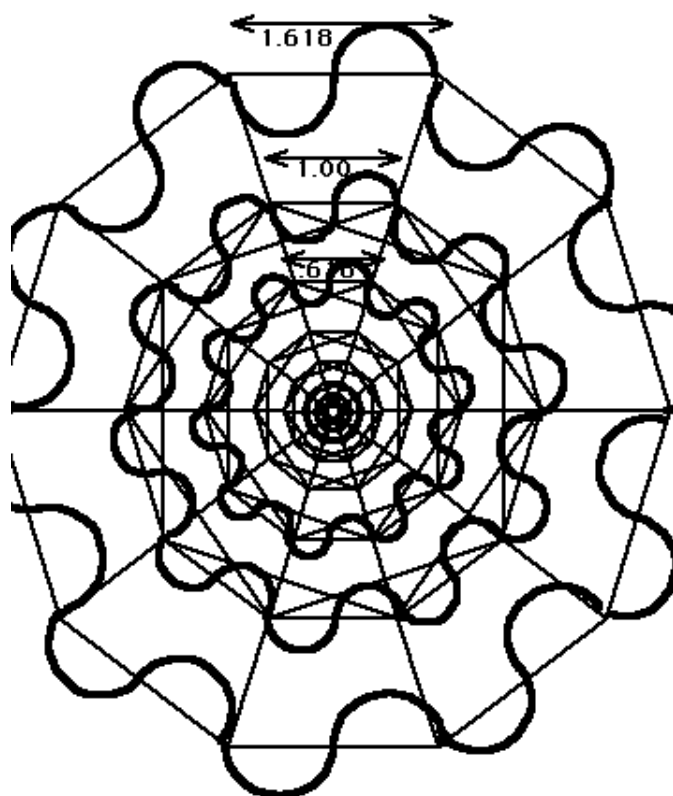
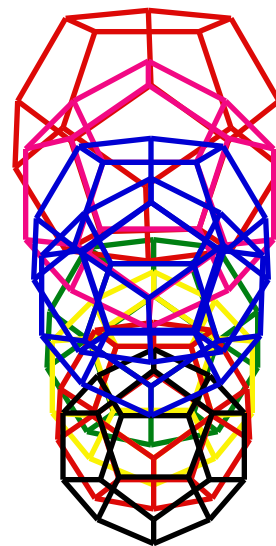
mean, the golden mean squared, and the golden mean cubed, respectively— this translates into a perfect conservation of length, area, and volume along the genetic pathway. Dan's work with these shape-relationships has important implications for healing at many levels.

It has long been known, for example, that there are emotional correlates to disease, such as cancer. Now, science is learning to recognize the SHAPE of emotion. The Sentic material by Manfred Klein shows that emotions have a simple, long-wave frequency signature—"electronic fingerprints"—which are the same cross-culturally. A finger touch of anger always generates the same basic wave form.....and a finger touch of love likewise has its own characteristic shape. The long and the short of it is that emotion's waves nest onto the cell's life by dancing this inFORMation-conserving spiral between scales.

Thus the dodecahedron provides a language, a model, to describe how the long waves of emotion precipitate into cellular metabolism. The nested geometry shows how the long wave slipknots of emotion get into the short wave slipknots of light, matter and genetic material.

Operations within genetic material (DNA) can be visualized as taking place along the wave guide of the ratcheted dodecahedron. During replication, an "harmonic cascade" moves along the spiral-patterned double-helix, which reaches infinitely across scale.

This means an integral unit of frequencies, or information, can move across long distances without destructive interference.....which implies that information about anything can reach any other place in the universe without stopping! One's thoughts and emotions can literally travel through the geometry of the universe. Our thoughts not only travel through but also have an effect on all that they touch—which is EVERY-THING. So what we think affects not just our own health, but that of our planet and beyond.



Here are the basics of Dan's recent presentations. Since the picture they attempt to describe is the entire multidimensional universe, you may wish to reread them several times, since an understanding of one is based on an understanding of all the others.

1. The universe is made of one substance.

The compressibility of this universal medium stores form and memory in wave shape. Einstein's famous equation $E=MC^2$ shows that energy and mass are the same thing, in different forms.

2. The universe has one wave shape, the sine wave.

This principle of frequency signatures called "Fourier" means that even the most complex shape is a simple sum of sine waves of different lengths.

3. The universe can be described as a geometry of pressure. Geometry produces symmetry, which allows waves proceeding from

opposite directions to meet each other and stand (to phase and phase-lock.) Standing waves give the illusion of stability, segregation of momentum, and make possible the birth of matter. Pressure occurs where waves meet.

Ratio is sacred; scale is profane. If the geometry of replication is embraced in a seed of any scale, ratio has the power. Size is unimportant where information is concerned, since that information can travel to any scale via the wave guide, and be manifested. The universe is a hologram; even the tiniest part contains information about the whole.

4. Focus is the only medium that creates, in a universe made of waves. Focus creates a pathway, or gravity, for waves to meet. According to the “Attractor” theory in mathematics, focus converges the harmonics (waves which fit into each other) into nests which stand, called matter.

5. Shape is the only thing the universe has to conserve. Naming, and memory ring out only from differences in shape, not substance.

6. The only way to conserve shape along a path is to maintain the ratio of length, area and volume (a nest of ratios.)

7. The best pathway to maintain a nest of ratios is the golden mean (Phi), Phi squared, and Phi cubed, represented by the ratcheted dodecahedron. This pathway enables information (shape) to be moved without loss of momentum (mind.) The closer a material comes to forming this shape and path, the greater its conductivity. Think of superconductivity; that is super-coherence.

8. Coherence at any level is coherence at every level. An orderly relation between wave lengths establishes a connection between frequencies and fields, which cannot persist unless it resonates to ALL frequencies and fields. This harmonic cascade (Jacob’s Ladder) establishes the connectedness called holography, and also ecstasy.

9. DNA is a four-dimensional dodecahedron, in the sense that adding one spin to three dimensions adds a harmonic and a nest for memory. (The pressure envelopes of the little bubbles of light which make up the matter of the gene are enfolded or enveloped with another harmonic, with each successive axis of spin, or symmetry.)

The DNA double-helix keeps a set of wavelengths evenly spaced on a path through time and space, thus conserving the wave shape.

10. Light, when folded back on itself, comes to know itself.

The spiral-within-a-spiral-within-a-spiral creates genetic material at all levels. Light causes an extra axis of spin, which superimposes a harmonic of frequencies upon a nest of frequencies in an envelope of pressure we call light as matter. This creates extra mind, because the universal mind* meets itself at every wave intersection..... so the denser the intersections, or nodes, the greater the self-knowingness, or sense of identity. (*See Arthur Young’s book, Reflexive Universe.) Thus identity in the cell (immunity) and coherence are the same thing, metabolically and emotionally.

Just as light(ning) set the first dodecahedron to spinning and replicating in the original protein soup, so light is reaching the earth via an alignment of planets which has not occurred for nearly 26,000 years. The Harmonic Convergence refers to the coming together of certain necessary frequency harmonics as Earth prepares for her next major step: the birth of Christos.

In his workshop, Dan described the function of shape participating in universal order, from the smallest atomic particle to the celestial bodies. At each level, we see increasing axes of symmetry, therefore increasing dimensions of mind (remember, as the waves meet, they can contain more memory, more mind.) And at all levels, disorder represents pain; order represents joy.

In atoms, the unconditional exchange of electrons between shells can be thought of as love, or joy. DNA is an ideal crystal, for it connects long waves onto short waves, facilitating and giving order to nourish the connection between atom, cell, gland, body, planet. “Coherence” is the name for this orderly connection between the frequency scales called metabolism and biology.

This identity in the cells is coherent ability to make self- and not-self decisions, and determine whether or not a harmful virus will be able to enter the cell and do damage. At this level, one begins to see how emotions have a direct effect on cellular metabolism. Dan's biofeedback research project with Millard-Fillmore Hospital suggests that this coherence can be learned.



This new model of emotion points to the glands as “tuning resonators”. Glands are pressure-messaging envelopes of wave towards joy. They, like DNA, preserve the frequency relationship, or shape, of waves. And humans are like crystals in that we have fields. We move these fields with waves of emotion.

Intentional relaxation, as in meditation, adds order—which means no destructive interference—and mindfulness to the field of our feeling-nest (emotions). Intentional relaxation causes acoustic coherence, cross-hemispheric coherence, in the brain. The long waves of EEG (electroencephalogram)/emotion make a net, or home, for the short waves (light, matter). This nests mind/emotion between frequencies, thus between worlds.

Coherence increases storage capacity for information, because more fields can be superimposed, relating distant harmonics. Thus the brain becomes an antenna, like a microwave dish, for distant signals. We can reach out into the universe and connect with the frequencies we need, for greater harmony with the universe.

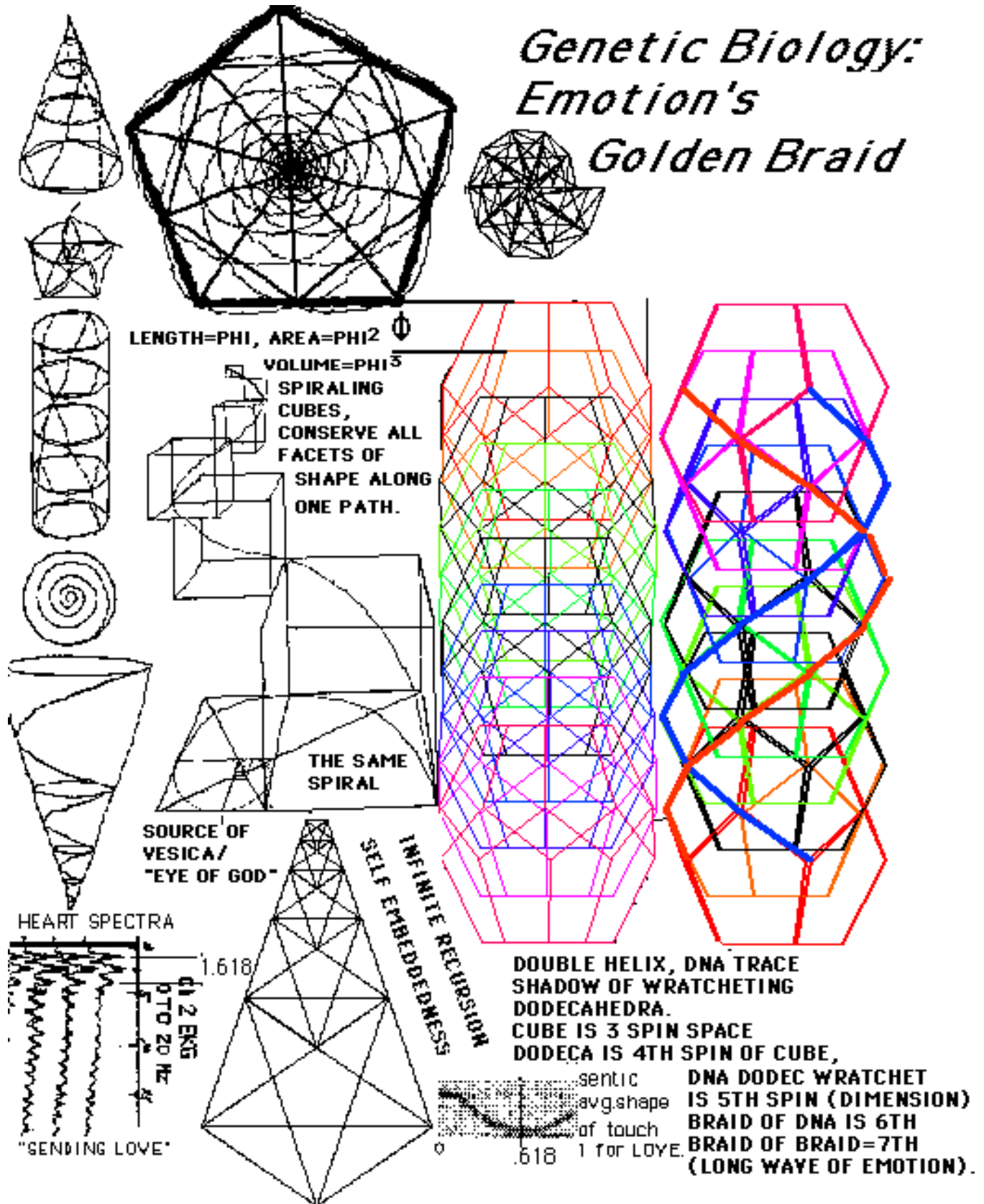
The Earth also seems to be participating in these order-loving activities. The Gaia Hypothesis contends that our planet Earth displayed intentionality in maintaining the conditions necessary for biology to develop. The Earth sustained narrow windows of temperature and pressure for eons, long enough to allow the formation of complex protein chains. Such an occurrence contradicts the information we have about what would have happened if all the gases, etc. were left to “random” interactions.

In fact, there are many indications that the planet is preparing for a birth. Dan feels that we can participate in this event by aligning ourselves with the heart of the planet. The doughnut “twister” shape of primal particles has the same shape and frequency ordering function as the human heart; a mathematician might call it an “attractor” of the first order.

The range of our compassion defines the horizons of our identity. Thus, the greater the reach of our empathy, the greater the scale with which we can resonate and manifest. With pure intent and “good heart,” humans can as a whole incarnate, or focus, into the body of the planet.

The nature of this “Harmonic Convergence” for Earth is a wave alignment into form. The shape of the planet’s new form is a living wave envelope. Gravity’s flow is really ordered emotion. The wave shape of the gravity grid being born (see fig. 4) is dodecahedral, like DNA before it. David Childress, in *Anti-Gravity: The World Grid* shows the tectonic grid in this shape. This is the shape for Biblical Jerusalem, Ezekiel’s wheel, and Merkabbah. The Planet gathers our memories into this archetype of form, to carry them between worlds. Agreement to form together this body of epic togetherness is “the heart of the matter.”

Genetic Biology: Emotion's Golden Braid



Braiding **DNA** is EMOTION the WEAVER?



If we interpret the physiology by which human feeling, or “Emotion”, penetrates the cell, we may unlock other important linkages nesting us in our bursting biosphere. We had the opportunity to gather some data from the sonic signatures of the heart, which confirmed other literature underscoring the importance of “coherence” or resonant ordering of the “ringing” body. The overall picture emerging suggests that the glands learn specific resonance patterns (you could think of them literally as musical chords - known by ratio -) which may be an individualized instruction set, or alphabet, programming metabolism. (emotion programming immunity?)

The layers of folded emotional tapestry may be like the discipline of a high level computer language, nesting in each turn, in some cases thousands of the machine code (or codon) instructions in the cells. Braided waves when coherent ARE membrane, and they are DNA. This could be the context of braid upon braid, (1) which sets the morphic resonant key code sites on or off in the DNA ladder... which is not a single twist, but a helix on a helix on a helix...

—THE BACKGROUND, SIMPLE AGREEABLE PHYSICS.

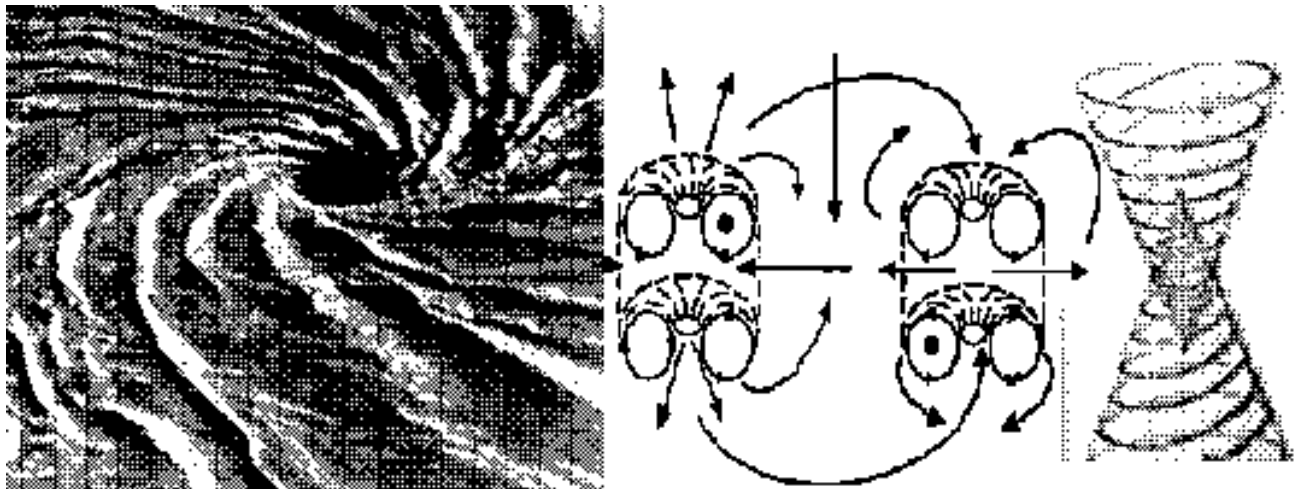
It is important that we do not conceive of the forces in the cell as being made of multiple substances. Essentially, what the UNIFIED FIELD concept is, whatever its vintage, is that geometry (geometrodynamics) connects the fields: all of them. The idea of a universal (or zero point, background) substance which flows into all of form, is not only championed by Einstein, but also by every religion that ever stood the test of time. Zero Point physics underlies important new energy technology. (2)

The “particles” newly named in atom smashers, are known as RESONANCES. They are the nodes which stand for a moment on a guitar string, strung on the background of something very continuous. (“String theory” need not be altogether esoteric.)

In order to grow comfortable with the power of emotion to shape the cell, we need to take this concept of ONENESS quite literally. You might ask yourself, how could light, electromagnetism, sound, and gravity be differentiated only by wavelength? Of course light and sound swap ideas daily: have you ever watched a sonic hologram (orderly sound waves) modulate or change an optical hologram? It is instructive to consider how it is that short waves of light are made to share hats with the long waves of sound, in an orderly nest. Consider the helical coil spring like axis of quartz which makes it piezoelectric (coupling phonon/sonic waves to electrical waves). When you pull on the ends of a spring (think of a “Slinky”), your larger motion pulling out the ends of the spring, create a much shorter but quite powerful motion pulling in just slightly on the sides of the spring. (Your “slinky” gets just a bit skinnier as it gets longer.) This means that in general a helix is a universal way of coupling long waves to short waves. It is biology’s lever, to couple little worlds to big ones. Geometry has linked one nest of pressure, with another, across the spectrum.

It is useful to take our understanding of the rather intimate connectedness, of all fundamental forces, to a logical conclusion, which we may summarize here: Our universe is ONE substance, it is a GEOMETRY OF PRESSURE, of one continuous, uninterrupted, wave surface.

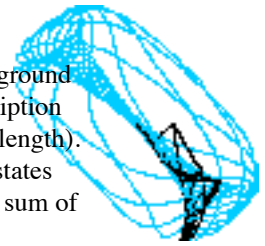
So how was it that we ever became confused enough to think that we could NAME the substance of a thing, when all we were really doing was naming its shape? For one answer, let us consider the problem of gravity. At first encounter we might be confused and think: “since it is unlike other forces in that it only ATTRACTS mass, and does not repel, it MUST(?) be a “fundamentally” different substance..?” However... Suppose we encountered the forces near the center of a tornado and noticed.. everything here is drawn up. Then we encountered a vortex down into the ocean, and notice.. everything here is drawn down. Do we say: AHHH, these are obviously fundamentally different forces?? No, we agree they are both standing wave, flow forms made of the same “stuff”: water and air.



So too, just because gravity appears to flow in one direction, we should not conclude it’s substance is somehow “separate” and unattached. This will become increasingly important as when begin to notice how many of our conscious ways of conceiving of emotion, deal with their “gravity”. Similar to the geometric relationship of gravity to electromagnetism(3), to understand emotion, we need to describe an information path down the ladder of wave lengths from the long sound waves the glands appear to make, when they “emote”, to the shorter electromagnetic “pressure” waves which fold to make cell membrane and gene. More about gravity later.

As we look closer we will find the electrical and resonance characteristics of emotional activity largely identified in terms of frequency signature. Therefore we need to extend our physics background just a bit in that direction.

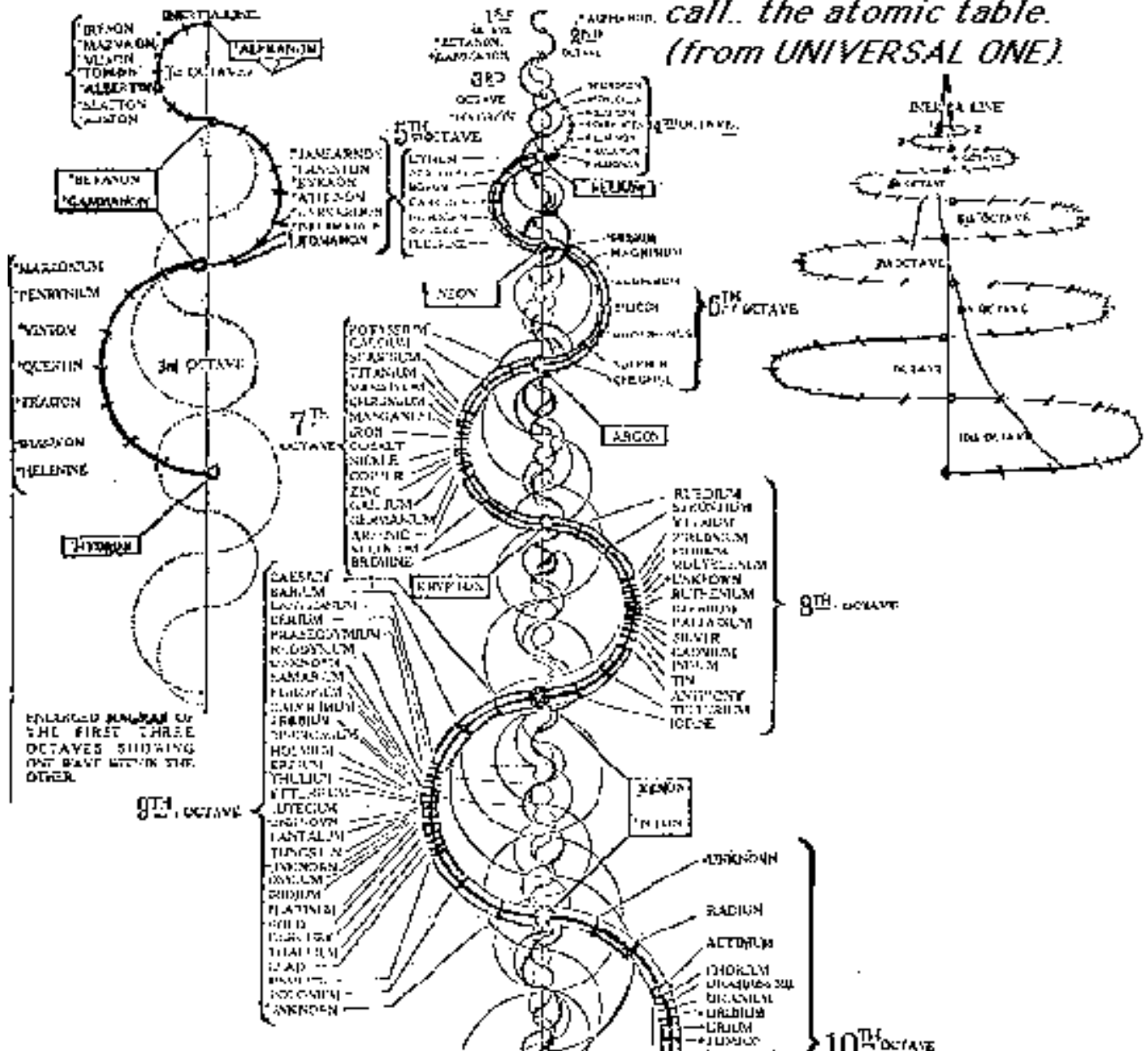
We have suggested that geometry, as the arbiter of wavelength, is the meeting ground between the "forces of nature". It turns out that wavelength is also the ONLY description we need to get all of biology (later we will add phase "angle" as a quality of wavelength). This is very conventional physics: 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.



*One pure sine wave...
vertically: the figure 8
horizontally:
the symbol
for infinity,
and the TAO.*



*ONE wave when guided to
focus at a point, produces
beat notes or nodes called
heterodynes. Folding back
on itself recursively, it
produces the sum and
multiple wavelengths we
call.. the atomic table.
(from UNIVERSAL ONE).*



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: "Structural Stability and Morphogenesis" (Rene Thom), which describes mathematically why biology's shapes are so elegant and wave-like. It is as if pure math has concluded that the reason biology is so nested and orderly, is because a choir learned how to sing well. 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 (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 (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 a smoker 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 & compressible). 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.

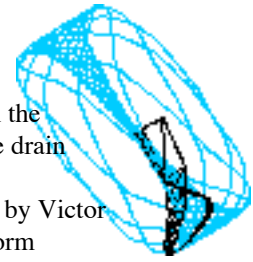
Rotation stored inertia is our ONLY definition and measure of mass. This is why matter can be literally understood as light gone in circles. Next time you have a gyroscope in your hand, note how it resists changed of position, on the one axis it spins on. If you nested three gyroscopes, your flow form 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 lens creates the orderly sequencing of harmonics called a rainbow. The Universal One wave image of the interference beat nodes origin of the atomic table above, 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 Schauberger to generate electricity in an egg shaped vortex of water only.(4). Flow-form technology uses the braiding technique in water. It is described extensively in Schauberger'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 there pictured is the info 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, Bill Misely, box 522 , Camden, ME 04843.)

Think of little slip knot bubbles in the ether or zero point background universal flux. When they move in a line, we call them energy. 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 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, 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 (5) advises us to "ride the long wave". 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. Gurdjieff said, conscious emotion was food for the body of the planet.

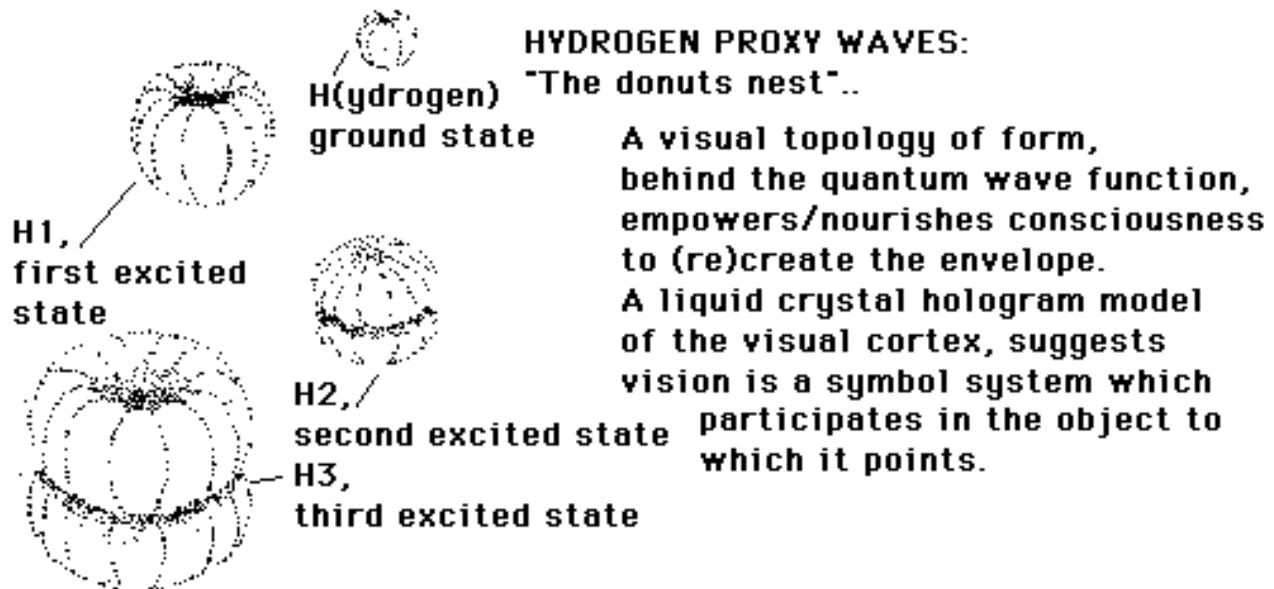
The disorder in a cryogenic metallic "liquid" is massaged to order by coherent sound. Thus phonon (or sonic) LONG wave coherence orchestrates superconductivity. This sonic ordering chides the childish water molecules from liquid, toward (super ordered) crystal, permitting cell metabolism to take place. (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: Joy, 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 conceive this is to visualize the way the peaks and troughs of light waves must all line up in columns to make laser light. Ben Bentov discovered the brain sonics become in phase with the heart, during intentional

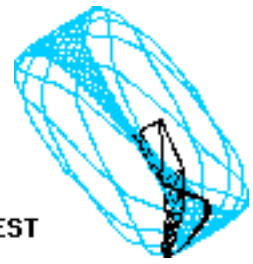
relaxation. Meditation literature documents the two halves of the brain become in phase, as the health benefits of meditation unfold. Phase locking is also what happens when two computers use a common crystal beat, to talk very fast to each other. Visually, if you play two sine waves, one on each axis 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.



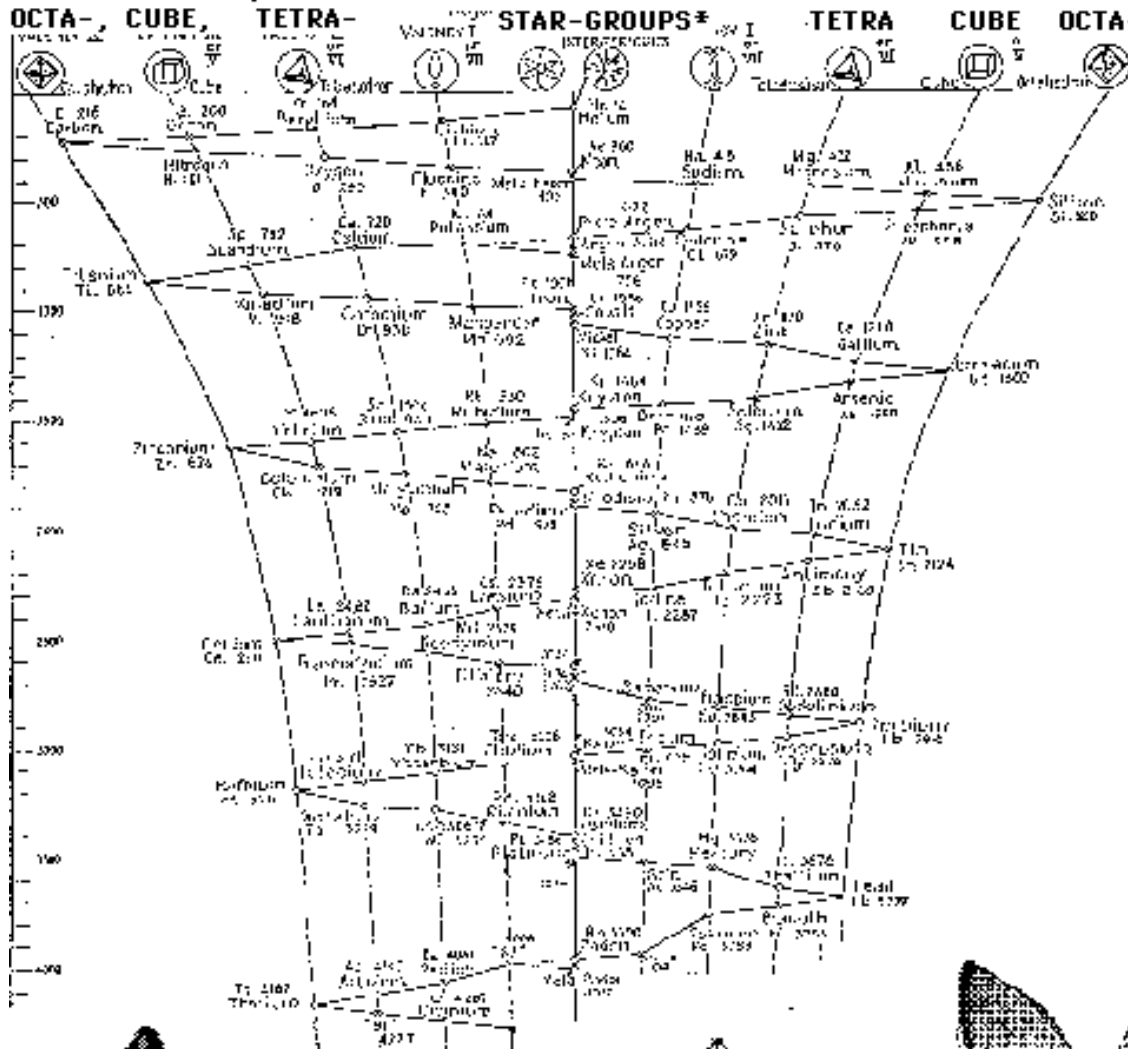
Interestingly there is a simple way to do this using the torus/donut. On a plane, only six regions (or colors) can all touch one another; but in 3D the surface of a torus is defined by a strip where seven colored regions can all touch each other. We have related this to the geometric origins of color, and the seven layers of the toroidal heart muscle elsewhere (ref). By taking only one strip of this “flame letter strip” sampled off the surface of the torus, containing all seven colors, we really have the info of the whole thing. (We could spin this around itself recreating the entire surface.) Interestingly, the little spiral strip off the torus donut, the universes 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. (cf first section text)

(next page): The atomic table according to Crooks, records electron shell geometry (valency as symmetry), as platonic nests of toroids (or vortex pairs). Storing information, on the angle to tie the donut knots. Pure platonic symmetry, quantized as the tilt or phase angle of the donut, “weaves” the atomic table. (These images are derived from "Occult Chemistry" by Leadbeater and Besant, from the Theosophic tradition, as later justified into contemporary quantum physics by Phillips in "Psi Perception of Quarks", Theosophical Press.)

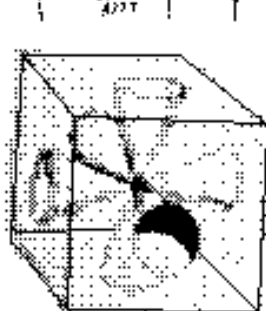
Thus a word in “sacred” (or timeless) alphabet like Hebrew, can be a phase, or ratio sequence, virtually a cookbook for weaving matter out of light. A ritual for “turning and turning till we come round right” (a Sufi dance).



THE ATOMIC TABLE ACCORDING TO CROOKS, WHERE THE PLATONIC SHAPE NEST OF VORTEX CONES, DEFINED THE SYMMETRY GROUPS (VALENCY).



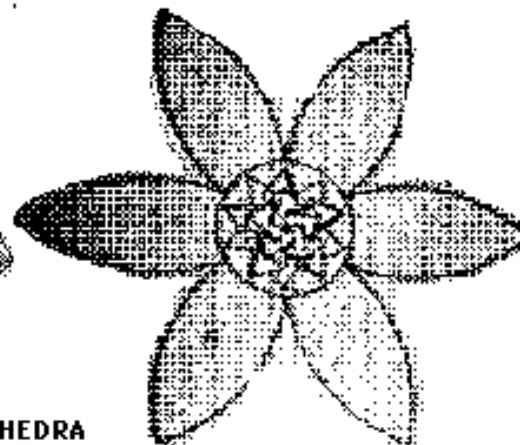
4 VORTEX CONES
AS TETRAHEDRA



6 CONES-CUBE



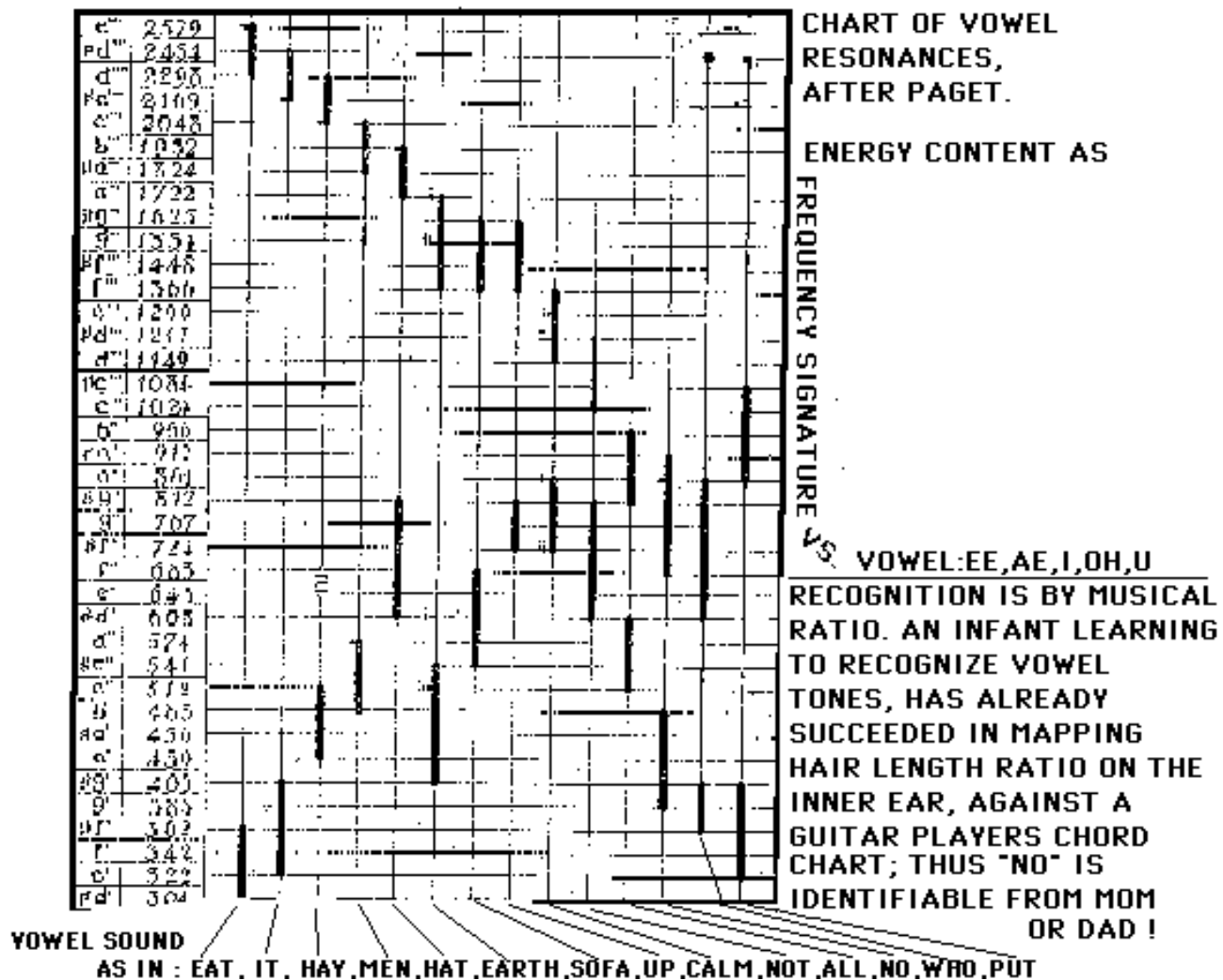
8 CONES-OCTAHEDRA



STAR GROUP-5 TETRAHEDRA
MAKE AN ICOSAEDRA/
5 CUBES (EACH AS 2 TETRA)
MAKE DODECAHEDRA.

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. (or slip knot, or Gordian knot). The archetype of the maze is also a memory of turns, or phase angles: visibly lights 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, (illustration), 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-formation 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.)

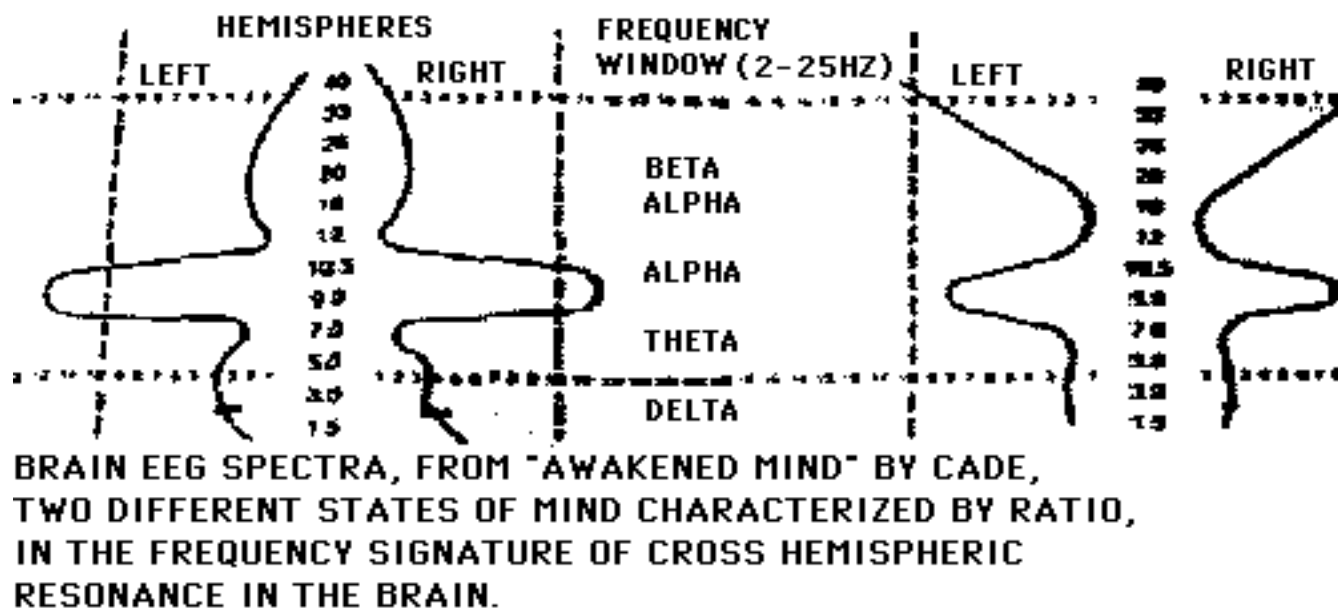


Ohno (ref), found the ratio sequence of the music of Chopin, in DNA codon sequences. More on geometry in the genes follows.

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 lo-frequency sonic ordering for significant biological reasons.

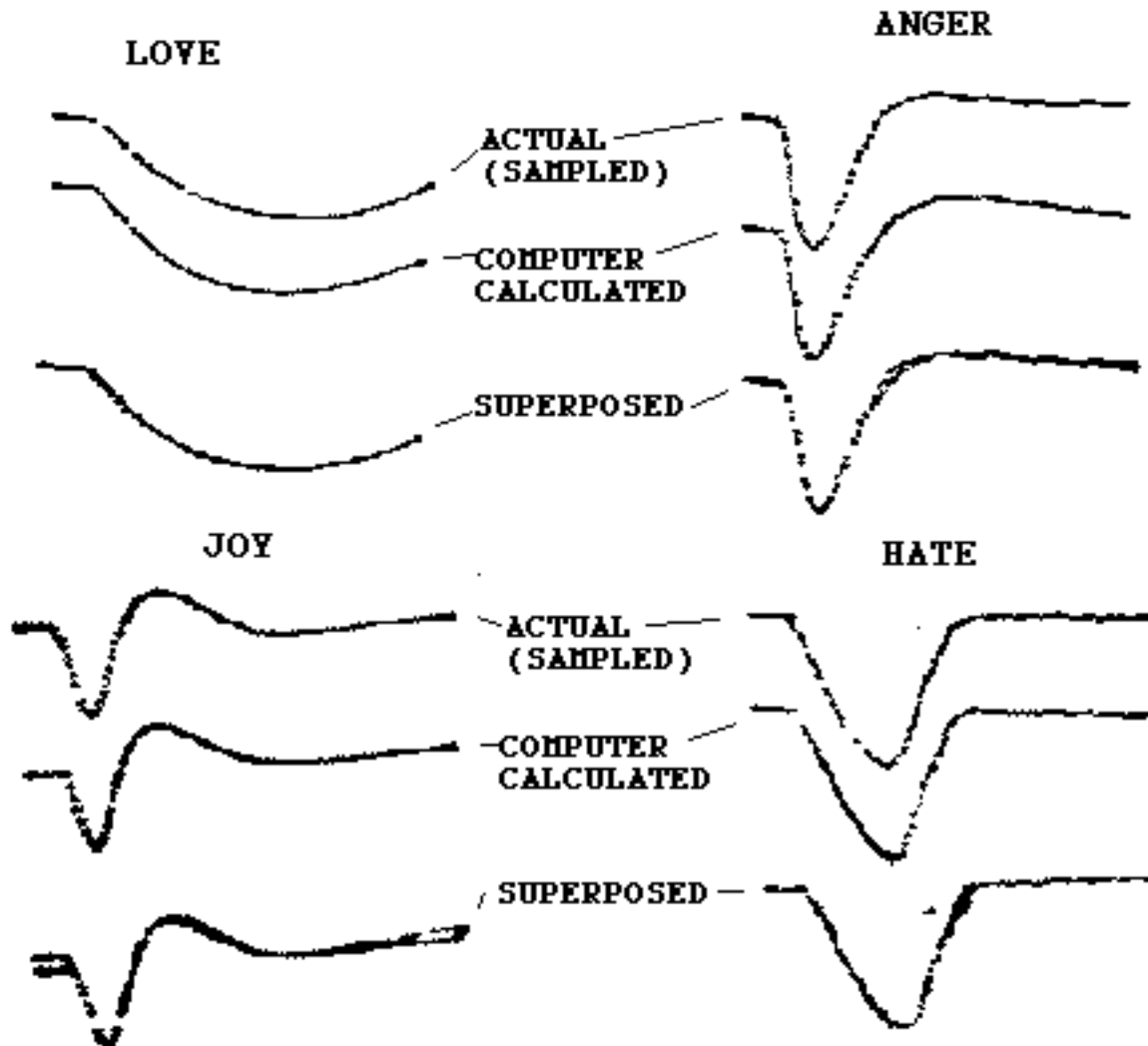
In "The Awakened Brain" by Cade, the pattern or ratio, as envelope, of these frequency peaks of EEG resonance coherence, is related to a specific morphic alphabet of healing function- in brain activity.



Again we have an archetypal alphabet of learned ratios which act as a template, through which the self/not-self of information flow in switched. The frequency window (approx 0-20hz) found significant is the same we noted significant in our spectrum analyses of the EKG at peak emotion, below. 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 to soften 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 (cf Harmonic Module Proposal (6)). We will develop the concept of coherence onset, also as a specific nutrient to immune function. (7). But first..

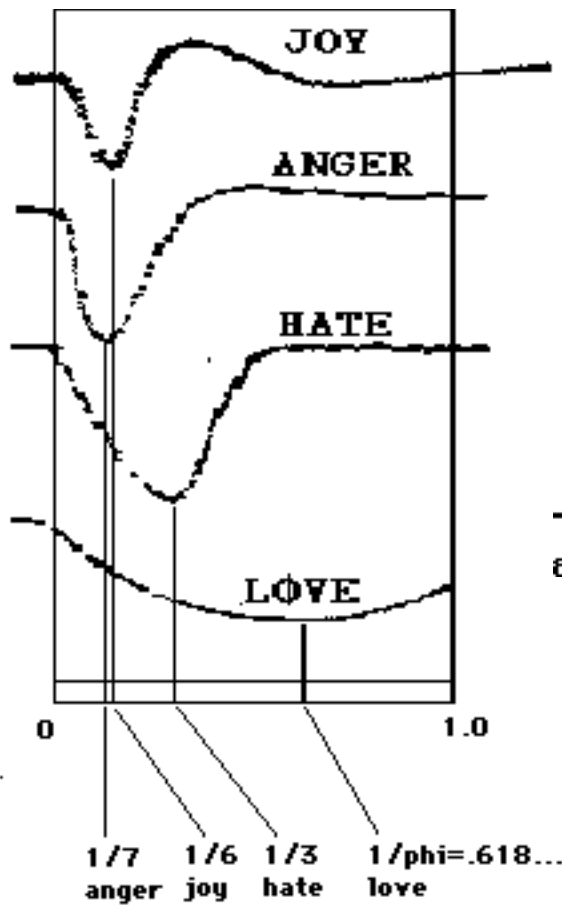
The next puzzle piece is the Sentic literature by Manfred Clynes (8). As a concert violinist, he noticed that the shape of the pressure he exerted on the strings of his instrument, bore a direct relationship to whether people cried during his performances. Ingeniously building a pressure sensor/ recording device he began testing the shape of the pressure wave people would 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 expressing anger. What he

found, dramatically, was not only were the pressure envelopes of touch, archetypal, but also quite cross cultural (cf 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.



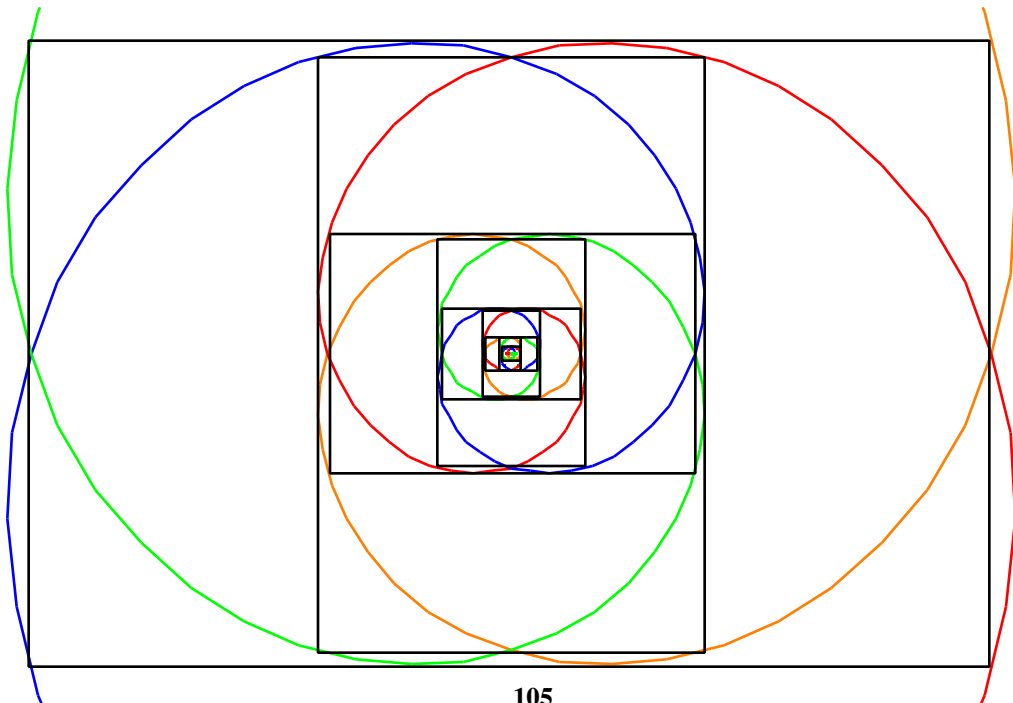
The envelopes are an alphabet of ratio, recognized around the world even more than “words”, they are pure touch.

Observe, that the moment of pressure maxima, establishes a ratio which can start a cascade of wave beat notes, down the Jacobs ladder of frequencies. It does not concern biology that the scale of emotions ratio is orders of magnitude longer than cellular resonances, getting the “words” right is recognition of ratio. (see over)



THE GREEK LETTER FOR
PHI, THE PERFECT RATIO
TO "TRANSLATE VORTICITY"
(Φ) BETWEEN CIRCLE
AND LINE (MATTER
AND ENERGY).
HENCE PHI-CYCLE=PHYSICAL.

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 is a thread we will follow below. Here, note 4 golden mean spiraled vesica..



This leads us to the little research project we have undertaken locally at Millard Fillmore Hospital, “Relaxation by Coherence”. In my graduate work at the University of Detroit, psychophysiology lab, with Dr Al Ax, we differentiated fear vs anger on the polygraph. (9). 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 the fingerprinting which has become a passion with me: frequency signature. I had persuaded my Dad to assist in acquiring 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?

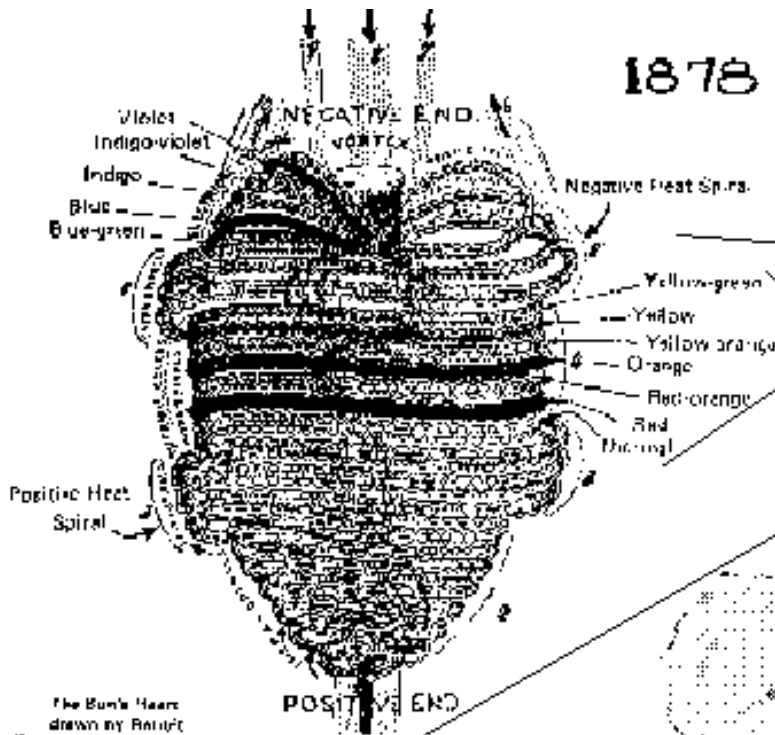
I was aware of Ben Bentov’s (10) work showing the heart sonics phase locking the brain during deep relaxation. Also consider Arthur Winfree (11) : “When Time Breaks Down: the 3D Dynamics of Electrochemical Waves and Cardiac Arrhythmias”. He illustrates the geometrical origins of the electro/chemical wave of the heart beat as specifically a 7-color torus/donut!. In my work deriving the sacred alphabet of forms from the 7-color torus, I derived the letterforms from the 7 possible ways you could spin a tetrahedron (4 point/face axes, 3 edge center pair axes). This 7-color / 7-spin is why the tetra-hedron codefines the torus. (Also consider the tetrahedral pure geometrical derivation of color Ron Oldchurch (14)).

So getting back to the heart of the matter, consider the seven spiral nest angles which make up the (liquid/crystal piezoelectric? (15)) separate layers making up the heart muscle (color frontispiece)(12)(16). In “Fields of Form” (12), where I first saw this 7 layer map of the heart muscle, they way the shape is derived is again from the 7-spins of the tetrahedron! In fact the heart is laid out as a recursion of the form of the anu/ primal donut particle (17)(18), and Babbitt’s primal particle: (next page)

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 bio logy. (The bios of logos, the body of the word).



1878



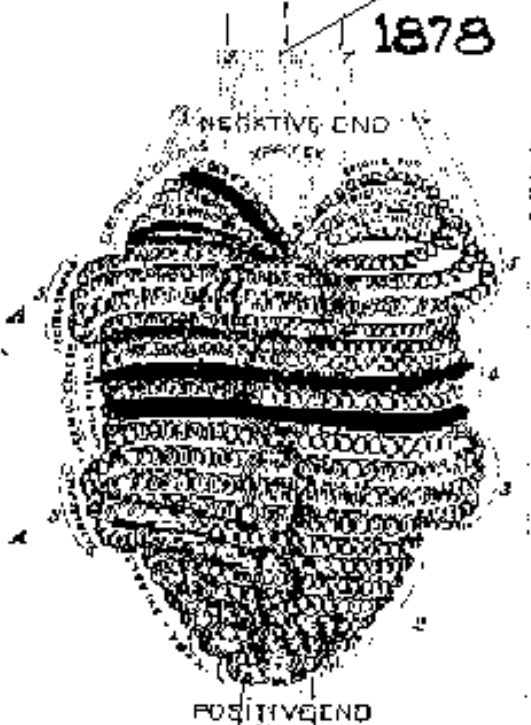
BABBITT'S 19TH CENTURY
DRAWINGS OF THE HEART OF
THE SUN, AND THE PHYSICAL
ATOM.

7 color turns



HEART MUSCLE
AS
FLAME LETTER.
AN ELECTROCHEMICAL
RITUAL TURN?

1878



BESANT-LEADBEATER
ETHERIC-STAGE 1
ULTIMATE PHYSICAL ATOM
1895 - 1900



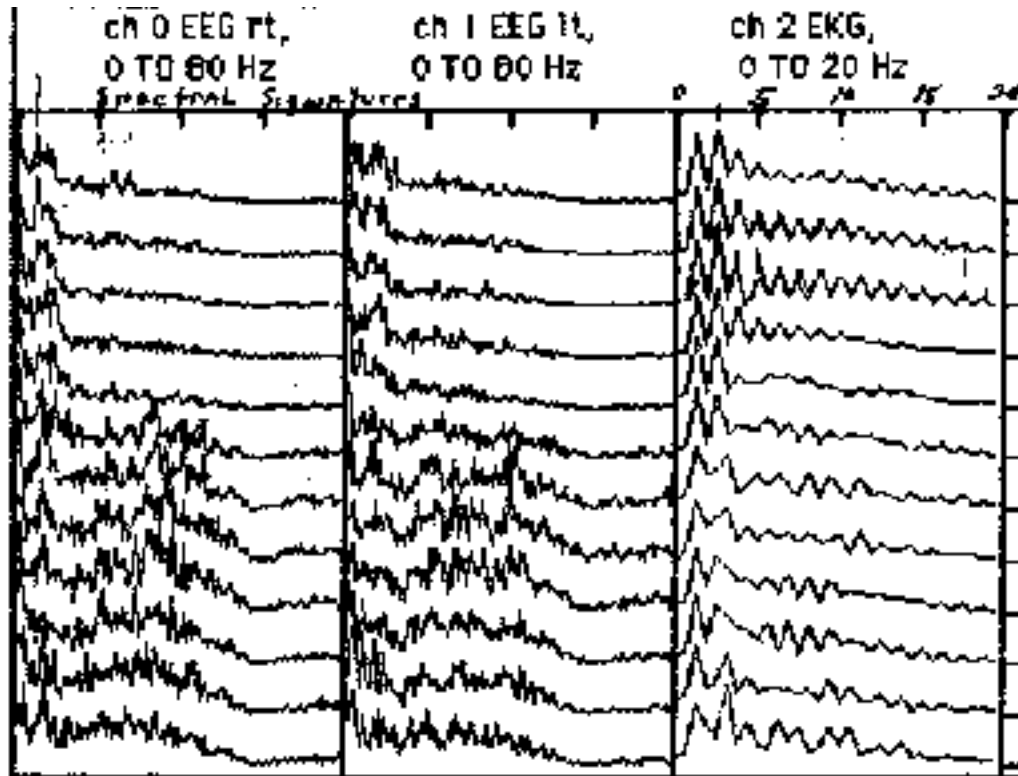
Positive



Negative

Fig. 11. The Two Chiral Forms of the U.P.A.

So the structure and resonance of the heart, were 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 which connected up in the near bedroom. 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 0-20hz 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 1.28hz 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=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 "lo-ph(i)".

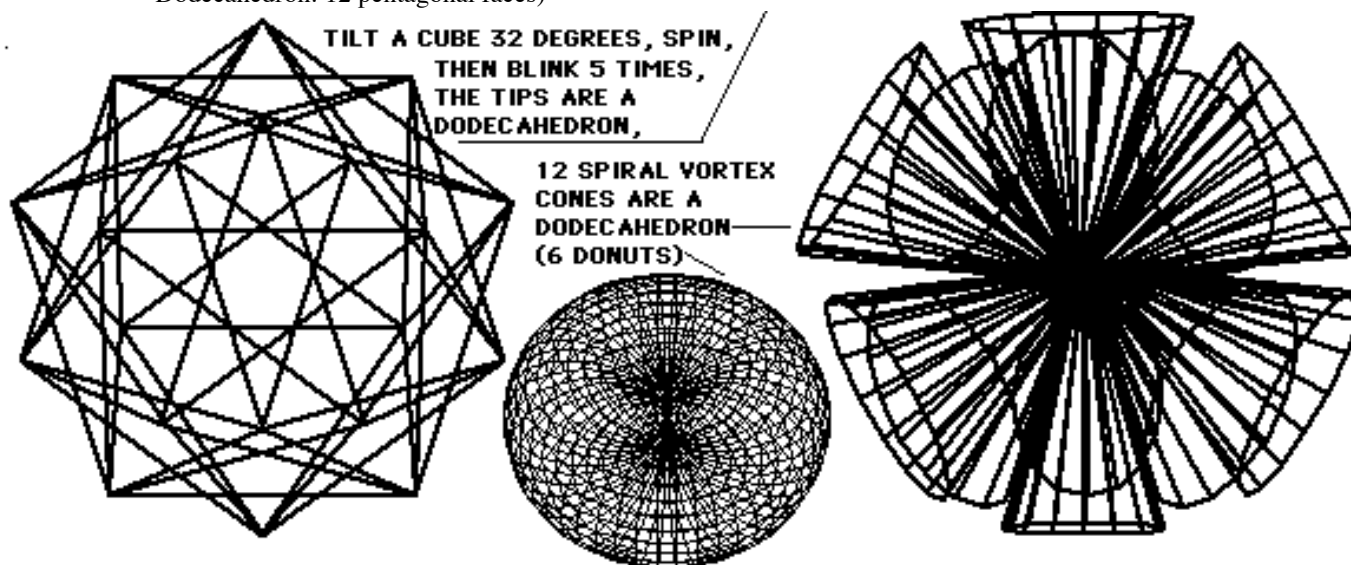
A bibliography on the significance of the golden mean would usually include just about every book that was either profound or sacred, in a library of your choice (19). However, here we shall examine particularly connections to the physical and emotional significance of genetic material.

Basically, there is phi-cycle significance to the golden-mean phi-bonacci progression (above)

You can move up or down the series by ADDING adjacent pairs, OR by MULTIPLYING any one by 1.618... to get the next. In our discussion of the heterodyning or simple beat of wave nodes, note that one thing two waves focused at a point cannot help but doing, is to produce additive AND multiplicative wave lengths. Thus the beating of all waves produces BOTH progressions: called arithmetic and geometric. Remember that all beats in a wave pattern continue beating the pattern, theoretically to infinity. Yet every time a wave pair meets, if the beats produce any geometry that doesn't fit the nest, destructive (instead of constructive) wave INTERFERENCE results. Thus, the golden mean is literally the path of least resistance for the children of waves to beget grandchildren.



In 2D, the simplest way to get this ratio is to draw pentagrams, one inside the other. In 3D, the x,y,&z axes will proceed in this ratio by drawing dodecahedra inside each other. (The Dodecahedron: 12 pentagonal faces)



This brings us to the delightful issue of the geometry of genetic material. Our excuse for entertaining ourselves with these pictures, is that we first started out to ask ourselves how does emotion in-formation access genetic material.

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 (21) or macrodynamically (22), 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 for 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 (1).

MANY WAYS TO SPIN, THE VIEWS OF DNA...

TEN SPIRALS OF THE GOLDEN MEAN,
AN INFINITE NEST OF PENTAGRAMS,
AND DNA SEEN FROM ABOVE.

FRACTAL/SELF/REFLECTIVE

VERTICAL INCREMENT
OF TURN=PHI (GOLDEN MN)
HORIZONTAL INCRMNT=PHI²
RADIUS OF TURN=PHI³
REF ANN TYNG & COXETER
DNA CONSERVES WAVE LENGTH,
AREA & VOLUME.

LENGTH=PHI, AREA=PHI²

VOLUME=PHI³

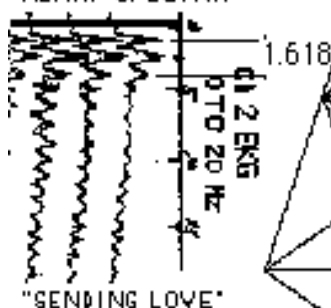
SPIRALING
CUBES,
CONSERVE ALL
FACETS OF
SHAPE ALONG
ONE PATH.

THE SAME
SPIRAL

SOURCE OF
VESICA/
"EYE OF GOD"

INFINITE RECURSION
SELF EMBEDDEDNESS

HEART SPECTRA



DOUBLE HELIX, DNA TRACE
SHADOW OF WRATCHETING
DODECAHEDRA.

CUBE IS 3 SPIN SPACE
DODECA IS 4TH SPIN OF CUBE,

DNA DODEC WRATCHET
IS 5TH SPIN (DIMENSION)
BRAID OF DNA IS 6TH
BRAID OF BRAID=7TH
(LONG WAY OF EMOTION).

sentic
avg. shape
of touch
1 for LOVE.



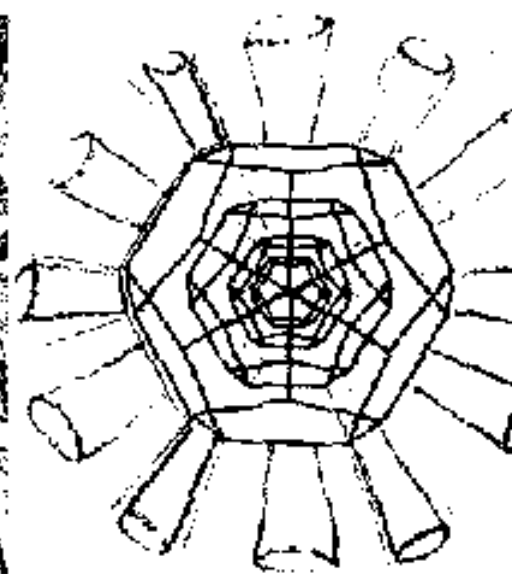
I often tell this story in a general interest way to groups : Suppose you wished to braid your lovers pony tail.. You would first divide the long hair in even halves. Then holding the ends you would move your hands back and forth, alternately one over, one under. Your hands would be making shorter lengths 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.



CADUCEUS



"TWELVE LOTUS PETALS OF THE HEART"



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 "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:

Dodecahedral models of: City of Revelation/ New Jerusalem (John Michell) (23)
: Ezekiels Wheel, 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 spiral of the Golden Mean is the necessary path. The 3 spin symmetry cube, spins to make dodeca- (above) 4D, the dodeca spins/ratchets makes DNA 5D, DNA braids upon braid.. 6D.. 7D.. 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 (see DNA illustration), the genetic waveguide can flow everything about shape (which is everything the universe has to remember), along "memories lane" between dimensions/scales.

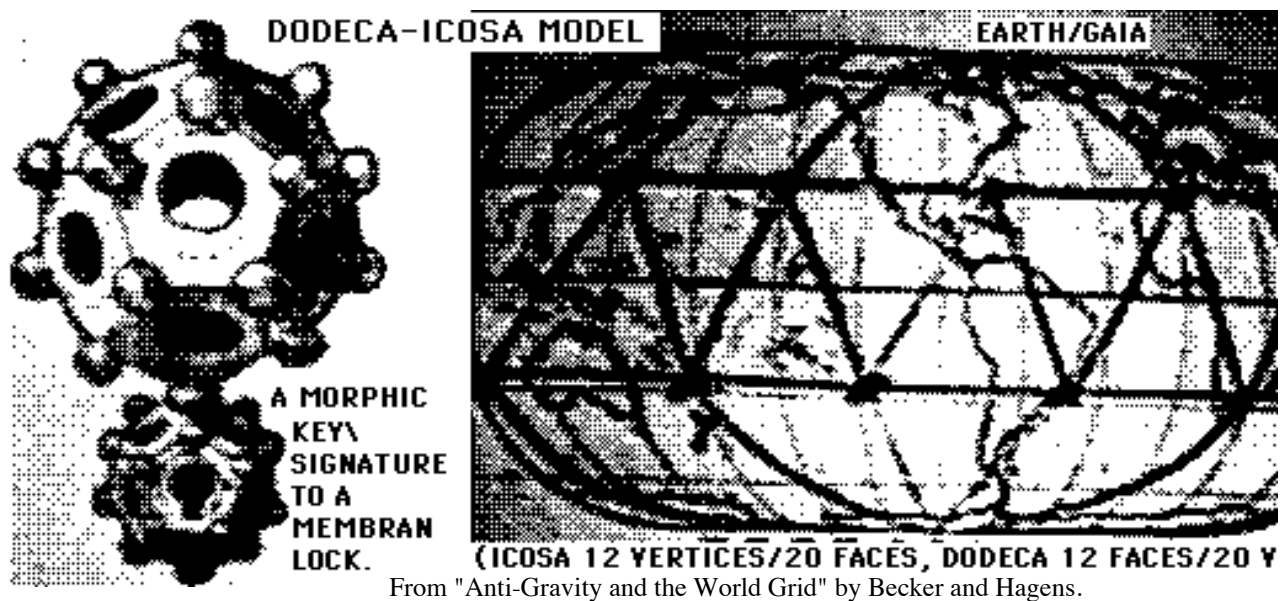
The implications for the learning of emotional behavior are deep. Manfred Clynes, while writing "Sentic" learned that even the process of having people eidetically go thru the "motions" of all the emotions, was profoundly therapeutic. Much like the "Range of Motion" (ROM) dance for the elderly.

Using feedback, and conscious choice, coherent emotion can be learned. Our Harmonic Module project uses this concept (24). We have stethoscope mikes, linked to geometrically arranged speakers, and laser light patterns. We believe that training in deep, coherent, emotion, particularly in 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. Here the real self/not-self decisions are made. 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). (image, next page)

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.(25).



From "Anti-Gravity and the World Grid" by Becker and Hagens.

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 Schumann resonance heartbeat, may be an umbilical cord to collective mind. Urban concrete canyons, whose electromagnetic low frequency chaos, may be a bleeding shock to a grounded emotional context/well connected mind. Cathedrals which follow the same resonance keys as viruses, at active sites, may be access points to the planetary membrane.

Does the brain (EEG), heart (EKG) system function as a staged, tuned oscillator—encoding a resonance alphabet called emotion, to weave the cell's membrane and gene? Thus passing information in context, down a resonance cascade which ultimately switches the gates, at the membrane level, called IMMUNE IDENTITY?

The cell membrane gates as "moire diffraction gradient" which is massaged to shape by the touch of feeling. A Tapestry of integrated emotions?

Nervous tissue & muscle tissue both allow coherent sonics to columnate: therefore becoming "piezoelectric" liquid crystal; & passing emotions long waves down to the cell.

SPECTRAL FINGER-PRINT OF THE CELL MEMBRANE: (A FOLDED BUBBLE OF SINE WAVES).

ENERGY CONTENT VS. FREQUENCY



THE LOCK

VS. FREQUENCY

Identity is the test whether the key fits the lock.

ENERGY VS. FREQUENCY



THE KEY

VS. FREQUENCY SPECTRA

A VIRUS TESTS THE GATES.

SPECTRUM ANALYSIS OF VIRUS (MOSTLY GENETIC MATERIAL, THE MOST RESONANCE SUSCEPTIBLE MATERIAL IN THE CELL.)

The heart is electrified to beat, by a toroidal voltage wave.. triggering a cascade of contractions down 7 piezoelectric layers of heart muscle, producing a profound sonic envelope.

In closing: the planetary context.

About a year ago there was a powerful article in Whole Earth Review called “BioAcoustic Habitat Theory”. In which it was reported that forests seemed to consciously maintain a full spectral emission, acoustically. That is, if a species whose sounds filled one particular niche of the sonic spectrum were eliminated for any reason, nature hastened to replace those sonic emissions (songs if you will), with another species which would fill just those vacant octaves spectral components. It was reported with dismay what the sounds of urbanization must do to the immune system, or bioacoustic membrane which surrounds healthy forests. A sonic grid is like a soft liquid crystal blanket which can sweep in or out, any wave knocking at the gates: truly a self/not-self decision making mechanism. If bioacoustic enveloping creates membrane for planet mind, then losing forests for Gaia means going crazy.

Another excellent contemporary worker in BioAcoustic Habitat theory as network for Gaia, is Bernie Kraus’s group at Wild Sanctuary Communications in San Francisco.

Sonic bloom technology, by Dan Carlson, has documented that dramatic plant growth enhancement occurs when foliar leaf surface feeding, is accompanied by birdsong like, ultrasonic “massage”. Nutrient uptake is coherent orderliness, for which sonics can be the carrier and envelope. Coherent ordering in water, which measurably enhances seed germination, can be sonically or magnetically enhanced, AND measured so accurately using coherent light scattering (Jim Patterson’s work), as to reliably detect whether purified water has been on the body of a healer.

When a whale family adds one phrase annually to a song they have been singing for generations, they are completing the longest biological sonic envelope on the planet. They sonically switch the longest piezoelectric salt watery gates for Gaia; naturally the galactic core would notice if the antenna grid switches stopped working. Viruses are information memes which the planet creates as a resonance bubble, by switching the way her moire membrane of biomass grid gates admit the solar gravitational bloodstream, to the heart of Earth. Creating healthy viral infections which generate truly evolutionary pressure waves in the genetic Grail cup of our species, requires happy dolphins and whales to switch the gates. Did you ever consider the architecture of coral reefs to be the product of dolphin collective sonic architecture? Imagine what the navy’s intentional sub-sonic implosions to hide submarine trails does to cetacean sensitivities? Why do they beach themselves they ask? (16)(Chapter “DolphinGrid: A Sonic Resonance Model for the Pod or Group Mind”)

The purifying selective melt envelope of joy can sweep through Earth, just as it does through human glands. Imagine the coil which propagates a disc shaped RF field gradually up the long axis of a germanium crystal being swept of impurities. The resonance field by melting to liquid from crystal, just the material in the center of the coil, sweeps before it all impurities which do not fit the grid of recrystallization. Repeated cycles of melting and recrystallization in a sweeping arc, result in the pure remaining, and the dross being swept to the end of the crystal. The coherent sonics of the emotional alphabet, are just like the coherence of the RF field sweeping the crystal.

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- (1) “Godel, Escher, & Bach: An Eternal Golden Braid” Hoffsteder
- (2) Zero Point Energy Research, cf Adam Trombly, Project Earth, Evergreen, CO.
also Moray King, Eyring Institute, UT.
- (3) Einstein: The magnetic monopole is the key to gravity.
- (4) Cf: Derivation of the fine structure constant, from the hydrodynamic model for the translation of vorticity in a torus. Contact author.
- (5) “Surfers of the Zuvuya”, Jose Arguelles, Bear & Co 88.
- (6) “Harmonic Module Project” contact PLANET HEARTWORKS, PO 1074, BOLINAS, CA 94924. 415 868 0819, or see (16).
- (7) Mother Theresa aura of love, was measured in immune T cell uptake improvement in Harvard student population. (published) I forget the author, info per Dr. Rick Ingrassi, MD, Newton, MA.
- (8) “Sentic” and “Music, Mind & Brain”, by Manfred Clynes.

- (9) The Psychophysiological Differentiation of Fear and Anger in Humans, Albert F. Ax, Psychosomatic Medicine, 1953, 15,433-442.
- (10) "Stalking the Wild Pendulum" Ben Bentov, Dutton Pub.
- (11) "When Time Breaks Down: The Three Dimensional Dynamics of Electrochemical Waves and Cardiac Arrhythmias" Arthur T. Winfree, Princeton Press 86.
- (12) "The Field of Form: Research Concerning the Outer World of Living Forms, and the Inner World of the Geometrical Imagination". Lawrence Edwards, Floris Books 82 % St.George Book Svce, PO 225, Spring Valley, NY 10977.
- (14) Tetrahedral Geometric Origins of Color, Ronald Oldchurch, 1680 N. HWY 101,#11 LeuCadia, CA. 92024. Reprinted in (16)
- (15) "BioElectronics", and " Electronic Biology and Cancer" by Albert Szent-Gyorgyi, Nodel Laureate.
- (16) Planet HeArtworks: A New Synthesis, Daniel Winter %Crystal Hill Publications, 9411 Sandrock Rd, Eden, NY 14057, '88, 250p,\$15.
- (17) Occult Chemistry, by Leadbeater & Besant, Theosophical Pub., Wheaton, IL.
- (18) Psi Perception of Quarks, by Philips, (physicist) integrates ANU (3some) into quark/string contemporary physics. %Theosophic Press, Wheaton, IL.
- (19) GOLDEN MEAN materials: "The Geometry of Art and Life" by Ghyka, Dover press, "The Curves of Life", by Cook, Dover Press, "The Power of Limits" Gyorgy Doczi, Shambhala Press, worlds? leading exponent: Ron Ginsberg, 75 Bruce Av,Yonkers,NY 10705.
- (20) Ann Tyng, Architect (worked with Kahn extensively), much inspiration for this work comes from her "Geometric Extensions of Consciousness" , ZODIAC #19.
- (21) Cymatics (Liquids or gases sonically excited to beautiful crystal) by Han Jenny, Basilus Press, Basel, also Sensitive Chaos, by Schwenk. both books or info may be available through Anthroposophic Press, Bell's Pond, Star Route, Hudson, NY 12534
- (22) Macrodynamics (studies, computer programs, literature) by Ralph Abraham, Phd, %UCSC Math Dept, or Box 1378, Santa Cruz, CA 95061
- (23) John Michell, author "City of Revelation"(dodeca?), "View Over Atlantis", current reprint: "Dimensions of Paradise".
- (24) Harmonic Module Project, cf (6) & (16).
- (25) "Anti Gravity and the World Grid", Ed. by Childress, Box 22, Stelle, IL 60619 also, cf Planetary Grid Society % Bethe Hagens & Bill Becker, 105 Wolpers, Park Forest, IL 60466.
- Structural Stability and Morphogenesis, by Rene Thom (Catastrophe theory) W.A.Benjamin, INC., Reading MA. 75.
- Laws of Form by Brown, the key operator for the calculus of forms, (inside vs outside) is equivalent to the biological concept: membrane.
- The Awakened Mind: Biofeedback and the Development of Higher States of Awareness. by Naxwell Cade, Element Books, Dorset. in the U.S. % Anna Wise, The Evolving Institute, 1408 Pine St., Boulder, CO. 80302. (Mind Mirror, EEG display & feedback



RESONANCE GEOMETRY:

A UNIFYING MODERN LANGUAGE OF RIGOR AND SYNTAX KEY SIGNATURE FOR

-ARCHITECTURAL SPACE,

-SEISMIC & TECTONIC SPACE,

-MAGNETIC & CRYSTALLINE SPACE, AND -THE
PSYCHOPHYSIOLOGY OF HUMAN
EMOTION/FEELING

When two waves beat into each other from a place of focus, our language of physics and electronics allows us to describe and perhaps feel the results. They are said to “interfere” and resonate or ring, producing sum and multiple waves called heterodynes. Thus from only a marriage of two, universal principle weaves an infinite nest: a harmonic progression & a projective geometry.

However in “monolithic architecture” which is INTEGRATED circuit design, the crystal chip cutter veritably GIVES UP when you ask for 3D, that is a predictable “ring” from the three waves, three axis.. called volume or SPACE. (Theory & Design of Quartz Crystal Oscillators, by Virgil Bottom.) From a purely mathematical perspective the quartz heartbeat of your watch and computer is made predictable by cutting a 2D, two wave, wafer plane resonating molecular sandwich, where the third VOLUMetric dimension is cut very long to be “out of it.. spurious.” This is said to be because an infinite FOURIER.. that is sine wave harmonic summation.. series, cannot be solved between THREE dimensions of oscillation: it’s too complex. The problem is reminiscent of the still unsolved THREE body gravity problem. Our physics has a “feeling” for the gravity between two bodies, but not THREE.

It is symbolic that our 2D, TWO wave HARMONIC ANALYSIS of oscillation has not penetrated from AREA to VOLUME-SPACE-3D. It is as if we have not collectively leapt from FLATLAND image resolution. A ritual of “rhythmic traverse” (A Sufi dance) is all that is required of the hologram reference beam to sample or ratchet the inFORMation out of a 3D cube ratcheting through FLATLAND.

The information nesting permitted in the hologram’s reference beam, is precisely due to its discipline of harmonic order: COHERENCE. Poetically, coherence is the name for the shared hanging of hats between scales. Louis Acker calls the grid of coherence, “interdimensional common nodal points”. Thus a COHERENT HARMONIC PROGRESSION is informationally, THE PATH BETWEEN DIMENSIONS. (Since it is the only information conserving path between harmonics.)

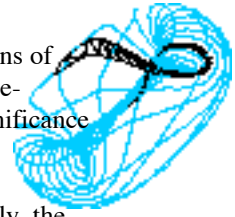
Now you might say, tell me again in simple terms what COHERENCE is? Remember when the grandfather clocks in a room after resonating together for a time all began swinging their pendulum EXACTLY together. Well coherence is the moment when not only were they at the same speed, but were all going right and left together IN PHASE, like dancers. The marriage of moment in phase, being the essence of laser, hologram AND.....

In our study at Millard Fillmore Hospital on the harmonics of the immune system (Dan Winter, 1988), when our meditator relaxed, focusing on LOVE, the heart harmonics became PHASE COHERENT. Our spectrum analysis of the EKG showed coherent harmonic progression at peak emotional moments.

Further the frequency spacing of those heart harmonics was SQUARE ROOT OF GOLDEN MEAN. Mathematically, the heart tells the tale of the only solution to the unresolvable complexity of the THREE resonators nesting problem. If you produce a harmonic series based on PHI (GOLDEN MEAN), the interference of the beat notes or “heterodynes” are always coherent or constructive. This is because the GOLDEN proportion is the universe’s only series which both adds and multiplies. This only nest which is both arithmetic and geometric, is a wave’s best way of enfolding.. bonding.. LOVING.

The Golden mean is the only solution to recursiveness (feedback) from CHAOS to FRACTAL. It is the ideal percentage of new information which can feed back interference

beam without INTERFERING with reference beam. (Ann Tyng: “Geometric Extensions of Consciousness”, Fred Wolf in “Star-Wave” equation of “consciousness”-self/reference-re/normalization was $x=1/(x+1) = .618... = 1/\text{PHI}$, Dan Winter “The (PHI) Shape Significance of Genetic Material as a Wave Path for Frequency Signature”.)



Remembering that the inspiration of “FEELING” is the agreed test of success in the architecture of SPACE, we are called to look for a syntax of what feeling is. Fortunately, the literature called “Sentics” and “Music, Mind & Brain”, both by Manfred Clynes, stand ready to answer. Emotions, as a geometry of touch or pressure have been identified and typified CROSS CULTURALLY as a simple set of wave forms or FREQUENCY SIGNATURE. Each feeling being universally characterized by the way it massages the wave envelope in touch or pressure. The universality of ratio in the shape of touch is carried up the same spectrum of geometry of pressure, to music. The identity of ratio of pressure (frequency) produces dramatic random recognition of musical ratio TO THEIR RESPECTIVE EMOTIONS, using the same laws of proportion. Emotions’ syntax is the same law of geometry of lengths, that found music AND “The Power of Limits” in sacred space.

The mechanics and significance of the onset of coherence to conductivity space are documented in superconductivity literature on “phonon” (sonic) coherence, in the TM literature on brain wave coherence, in Bentov: “Stalking the Wild Pendulum” heart to brain entrainment/coherence, & in the “Awakened Brain” material on the mind-mirror EEG spectra. The packet switching biology uses to network group mind.. dolphins, whales, birds, human.. is analyzed in “The DolphinGrid: A Sonic Resonance Model for THE POD or GROUP MIND”.

Planet structures too are known seismically by their frequency signatures. VOLUMETRIC analysis is a projective geometry from the nest of nodes of the waves of the universe which are only ONE in substance. For a NON-destructive test we use a sonic-hologram to beat a light hologram. A nesting of pressures hangs hats across frequencies. Megalithic ratios are the keys to their wave guide function: root two-in/cube/ate, PHI are pent and star gate.

The spectrum analysis of the Hebrew alphabet produces pictures of their letter forms, Fred Wolf: “Spectrograms of The Hebrew Alphabet” (unpublished). Resonance signature is a universal calculus of language/syntax, and “Law of (wave)Form” which energy links structures like planets, temples, emotions, and words across scales.

In summary, it is suggested that for a rigorous Feng Shui or geomancy of a place, we take the sonic and magnetic resonance signature of the space. These are established by the (wave) lengths of the structural or topological components of the shape or body whose feeling is being tested. This is very much like an organ master testing the resonance of the church, preparing to shape the frequency response of a cathedral organ to its designed space. The magnetic ELF envelope, the volumetric ratio and angular progression, and the tectonic and gravity grid map as a face upon faces. A specific EMOTIONAL intention can be identified by the harmonic character of a space.

The architecture of an electron city in a monolithic crystal requires zone refinement on a membrane of conductivity. This is the columnar choreographic function of whale songs, cathedral bells, and hopskotch childlike joy, to the meme-brain-ous biomass gate/grids of protoplasmic Gaia. A language of rigor awaits us to parse and syntax the nesting of all these SUMbodies. (“Gramatical Man: Information, Entropy, Language & Life”, Jeremy Campbell). The language of the soliton wave braids context unto gene from emotion & gland. The dance of monoliths and planets geometrize gravity’s blood into a CELLEstial bubble: the GENE-ISIS Grail. Saang-Royal, Holy Blood, Holy Grail.

“WHEN LIGHTNING STRIKES A HUMMINGBIRD”

an exercise in imagination.

This was originally prepared as a visuals outline...

a proposed series of color 3d graphic rotations and animations for our MACII project,
to be offered to serve as the initiatory visions of a mythic hero in high visibility media like..

The Immortal Child, or Gaia, or Peace Child, or other

major transformative film or stage projects.

Your help in assembling the resources to develop highly visual & dramatic, teaching tools
with these visions is solicited.

When men first entered “space”, astronauts repeatedly returned psychologically
transformed by the vision of Earth as one body.

Imagine the surface of our home/body/Earth as Gaia. It is a flow form of tectonics, jet
streams, and ocean currents. Visualize this bubble of life merging in and out almost
imperceptibly to the surface flow form of a single living human egg, zygote, about to
divide. The two patterns of flow of these two birthing bodies become topologically almost
indistinguishable. All the clues of a life about to unpack and replicate are there, in the
way the surface flows and folds. The Peruvian Indians have long known that the change
of pattern of the warm Peruvian ocean current called “El Nino”, meant “the Little One”-
the Christ Child- was about to be born.. CRYST-all-ize.

As your vision embraces in Maternal warmth, the specter of the great body Earth in its
birth throes, hear your mother’s heartbeat the source of your bonding-, phase lock
umbilically onto the Earth’s Schuman resonance heartbeat (the Cryst-all oscillator of our
collective bond to ONE mother.. Earth).

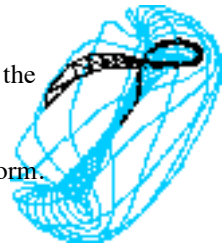
It is like you are tracking two visions at once, by looking at one life bubble you are
seeing the cell called Earth/Gaia, and the human egg. Your focus on the human egg, and
its’ path of division starts to fade just as the dividing cell spheres arrange themselves in
multiplication tracing in sequence the points of the platonic solids. Your birth was an
unpacking flower along a path of purest principle, just as is Earth’s. Memory’s path to
wholeness/ONENESS requires intimate knowing of the way of this corridor. We’ll see
that alphabet originated also by exactly this sequence.

Next, the Gaia/Earth image/bubble recedes in perspective to reveal the large donut-like
body of the magnetic envelope of Earth, beating and pulsing as a giant standing smoke-
ring, puffed up by the breath of the Solar wind. Listen to the Earth’s Schuman resonance
heartbeat now merge and phase bond to the much slower and vaster Solar
cycles/heartbeat. Sampled and sonically compressed on the synthesizer, the solar cycles
too become audible. Your ear as a sampler of the ambient pressures, can greatly enlarge
its spectral window by changing its sample window, just like your eyes can. Attention is
the lightning strobe which stops the action by creating still-points, peeking in on nature’s
flow. To embrace a longer pressure wave, like the solar body, just broaden the still point
of your attention, to touch a larger pattern or body of mind.

Notice in your imaging of the Sun’s beating, that the pattern begins to create a carpet-
like weft and woof. You see the Sun as a doting maternal seamstress whose Solar Cycle
embroidery turns out to be none other than the Mayan Calendric and the I Ching (cf Jose
Arguelles “Mayan Factor”). This pattern makes a stained glass window of dodecahedral
faces, exactly mapped to pour light into DNA and the Earth grid, which are the same phi-
cycle shape. DNA, The I Ching, the Earth’s dodeca grid, and Mayan Calendrics have all
unpacked from your 3D view of the spinning pulsing eros of the Sun.

Your image of the Earth and Sun as a heart pulsing system further recedes in
perspective to reveal the helical motion of all the planets (since our central Sun is itself
moving). The planets and sun leave a ripple in the gravity bubble of the solar system, like
a giant spiders web...”trailing clouds of glory”. As the 3D shape of the nest so woven
begins to complete itself with the end of one 26000 year precession cycle, the true shape of

the body of the solar system emerges: a beautiful sperm with head, torso, and tail (ref: the chapter here “The Sperm and the Egg, A Galactic Context”, & “Theory of Celestial Influence” by Rodney Collin).



Next we'll discover that Earth is the weaver of genetic material within this field of form. Looking into this giant sperm, see that Earth's angle of precession with respect to the galactic plane, is exactly the 32 degrees which tilts a cube up correctly to spin it into a dodecahedron. Visualize the tilted cube (grid) spin, the lightning pulses of Sun & galactic synchronization beam (“Mayan Factor”), stop the action 5 times per rotation, and a dodecahedron magically appears. See the dodeca- Earth grid image (ref “Anti-Gravity and the World Grid” by Becker and Hagens).

Next animate your spinning dodeca-Earth down the lightning like 3D helix that is its true solar system motion. Again the lightning strobe of attention and the momentary alignment of stars, stop and ratchet the action: an exact trace of DNA magically appears. Genetic material is the 4th dimension or spin axis of a dodecahedron. (Reference: “Geometric Extensions of Consciousness” by Ann Tyng, and “One Crystals Dance” by Daniel Winter.)

The strands of DNA in the sperm cell of the solar system come pouring out of the churning Earth's bubble of gravity... as a simple symphony of pressure... memories and membranes woven of gravity and light. The DNA music from the progressions of the genetic protein ladder rungs plays. (Ohno's work.)

As this view flagellates into the distance, the 12 houses of the zodiac appear as 12 cones in a plane, caused by a dodecahedron's 12 faces passing thru a plane (ref “Flatland” by Abbott, and the zodiac as dodecahedron in “Isis Unveiled” Theosophical). The sperm finds itself in a giant cathedral dodecahedra, exactly the dimensions of the dodecahedron called “City of Revelation”, “New Jerusalem” (cf John Michell “City of Revelation”).

The 12 light cones making the infinite dodeca-icosa nest here (model: “Star Mother Kit”) have vortex twister centers: each a torus (donut).... 6 pairs, 6 donuts, 12 faces. (Eddington's formula for the volume of the universe was the formula for the volume of a torus; Ref: Arthur Young: “The Reflexive Universe”).

Spinning vortex donuts begin to nest, one in each face (symmetry axis), of each platonic solid. This creates in sequence each column of the atomic table. (cf: atomic table according to Crooks, & rich visual detail in “Occult Chemistry” by Leadbeater and Besant, vindicated in contemporary physics by Phillips in England: “Psi Perception of Quarks”) Thus all of matter is generated from transformations of ONE flow form.

This spinning donut “engine” burning white in the center, bounces off your visual screen, in each of the seven possible spins of the tetrahedron. The percent of motion straight forward versus aside, of the vortex (photon) as a whole, makes a simple visual vector ratio from 440 to 880 angstroms, and each color of the rainbow is created in sequence by pure geometry (Ron Oldchurch, San Diego). The seven spins which make the tetrahedra are described in “Fields of Form” by Lawrence Edwards. These seven spin angles nest the photons simplicial flow form onto the cones of the eye. Thus these cones measure the tilt of the photon on geometry's simplest form, the origins of color from pure geometry.

The simplicial torus is topology's way of touching the most colors to each other. That is to say, seven is the most colors which can all touch each other as regions of color, on a surface. And that surface is the donut-torus (cf Ralph Abraham, & others). One Moebius strip divided into seven continuous color bands exactly maps the torus. And the tetrahedron's seven spins, and the torus donut are mutually co-defining.

Next the alphabet is born of the same ONE form.

Focus on one donut torus. Locate by visual inspection the smallest region/strip which can contain all the colors. This strip contains all the surface information necessary to spin around into the whole donut, yet is itself a slender “Flame Letter”. It looks like a vortex or horn. The seven color flame letter strip spins. Each time the vortex of the flame letter ratchets to a different spin symmetry of the platonic solids, lightning stops the

action long enough to reveal the exact shape of the Hebrew, Greek and Arabic alphabet.

The letters are created as 2D shadows of the seven color strip map off the torus/donut. This specific alphabet of shapes pass through a simple prism, symbolizing a spectrum analyzer breaking down the wave components of the letters into their sonic rainbow. Thus, the sounds of the letters of the Hebrew alphabet are actually produced and heard from the shapes generated by the geometry of light ("Spectrograms of the Hebrew Alphabet" by Fred Wolf, privately published.)

Gently move your focus now back to the realm of galactic bodies, so that we may notice a function of this alphabet on a scale much larger than we have imagined. In the giant apple-shaped cell of replicating galaxies, the huge genetic helical form in the center of the cell spins by. A centriole-like "black hole" one on top and bottom appears. Zooming in, we see that the actual shape of these foci where all the puppet strings for meiosis converge, are physically the Hebrew letters. Their frequency signature as wave guide and "name", choreographs, or arranges by resonance, the dance of replication. The Ankh, Aleph, and Omega are names of embodiments whose shapes, names, & functions galactically are metabolic in a vast cellular body. They are beings, sum-body. (This concept of the galactic extensions of language is developed in Ben Bentov's "The Cosmic Book".)

The (galactic/human) cell division occurs. Only now we find, we are the only place where we have traced this unpacking: the human zygote/egg/fetus. Ontogeny recapitulating phylogeny has brought us back before our birth. We pick up the threads where we left the human cells replicating in the first scene in this chapter. One cell.. a sphere, 4 cells.. a tetrahedron, then octahedron, cube, and ultimately dodeca-icosahedra. The cells trace out the geometry of efficacious touch called the platonic solids. (Ref: "Biology: A Human Approach", also Franklin Edge: "A Mystical Mathematical Cosmology with Connections to its Physical Bases", and D'runvalo Melchizadek -soon to be published).

The Golden Mean (ϕ) vesica traces fetus growth. The limb vertices make golden mean spirals, along the path of growth of the babe.

As the fetus finishes growing, the birth tunnel is a massaged memory of pressure converging as the same torus core. It is the path of touch back to the remembrance of all toroidal forms. Moment of pressure creates memory/in-form-ation. Immune system mem(ory)brane umbrella surface unfolds. Pressure is the focus of the prism which makes the spectrum analyzer we call a rainbow. Only focus enacts the immunological laws which cause order, coherence, health to be self generating (the rainbow principle); and dis-order, disease, incoherence.. to be self destructive.

Fetus as babe draws first breath. Oxygen as helix (Occult Chemistry) is lightning. It lights the fire inside whose first ignition fixes the moire grid of the star-crossed gravity bubble (galactic mem-brane) into memory. The child's auric template forms. This bio-bubble forms by the pressure geometry of the trails of stars' gravity. Roaring.. burning.. tingle.. lit by the breath, the flame of biology chooses its first identifying shape. "Phase-lock", bonding with universe Mater, matter, and mother occurs.

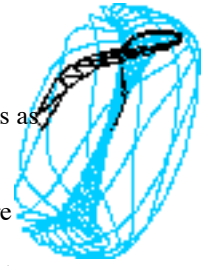
The child learns to breathe. The heart is the center of the figure 8 donut of the breath circuit. Abdominal or thoracic breathing pivots at the heart and tunes it. Attention is the finger on the guitar string fixing the note called breath. This tunes and times the heartbeat, and sets the governing drumbeat for the EEG. (Bentov: "Stalking the Wild Pendulum").

The heart stabilizes simple resonance on the aortic violin string to the crotch. The EEG is tuned by the sonic ring up from the heart. (Ibid.) The profound, shape-defining origin of the heartbeat is an electrical wave exactly a 7-color torus. (cf: "When Time Breaks Down" Arthur Winfree.)

The toroidal layers of the muscles of the heart are 7, from the spin axes of the tetrahedron. (Ref: "Fields of Form" Lawrence Edwards.)

All of the simple harmonics of emotion proceed from breath. The glands spectrum analyze a simple alphabet to make emotion. Their envelopes are massaged sonically. The

shape of the pressure wave called touch is learned, and exactly traces the alphabet of emotion. (Ref: "Santics" & "Music, Mind & Brain" both by Manfred Clynes.) Emotions as wave shapes are archetypal. Waves of emotion are form-constants; every one's joy or anger or fear have exactly the same graphic ratio, whether through the field of touch or sound. (Either is an example of the lengths pressure will go to to be felt.) Emotions were intentionally created musically in Manfred Clynes (& Gurdjieff's) work.



Thus the child maturing becomes a resonance engine whose emotion envelopes exactly nourish (by harmonic cascade-ratio preserved keys):

CELL MEM BRANES,

HUMAN AURIC MEM BRANES,

PLANET GRAVITY/MAGNETIC BUBBLE MEM BRANE.

Geometries of (breath) chosen tension flow out of the body as musical ratio raindrops massaging these membranes, without regard for the distance of scale.. they propagate by ratio (just like vowel sounds are recognizable in any octave). Emotions are the symphony of the glands. They are the cookie-cutter/alphabet/fingerprints of consciousness, creating and shaping cell, human, and planet membrane (mind). (cf: Dr. Bruce Lipton: "Liquid Crystal Consciousness and the Cell" & "Membrane Mediated Behavior".)

Just like the letters of the Hebrew alphabet are cookie cutters to select the phase angle of light, emotions are the template by which consciousness maps her gifts onto biology. Your choice of emotion is your responsibility to the physics of creation. And the long wave of breath tunes the frequency cascade to emotion, & thus all the other harmonics which comprise life.

The geometry of the raindrops called emotion on the membranes are morphic keys in the membrane spectral (phase) locks called identity. The three sets of membrane bubbles learn that the center of gravity called heart is the only way to allow the wave pattern from the surface raindrop to recur through center and thus "stand" as wave. Recursiveness, originates consciousness as a fractal (cf: the work of Louis Kaufman, Univ. of Chicago, & Ron Ginsberg, also "Star Wave" by Fred Wolf.. the golden mean solves the necessary equation for reflexive-recursive consciousness.) Memory requires the Tai Chi of center of gravity. Only what passes through ONE center is re-membered. The heart as a flow form is a form constant which contains "in principle" all centers. Thus purified by "the heart of the matter", emotions become standing waves when they are integrated to coherence. They weave the folded surface called membrane. By defining what is inside/outside, self/not-self (immunity) originates. Separateness is an illusion useful to biology for "a time". (Physics knows that time is only defined by spin.)

The spectral windows of membranes are the gates of immunity. Incomplete integration of the resonance of emotion leaves holes in the bubble wall of cell, human aura, planet grid. Where the length of our longest wave isn't long enough to switch Earth's gates, nature has provided whale songs.

The forests as Gaia membrane skin make complete sonic symphony (Bio-Acoustic Habitat Theory, Whole Earth Review). If one spectrum of forest sound maker disappears (one species), quickly nature finds a new source for that sonic region. Biomass is living skin for Gaia, woven by the joyous coherent sonic emotion of ALL her species. The irreplaceable whale songs tell galactic farmers whether Earth's membrane is alive to communicate. (Star Trek IV).

The initiation/emotion fed child learns to identify with the new Merkabbah dodeca- grid of Gaia.... merges as child of mind into planet as one mind... the same shape as her genetic grail.... the immortal child. Biology's message, as memory bubble seed, is successfully folded and packed off for galactic impregnation.. Christos (Crystos) aborning... The sperm of the solar wave bubble ecstatically delivers its DNA across the orgasmic spark gap- galactic synchronization beam (Arguelles) to the galactic Egg. Christos fertilizes across the universe the way of Mat(ter)'s uplift to ONEness. Co here nce.....Lo phi.

postscript.....all these concepts are ideally to be conveyed visually, the sonics to be actually form-generated through the visuals.

HEALING IN CONTEXT, Nesting Memories In-Form-Ation. The Healing Potential of the Harmonic Module.

Religion has known for centuries that the great envelope message called cathedral and “Mass”, were a great context nest to weave long waves of Communion together. Religion has been a high data leverage healer for centuries, no license required from the A.M.A. Today, the psychophysiology of emotion shows us the essential need for the context of the long wave. It is biology’s designed mechanism for nesting to body, community, planet, and galaxy. The longest wave is LO frequency, PHI (golden mean 1.618...) related, abbreviated LO-Phi.. LO-VE.

Only in the information meme memory packet envelope called higher emotion, is the information of great galactic and planetary feeling, physically massaged into biology and our glands. The coherent experiencing of emotion is our only hope for weaving ourselves into the oneness which can envelope our planet and give us a MIND to heal our collective body.

If physics were to inform the ancient quest for .. “the HIGHEST level of healing”, emotion would clearly win over chemistry. The reason for this is that the longest wave envelope has leverage over more of the bodies metabolism. Using conscious control of emotion vs aspirin, is like having a handle on a whole airplane of suitcases, instead of one set of packages. The long wave (E.L.F. ..extra lo frequency... LO-PHI..love) coherence which unfolds and envelopes in the higher emotions, nest & time & order biology better than any pill.

Chemistry is a good wave-guide to order things, just like machine code-binary, and assembler language programming are necessary for micro level detail computer intervention. But when you need a processing language which will juggle vast databases like whole bodies, communities, and planets.... you use higher level language. Emotion is a higher level computer language (like DBase or Lotus), where each instruction... joy, awe... embraces whole nests of the actions of the detail codes... like the psychoactive hormones in the brain and the sonic phase alignment of the glands for optimization of metabolism. Emotional control is to chemistry what the musical phrase or theme is to the individual note. If you had to make a conscious decision about all the chemical synchrony that produces ecstasy, you would never experience it. That is why you leave the machine code in your computer all in the hands of the high (symbolic) level language called DataBase system. You steer the long waves, and the short waves will find their nest.

The harmonic module concept as a multi-sensory feedback/focusing/enveloping technology represents our highest attempt to HEAL unto WHOLENESS, at this highest leverage level: ecstatic emotion. We take the best elements of our resonance feedback technology, coupled with our most WHOLEly geometric/essential models of the GALAXY/EARTH/GENE dodeca nest, to entirely embrace and envelope ourselves into group-mind welding experience of ONENESS.

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The TECHNO-LOGY of the Module...

Spiritual leadership has known through history that great group inspiration requires great attraction to ONE focus for ALL the senses. Our evolving design for the harmonic module must be a triumph of technologies adaptation to inform, embrace, heal, and weave into ONE. Our philosophy has learned that the calculus of forms which underlies alphabet, emotion, planet grid, and zodiac, are ONE. They each evolve to a transformational point in the form of the DODECA-ICOSA platonic. We shall utilize the visual and sonic and magnetic form of this nest in which all is made one, exactly in the sense of the MERKABBAH, in the technology of our MODULE design.

Ideally the meeting place for our healing event/module is spherical or structured along geodesic lines, or at least the natural lines of an embracing geodesic are symbolically laid

upon the outer forms of the meeting space (whether Planetarium, Cathedral, or Stadium). The arrangement of the audio speakers and laser beams and the people themselves especially near the central model/focus is to be decagonally geometric. The ritual of centering for the opening is to be a tai-chi of movement which further envelopes the harmony of the lines of form in the those present (bodies of form), toward ONE presence of mind.



The visually tempting central model is to consist of a set of visual screens arranged as a dodecahedron. Projected on these screens from simultaneous multiple views are three concentric transparent spheres, nested and turning on three axes. The spheres are to be detailed renderings of the zodiacal dodeca galaxy (Isis Unveiled), the planetary grid dodeca, and the inside genetic/I CHing/Mayan Calendric dodeca... respectively. The respective alignment of the three grids are rotationally switched and phased, so that moments of alignment occur with visual drama. The lighting focal diameter moves the collective vision and attention, from the inner genetic dodeca sphere (on a DNA helix axis), out to the planetary grid dodeca sphere, and then visually out to the galactic context (12 cone) dodeca sphere. It will become visually and emotionally apparent that phase alignment of the membranes produces the possibility of a (laser) lightning linking all of them into ONE information bubble. The sequence of points lit by alignment will teach how the planet body is woven to completeness by its dance in galactic geomancy; even as the genetic body is lit and switched by its moire lit grid position within the planet body.

The origin of language from the simple geometric perspectives of the strip off the donut, is easy to convey as the 3D image ratchets around the 3D screens.

Ultimately the gene/planet/galaxy spheres will come to light specifically timed by the lissajous of lasers whose mirror angle is feedback from the coherence of heart-sound transducers placed on chosen meditators in the group. Essentially a laser pattern only stands still when there is a coherent phase relationship between the signal steering the x versus y axis. If one oscillator is a harmonic of the planets Schumann heartbeat, and the other axis oscillator is the locked heartbeats (also made audible) of those present, then the pattern of the lasers on the spheres will STAND. Our collective envelope will become a “widening gyre whose center CAN hold”. And as our center dodeca spinning a gene helix shows, lightning can’t spin a Grail-cup helix (DNA) unless it finds a center of gravity: THE HEART OF THE MATTER.

The activity of the group mind process/dynamic will consist of a carefully timed sequence of experiments designed to emotionally light the groups attention and compassion on wider and wider horizons. The feeling for proteins making a slinky called DNA will be spun and timed with DNA music and the story of lightning in the primal soup. The feeling for a planet being born of a gravitational flow-form feeling body, will be played with her points being lit to sounds and stories from the tectonic and biological birth of Gaia as a body now known to be quite capable of intention. Ultimately in ecstatic communion, the group will see-hear-feel the seeding Cryst-all role biology is to play in her Galactic dodeca egg context. The compression of galactic sounds to the audible spectrum will accompany the group sonic, emotional, and laser lit, embrace of our much larger body of ONENESS.

Technologically, the discrete components of the module experience are quite graspable and logistic. Their assembly seems to lie well within the capabilities of those talented scientists who have expressed interest. With the right support, the prototype construction will be complete soon enough to prove the principle of TEACHING COHERENCE, to attract support for the more ambitious stadium version.

IMPLICATIONS AND OBJECTIVES OF

The Harmonic Module & Planet HeartWorks project..

Entertainment and Education - The Entertainment Industries primary effect has been to entrain the psychic and sensory fields of humanity in ways that, at best, have informed and entertained, and at worst, disrupted our capacity to expand into a more cohesive context with which to perceive our world. The myriad ways in which we have educated and entertained ourselves share one thing in common; they will be obsolete by the time we enter the 21st Century. How we learn and what delights us will be derived from our more primary source. "Edu-care" .. induced caring, is an essentially ecstatic process. Global Media - If the "medium is the message" and the "medium" is the media and the "message" is the awakening of the global mind and heart, then our global media networks, with their awesome capacity to connect, have the potential to facilitate our collective re-cognition of earth and biosphere as One. In essence, our Global Media could be used to circulate an impulse to intelligently re-awaken humanity to its innate genius and potential as a totally creative organism.

New Paradigm - It was Buckminster Fuller who said in 1978; "that if a design revolution were not completed within ten years it would be curtains for humanity—and the planet." We propose that the "new science," as envisioned in such luminous writings as Fuller's, Synergetics; Jose Arguelles, Earth Ascending; Walter Russell's, The Universal One; James Lovelock's, Gaia Hypothesis; and Rupert Sheldrake's, A New Science of Life, has emerged as the manifestation of a new paradigm.

Arguelles writes, "As paradigms go, so do ways of life and whole civilizations. If the Newtonian model helped contribute to a fantastic global civilization of materialism and war, the new paradigm will contribute to an interplanetary civilization of harmony and a multidimensional metaphysical potential undreamed of in the old."

Art-Science - Planet HeartWorks main goal is to steward an integration of Art and Science, both ancient and modern, by initiating a new multi-media, ritual-based interactive social art form through blending the finest laser and holographic technologies (Science) with inspirational performances by leading-edge musicians, dancers and ceremonialists (Art). The synthesis of Art and Science embraces the mathematical and aesthetic nature of music, geometry, biology and light. Planet HeartWorks intends to host the discovery and recovery of the interdisciplinary function of Art-Science as the global mind and culture advance into the 21st Century.

Synesthesia and Group Resonance - The Harmonic Module will be a tool for producing synesthesia - an experience of multi-sensory fusion in which one sense evokes another. "Sound and color normally register in different areas of the brain. In synesthesia the limbic brain orchestrates the neocortex's auditory and visual centers to resonate like musical instruments playing in harmony. This resonance does not occur when we process information in an exclusively intellectual way."

Deschenes, Brain/Mind Bulletin.

As the visuals on the module spin and pulsate at specific ratio frequencies designed to stimulate synesthesia, an environment of resonance and coherence takes the group experience to a new level. As a state of resonance occurs, the audience becomes part of a unique participatory dynamic which entrains a synergistic field where a resonant group mind emerges.

RE: HARMONIC MODULE LOGISTICS

preliminary outline for administrators

FOR EXPLORATORIUM Or PLANETARIUM LIKE SETTINGS,

Developing the Harmonic Module experience for a science center like setting seems appropriate. Those who frequent such experiences often do so out of a primal kind of need to feel nature directly. The equipment that generates "feeling", in people IS in fact the relaxed orderliness (phase coherence?) of the resonating nervous system. New data like that published in "Language of the Heart", illustrates specifically that the receptive mode for the nervous system is in fact an antenna like relaxed dilation of the blood to the periphery



of the body. Feedback is the classic mode to teach relaxation (and the tuning of the antennae). As the resonance field of the core of the body, relaxes to envelop larger and larger information fields, it is natural that the palpable feelings of the extended neural network, which is a GROUP experience, be the next step in information absorption. (Exactly like the sonic coherence envelope of a flock of birds, or “school” of fish, or pod of dolphin).

The Harmonic Module experience would use very simple feedback technology involving speakers and lasers to amplify and make audible and visible tiny sounds and motions in the body which are the linkage to this extension of the perceptual field. Specifically, alignment or “phase locking” of the tiny sounds or “micromotion” of the bodies cavities, is documented as a mechanism of the benefits of intentional relaxation (Ben Bentov: “Stalking the Wild Pendulum”). The reason this works is because alignment or “phase coherence” increases exponentially the timing accuracy (and therefore the total speed) of the INFORMATION flow between the glands/feeling centers of the body. (exactly like crystaloscillator accuracy increases the baud rate or speed of information transfer in computers).

Extending this principle of COHERENCE (or phase or timing orderliness) to the electronic field/nervous resonance net BETWEEN people, is exactly the goal of the simple feedback of the HARMONIC MODULE experience. Exponentially increased information/feeling flow between groups of people, AND more enveloping/broader horizoned edutainment experiences will be the result. It is really rather natural that the peak experiences people seek by going to group events, will reach new heights precisely as their vibrating bubble becomes A GROUP EVENT.

Much of our study at Millard Fillmore Hospital in Buffalo: The Harmonics of the Immune System, and other literature (“Language of the Heart”, and “Stalking the Wild Pendulum”) indicates the HEART sounds initiate these unfolding information flowers. This is consistent with what we now know about the very profound geometry of the shape and layering of the heart muscles, the shape of the donut like slip knot wave which ELECTRIFIES the heart, and the onset of COHERENCE in the heart sounds at the moment of love (cf: “Planet HeArtworks” book.)

Therefore what we have done is to amplify the heart sounds, making them audible with geometrically placed speakers, and visible by coupling them to mirrors making patterns of laser light. What this FEEDBACK does is increase the rate of the learning of ordering in not just the heart, but all the bodily cavities. This works for individuals, and .. as relaxation to bond with subtle external as well as internal cues is learned.. for groups as well. We have used three different types of transducers or pick up devices. Straight EKG type electrodes give us excellent frequency resolution, inexpensive stethoscope mikes for quick and easy access to a few (who can entrain many) A capacitive charge amplifier ring couples body micromotion for groups. Bentov in “Stalking..” used this technique.

For our initial setup in a planetarium or exploratorium like setting, I suggest we could alternate volunteers in a central ring with the stethoscope mikes attached to a mixer feeding them to the audio amps, and the laser amps. This would produce a lissajous like pattern of the lasers which would stand still instead of rolling, when phase locking occurred between any two chosen inputs. Ideally this experience should follow some planetarium/laser experience.

Initially participants would learn to couple their inner sound and micromotion to simple external oscillators. As in our little pilot video, this is a process which begins by simple quiet humming or singing. One laser axis is coupled to the vibration pattern to be learned, one to the heart/body mike. The learning process would be audible and visible. Later the learning process is extended to the sounds of other people, to dolphin/whale sounds, to the sounds of joy, to the earth/Schumann heart sound. We use the Roland sonic sampling synthesizer for this process, because it can recreate the true sonic envelope of any sound event, even those much longer OR shorter than our bodies, and bring that wave shape

coherently into our audible spectra. (We can entrain dolphin ultrasonics/ whale subsonics by replaying the sound samples of these events, changing spectral range but not spectral RATIO or content).

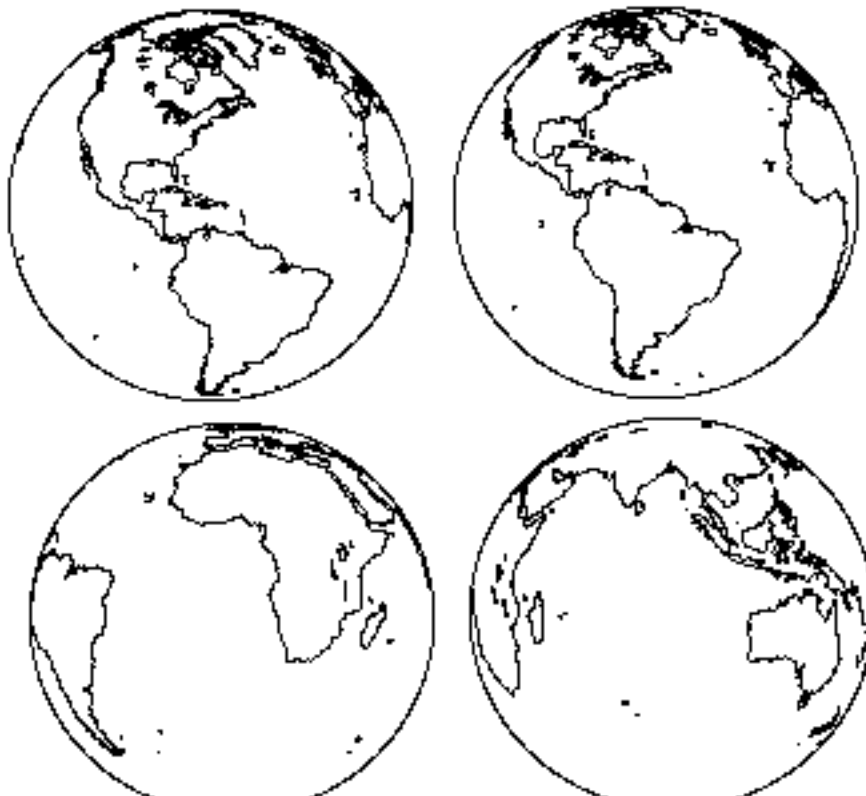
Later as great quietness and inner tuning is learned, we can increase the learning process to larger groups using the capacitive charge amp ring(s). These are ultra sensitive, and require great stillness, so that noise doesn't obscure signal.

On a more sophisticated information/ absorption note, there are several powerful immediate implications for this process. Our work on the geometric origins of language, teach us that alphabets in general ARE THE PHASE ANGLE of ONE primal slip knot "flame letter" vortex shape. By coming into phase, domains make matter out of light. This is creative process, replicated in the enhanced feedback environment. Thus the phase relationship between two signals (two resonating people/groups) could literally steer the planar projection of this ONE shape and write every letter of the alphabet.. the sequence of which would be the ritual of initiation/ path from labyrinth/rite of passage.

Further, our phase relationship informationally between planetary, solar, and galactic events (THE MAYAN/solar trigram/calendric/synchronization beam), could be personally learned and "consumed", as the envelope shape of these patterns is compressed in the sampler, to wave lengths learnable in the human body, through this enhancement of natural feedback.

Obviously this is a program which will require some time in development, however, incredibly we seem to have been blessed with virtually every single hardware component required, already in our possession. We have the research foundation underneath us, and the pilot work largely done, we need the first group settings to take the dramatic next step. This project is clearly a powerful tool toward Earth's survival need to learn to speak as ONE.

many faces, phase locked:
one body.

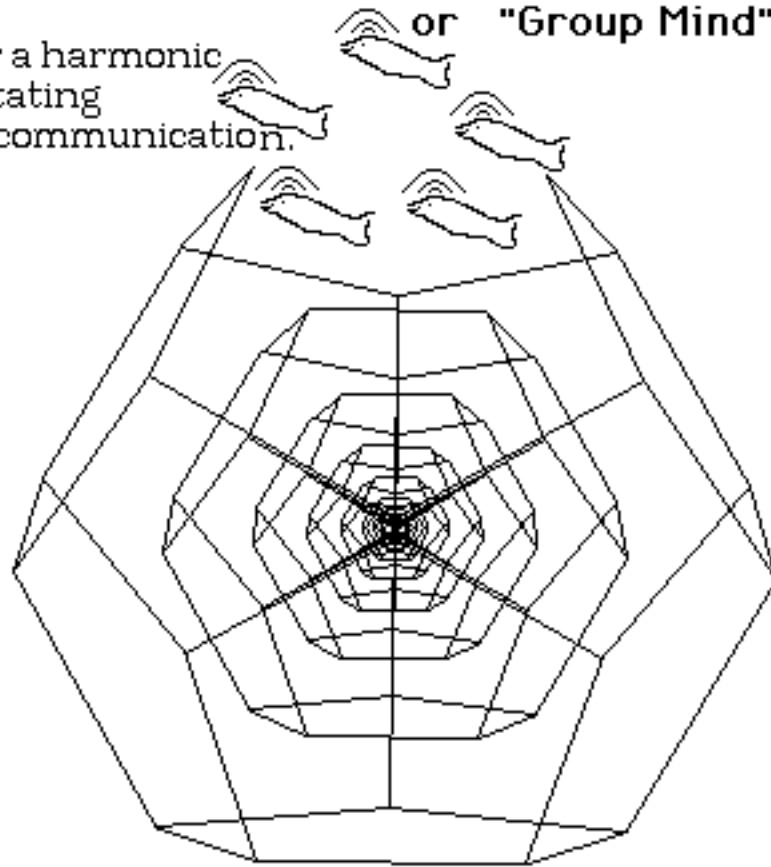




The DolphinGrid,

A sonic resonance model for : "The POD" ,
or "Group Mind",

A context for a harmonic
module facilitating
interspecies communication.



suggesting an "information nest",
or "coherence envelope"
understanding of the biological networking
in Earth's motherly oceans.

Dedicated to Michelle, who told me the story
of the whispering approach of the dolphin pod
to her becalmed sailboat.

Did you know that it is very common in hi-tech non-destructive testing to use a sonic hologram to modulate (or transfer information to) a light hologram? We should consider the pressure nests we call sound and light as very fearless about touching each other.

The essence of what allows the long waves of sound to touch the shorter waves of light in these phase entrained holograms is a grid or map on which their nodes can “hang each others hats”. Nesting instincts did not originate with lovers in the animal kingdom. Bonding based on heart-beats locked in loving embrace is fractally propagated from hydrogen to super-nova.

There are so many stories of dolphins saving humans, teaching communion in underwater birthing, and they are said to be wave sentinels at the spiritual watery gates of the planet. We need a coherent model to help us understand how they manage so many services for earth.

Our group, Planet HeArtworks, has for some time been studying the usefulness of using sonic feedback to assist in developing group mind experiences. We propose to use simple video and audio cues tied to live variables to gently move groups along a learning curve; first to entrain breath, then the planets Schumann electromagnetic heart beat (optically using a pulsing grid superposed on images of Gaia, & electrostatically using the classic ELF capacitance plates), and finally entrain the group heartbeats using sonic transducers and a coherent sonic feedback grid.

We have already found that the heart automatically tracks external synthesized heartsounds when their precise envelope is captured and synthesized integrally up and down the scale of a sampling synthesizer, like playing your own heart symphonically. Much of this work is based on Ben Bentov’s “Stalking the Wild Pendulum” wherein the phase entrainment of other bodily cavities (the brain-ventricles) significantly followed THE HEART, during intentional relaxation.

This onset of significant phase synchronization, is also documented in EEG coherence studies on meditation. Obviously the body is up to something very interesting by getting its waves all nested together, up and down the scales.

So here we are trying to grok the why of all this, when we keep bumping into all these amazing stories of whales and dolphins. In the Star Trek series, we ought to know how it was the galactic centers KNEW a planet was dying when the whale SOUNDS stopped. There has to be some great and fabulous clue here.

So let us line up the clues, one by one and see if they begin to lock into a picture:

Clue#1... The columnating or ordering which coherent sound (or phonon waves) does in cryogenic crystals is the postulated mechanism of superconductivity.

Clue #2... Atomic and molecular wave nests or packets are modeled as donuts or toroidal, and when columns of donuts or toroids travel as kind of rolling cylinders (arranged by the long waves of sound) they can transfer their momentum from their long wave outer rim to the perpendicular line-up of spark gaps at their core. In hydrodynamics this is called translation of vorticity. It simply means that what was once traveling as a circular ring is FOLDED AROUND IN AN ORDERLY WAY, to an arrow moving perpendicularly at the core... a kind of circle to line, matter to energy, experience. This toroidal nest topology underlies vortex theories of matter in general..string theory.. Yellow Brick Road theory.. The Flame in the meeting tent of the Hebrew tradition.. and others. It also underlies the mythologies of phase transformation/shift described as EL (ohim) biblically. Such a leverage which exists between frequency/velocity/&phase in the long axis asymmetry of the helix speaks of piezoelectricity in quartz and major context/nesting potentials in DNA. But lets not get too far ahead of ourselves here, suffice it to say that when the children line up in columns they can sing, and dance, and generally move AS ONE, much better. SOUND FORMS COLUMNS IN LIQUIDS.

Clue #3...It is already well known that whale songs have syntax and context which give them coherence year to year. It is a kind of bubble casting which binds their memories around the merry go round of time. They weave new sound tapestries seasonally always

building on what is already there.

Clue #4...The navy figured out that the only way to link up with their submarine fleets in the depths was Extra Lo Frequency (sound-like) waves.

These can ring the planet!

Clue #5.. To catch the very distant electromagnetic waves from space what is required is a catchment antennae of nodes laid out spatially over wide areas. A grid, a Grail. A sonic piezoelectric saltwater grid could be just such an intergalactic communicator. When the whales or dolphins go fishing using a net, they are catching signals of interplanetary source.

Clue#6.. The planets gravitational circulatory system grid is modulated by the crystalline symmetries of her great surface flow-forms..(ocean currents, jet-streams, tectonics). The fresnel grating switching agent for the self-notself resonance admission through this her skin, would logically be the emotion/sonic tapestry sung by biology. This would make the holo-sonic whale/dolphin grids a critical link in the information path between interplanetary need signals and Earth/Gaia/cell response.

So now as we hear them sing, we can close our eyes and image a crystallizing picture of a group hologram or mind flowing forth from the joyful animals. They catch the drift of great voices from afar and Cymatically float to where the Earth ball needs switching at her gates.. the Matters of Vision.

Now these noble creatures are dancing near to teach us the frequency keys to the life saving bio-networks which seed our group mind



“Does the Heart Really Shape Our Lives?”...

The Shape Origins of Heart Sonics

The Background...

In Omni Magazine, Aug. 89 “Womb With a View” article describes playing heart sounds to fetal infants producing dramatic developmental improvement.

In “Stalking the aWild Pendulum” Bentov documents the dramatic benefits of intentional relaxation specifically arise when the heart sounds phase lock (or entrain) the the liquids in the brain. A kind of musical choreographer to the mechanics of ecstasy.

In “Fields of Form” by Lawrence Edwards (Floris Books), the shape a the heart muscle is shown to be seven spiral layers exactly tilted according to the symmetries of the tetrahedron. The author goes on to describe 7 discrete sonic components of the heart sound specifically created by that structure.

In “When Time Breaks Down... on the Origins of Cardiac Arrhythmia” by Arthur Winfree, the electrical origins of the heartbeat is elaborately traced to a toroidal donut shaped rotor which rolls in to fire the muscle. The origins of this 7 color donut electrical pressure wave which fires the heart and originates much of the harmonic order called health, is illustrated as a nest of donuts, ala Penrose twister theory, etc.

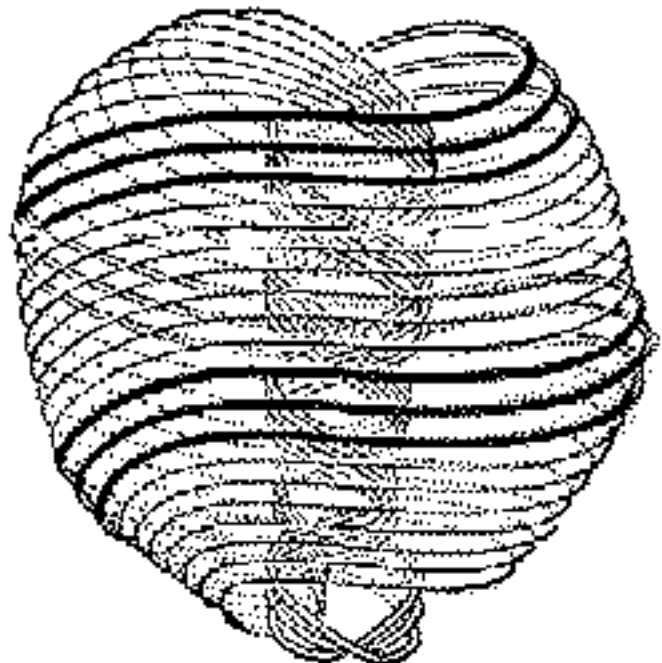
In our work here, the flat shadows of the trace which divides the surface of the archtypal 7 color donut, created the Hebrew (& implicitly Greek, Arabic & English) script letterforms verbatim, when that donut was tilted to just those symmetry views of the tetrahedron. Also our work on the spectrograms of the Hebrew alphabet strongly suggests that the shape of the letterforms is literally a spectral fingerprint of their sound content when correctly pronounced.

We also enclose pictures of our spectral fingerprinting of the heart, at the moment of love.. with its hint of Golden Mean ratio..

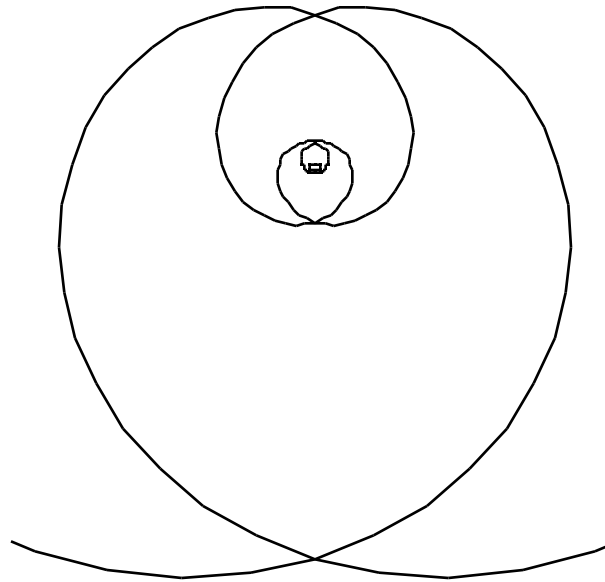
This pictorial summary is meant to suggest that the set of phase locked sound/symmetry relations which constitute the sacred alphabet, may literally be AN ALPHABET OF THE HEART, in that the structure & function of the heart electrically and mechanically literally expresses those sacred sounds into the body (thereby in effect programming cellular, glandular, and immunre functions). “As a man (or woman) thinks in his heart... so is he....”.

Wherever the universal golden spiral of light waves “meet to beat” becomes a torus donut of charge, or fundamental particle. (Fig. 1)

The shape of the ANU or fundamental particle from Theosophy’s Leadbeater and Besant, later confirmed by contemporary physicist Phillips in England in “Psi Perception of Quarks” (3 Anu per Quark). Also topologically described by Babbitt as “The Heart of the Sun”.

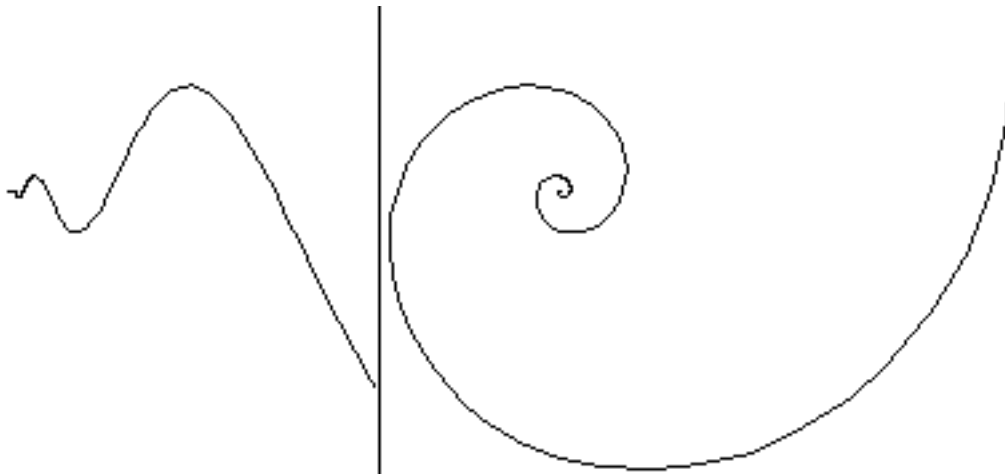


Our local focus is called a human heart, an image of the Grail cup...
 2Golden Mean Spirals, a fractal of the heart,



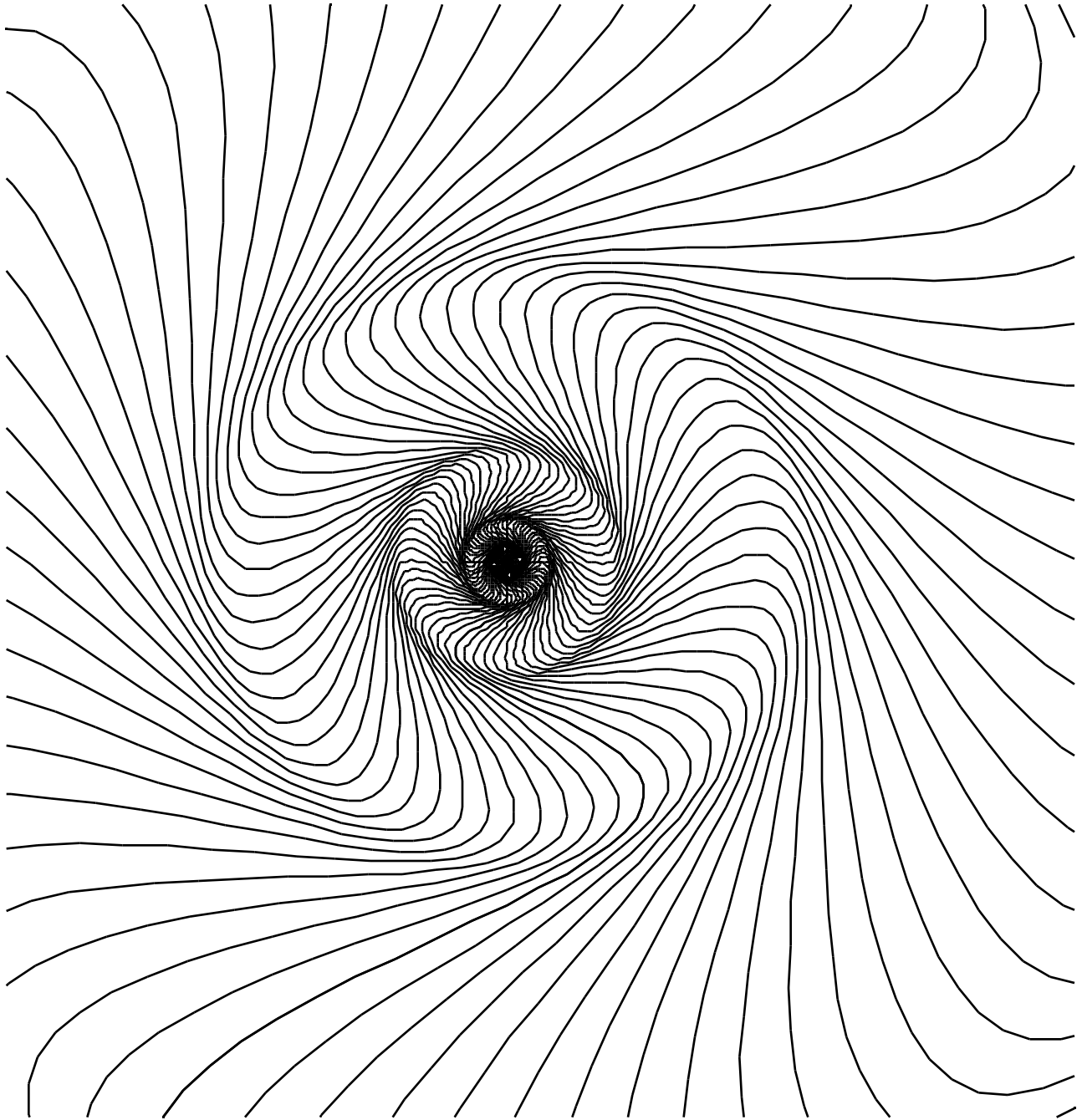
unfolding with wings.....

The golden mean spiral seen from above, traces nested pentagrams on a plane. (DNA from above, cf section: Braiding DNA.) However in 3D, that spiral recedes into the cone which connects the 12 faces of the infinite geometry of dodeca/icosahedra, fractals.. one inside the other. (Merkabbah). That 3D spiral seen from the side, is a perfect damped wave/caddeuceus..

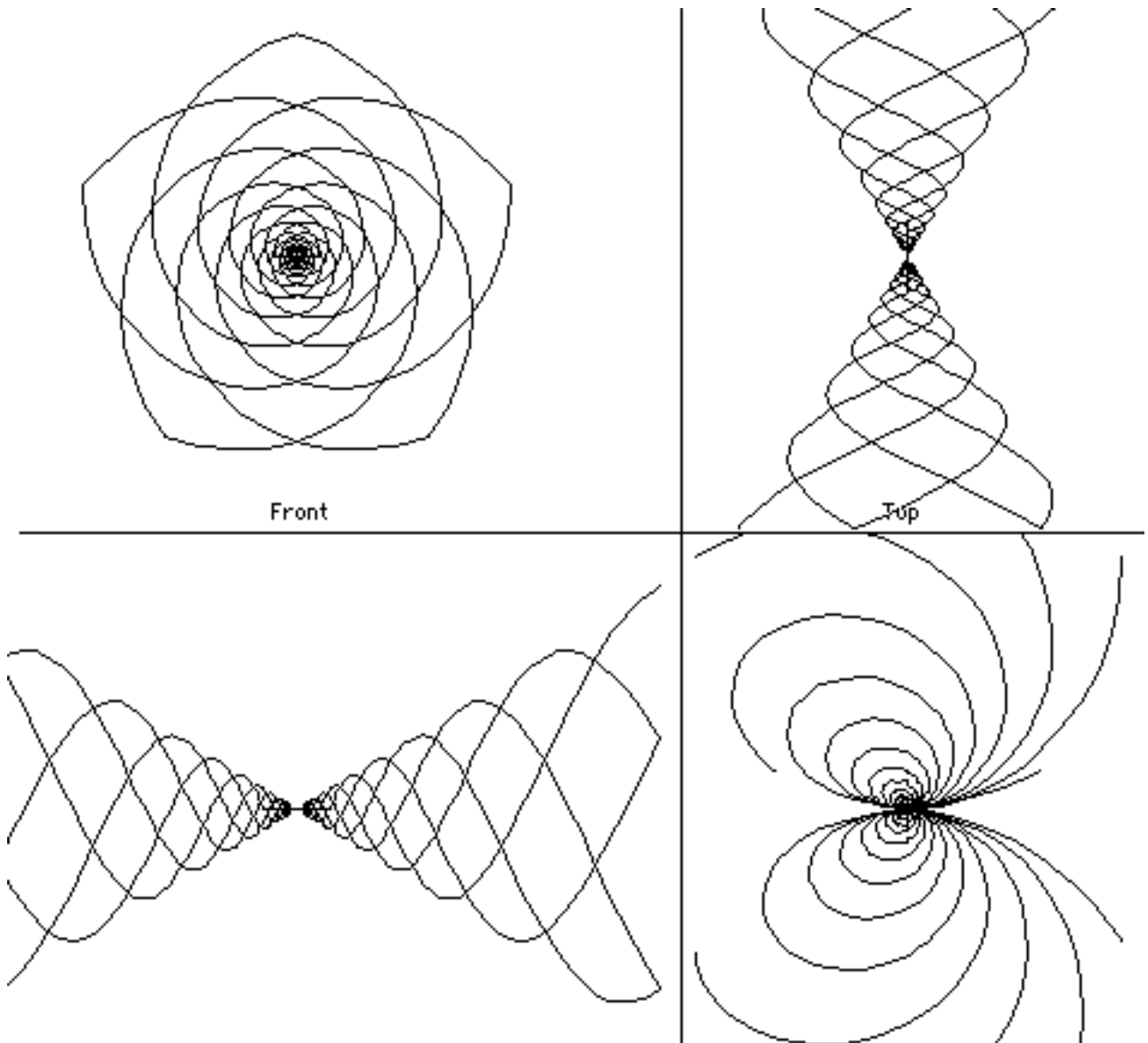


caddeuceus (side view) Golden Mean Spiral (top view of same 3D form)
 which when spun around, creates the recursive/fractal from all perspectives..

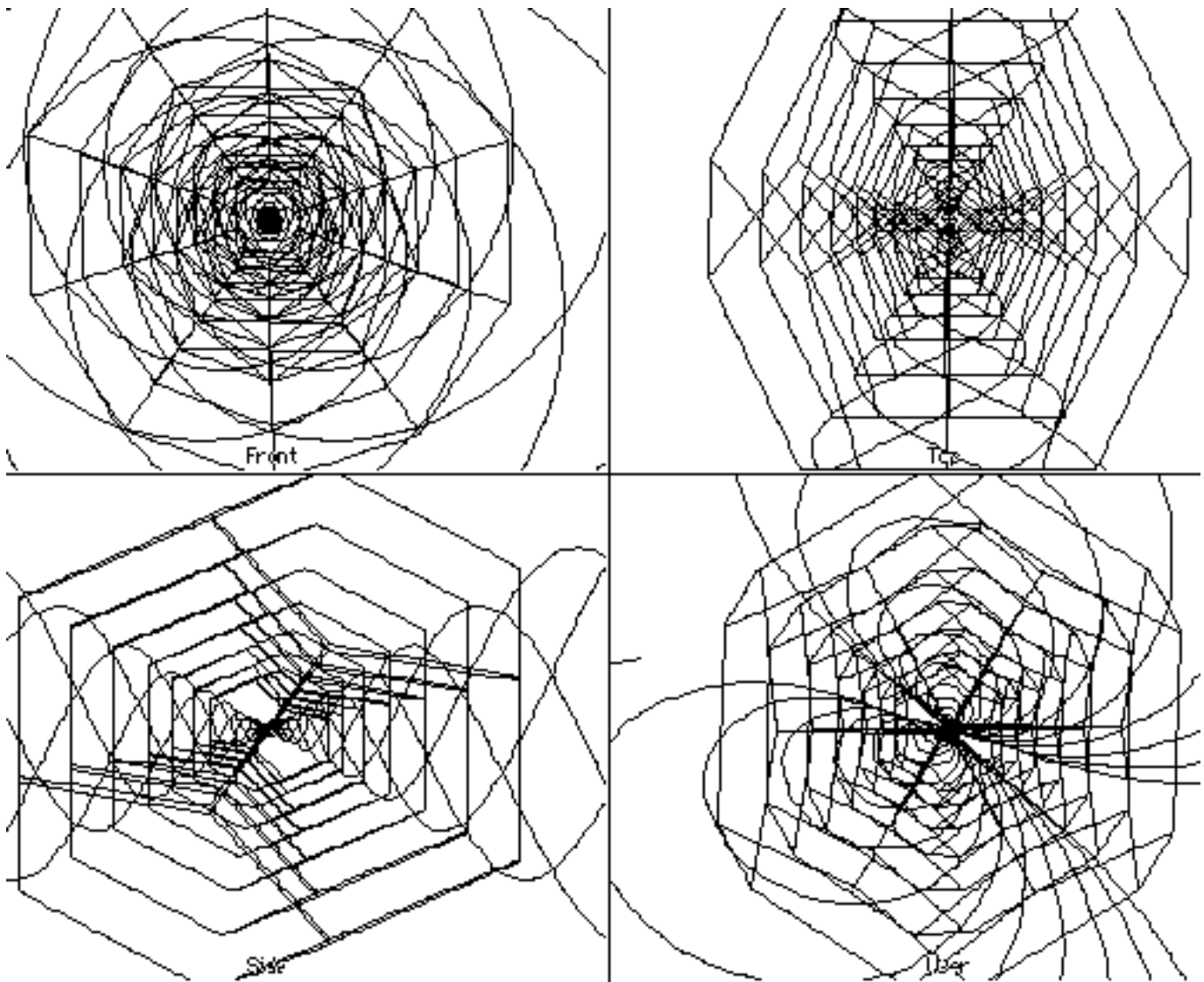
Grail cup.. (DNA as chalice), light receiving cup.....



This Caddeuceus serpentine form now from the top views nests the pentagrams in dodecahedra, nesting DNA, Earthgrid, and 12 faced zodiac as Merkabbah..



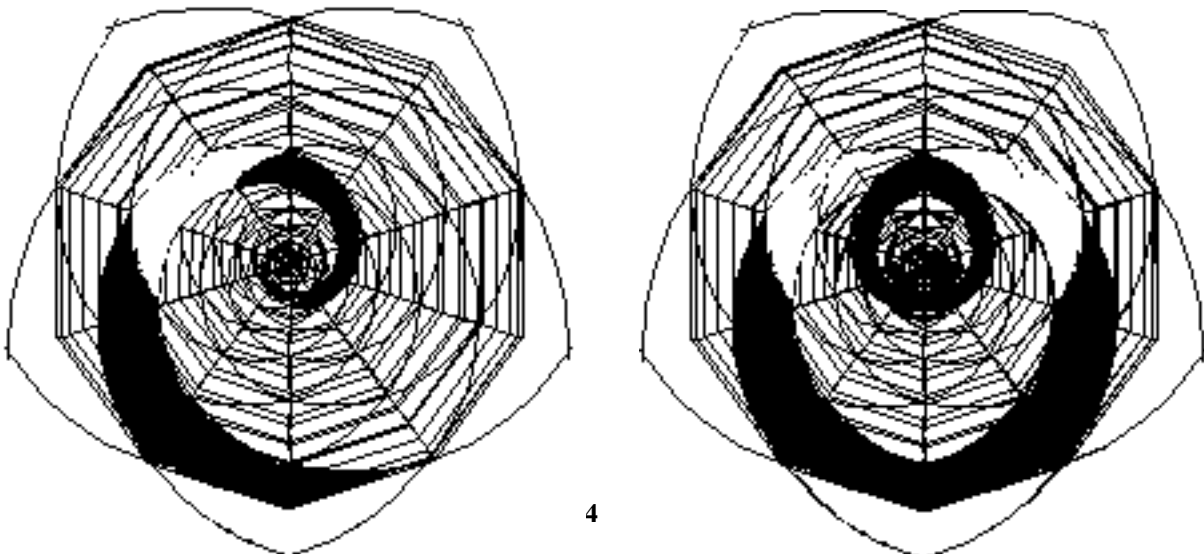
each set, above and below is 4 different perspective views of a SINGLE 3D FORM.

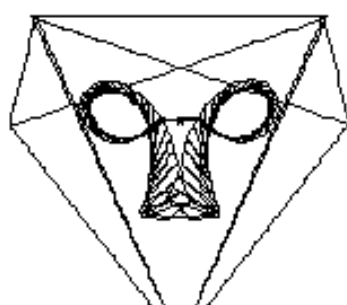
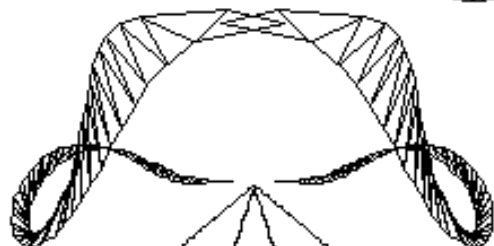
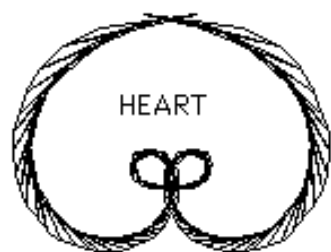


Here, we have just laid in the fractal dodecahedra, connected by these golden spirals..

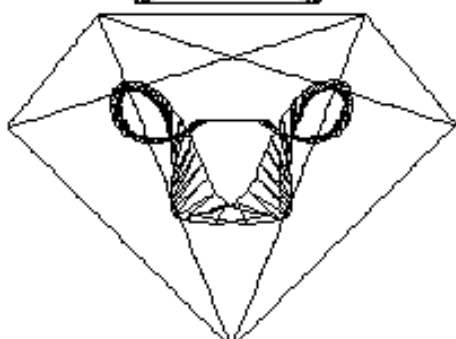
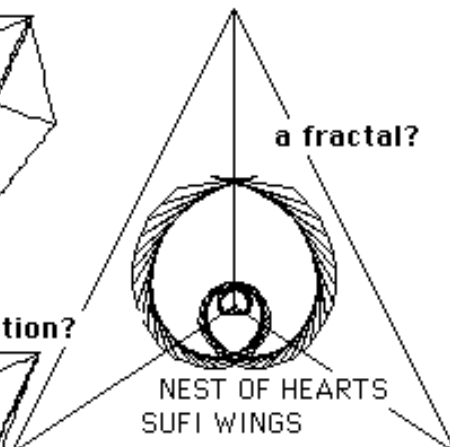
The spiral on the donut creates the RELATIONSHIP between dimensions which biology speaks to ... “the Heart of the Matter”

pairs of this golden spiral tracing a "flame letter, heart shaped..turn around the 7 color donut..

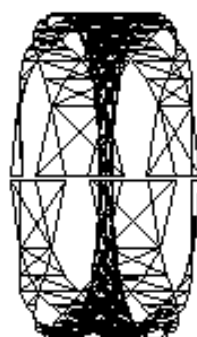
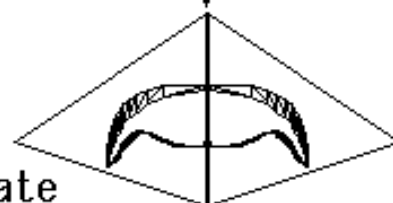
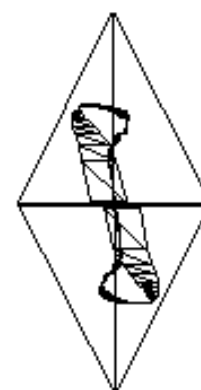




organs of reproduction?



Different perspective views
of a pair of flame letters.

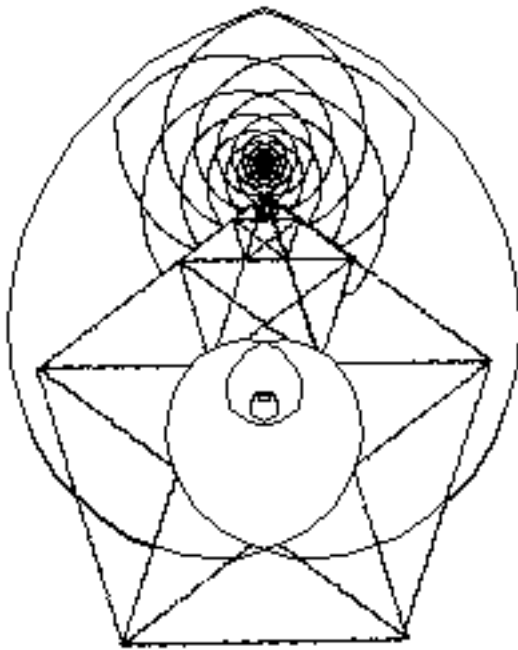


rotate
& replicate
5 x

apple, donut, egg



toroid
domain



**2 golden mean spirals
tracing around the donut,
make a fractal...
heart with wings**

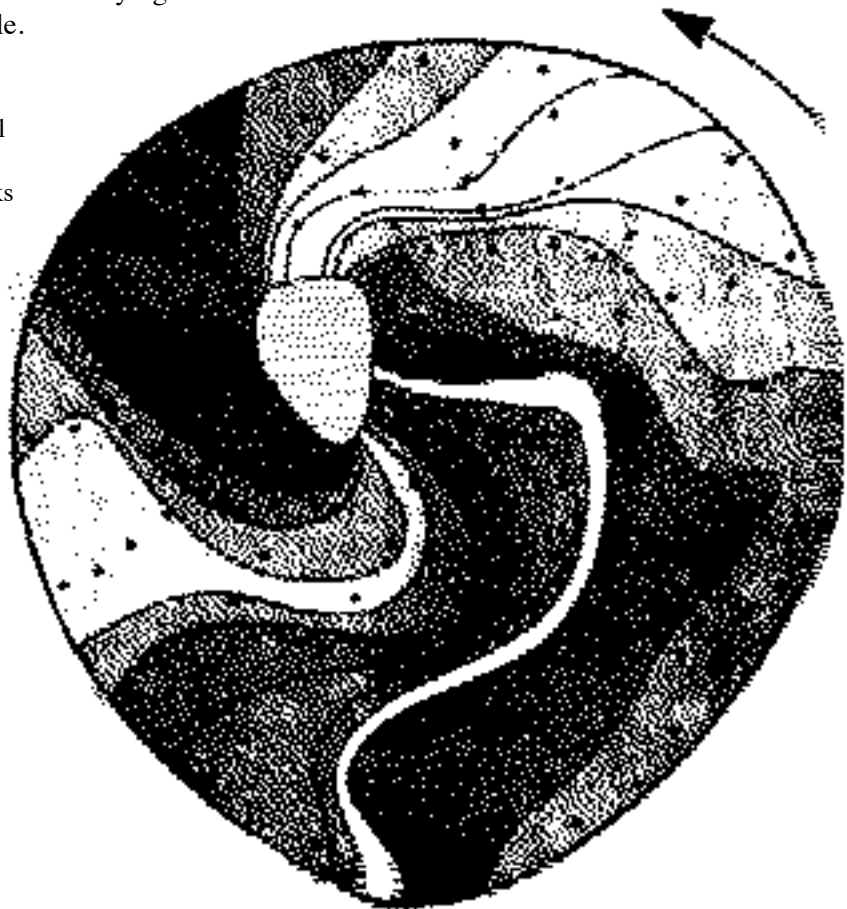


Finding that a toroidal rotor donut shaped rotor triggers the heartbeat is like finding biology's information path to Roger Penrose: "Twister Theory".. slipknots into donuts.

As this donut rotates and tilts on its seven spin axes, it "fires", creating and electrifying the seven layers of heart muscle.

(Fig. 3)

7 color or region donut or toroidal rotor which electrifies the heart, as depicted in "When Time Breaks Down.. Cardiac Arrhythmia" by Arthur Winfree..





The Heart Muscle's 7 layers are exactly tilted according to the 7 axes of the tetrahedron, ("Fields of Form").

The 7 color electrical donut which electrifies the heart has a tilt which programs the primary muscle. This casts a shadow flame at



a sonic wave on this letter the center of the heart.



HEART MUSCLE AS FLAME LETTER. AN ELECTROCHEMICAL RITUAL TURN?

The heart sounds are phased in Hebrew to feed mem(ory)-brain

The resultant sonic harmonic tensors, are the cardiac rhythmic which program thymus, immune, EEG, and related ladders of emotion.

7 helically arranged layers of heart muscle tilted exactly to catch the 7 symmetry spins of the tetrahedron (from "Field of Form")..

The heart in this sense, captures all the possible "rays" of light, and contains the whole spectrum. Every color has space in the heart.

Later work suggests to us that our primary colors themselves are nothing more than the tilt of the single photon donut..again defined by the tetra spins, see below..

This is to say simply, that there could never have been anything to be called "color", except the 3D (3pair primaries) symmetry of the photon. Describing color as a simple 2D wavelength, is as absurd as trying to truly visualize a flat 2D donut photon. Of course a donut photon will cast shadows max width to min in ratio 1 to 2, just like the ratio of the shortest color "wavelength" (blue) to the longest (red). (approx 440 to 880 angstroms).

Language of the Heart's Beat?

(Literally, heart sonics make the alphabet.. of the heart..)

The timing of all biological engines in the body, originates with the heartbeat. The most profound medical questions of maintained health, often can be resolved to cardiac arrhythmia.

The Bentov literature traced the almost miraculous health benefits of intentional relaxation/meditation, to the superconductive efficiency of the sonic phase entrainment of the brain onto the heart. (Micromotion & capacitive accelerometric studies).

Winfree's to me brilliant and profound study "When Time Breaks Down" on cardiac arrhythmia, concludes that the electrical origins of the heartbeat are a toroidal rotor. He even codes the phase angles of that rotor/donut using a color map, suggestive of the 7 color toroid map we have illustrated in our accompanying computer animations-for the pure geometric origin of color, and the sacred alphabet.

Clearly we are broaching one of the most profound mysteries of biology here. I cannot help but wish to intuit some sketch of what may emerge.

I would like to suggest what the heart may in fact be accomplishing by the studied skew of the phase angles (or simple wave relations) , from which it moves from electrical donut- to the sound of the beat. The single cell is a genius for massaging broad spectral resonance into specific UV, RF, and ELF high quality coherence with which to drive metabolism (accomplished in large part perhaps because of the cross harmonic coherence of the dodeca wave guide nature of genetic material). What we must bear in mind is that it is the low frequency ELF which is the raw material from which the higher frequency protein and gene resonances are built (the heartbeat phonon, and emotions long wave coherence are very low frequency with respect to the cell). Thus, in a bioenergetic sense, the heart beat and emotions long waves, are the play dough cookie cutters which determine what length tinker-toys the cell will have to play with to make biology's nest. Essentially, all bond lengths in the cell are harmonic tensors built from available resonances (there is no length in the cell, or anywhere, that is not a wave-length).

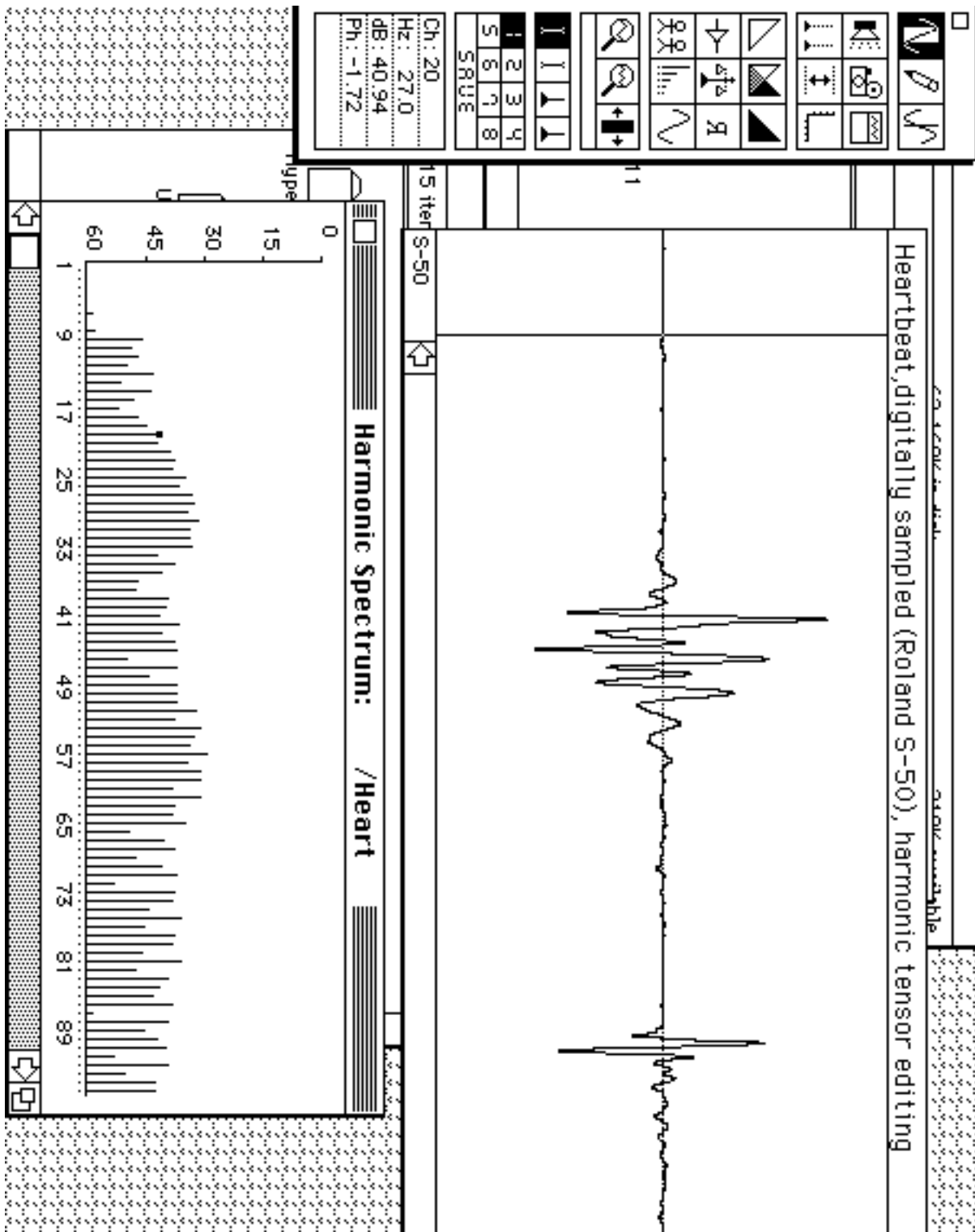
Thus a pure ringing heart (of gold?), continuously feeds the cells the necessary even tempered music necessary to weave biology. I suggest that we will increasingly discover the specificity and rigor of this seemingly romantic idea.

Above, we sample the harmonics of the heartbeat on the digital sampling synthesizer, we play the heartbeat symphonically up and down the scale, preserving ratio, transforming scale. We then spectrum analyze the beat to inspect the content of harmonics (another of Bucky Fuller's tensor equilibria?). Note the icons for the extensive available artistic editing tools for the SHAPE of the envelope.

We can get some intuition of how the ratio and PHASE of the heterodyning toroidal electrical waves converging at the node of the heart, is translated into sonics. The set of possible phase angles, are literally shadowgrams AGAIN OF THE HEBREW ALPHABET. (only the

symmetries of those tilts of the donut, produce a wave which can stand.. biology's ONLY form of memory.) The heart sonics could be a window to the phase alphabet by which harmonic tensors feed and program living biology.

Using the MAC we can then individually edit the harmonic tensors of the sonic components of the heartbeat, RESYNTHESIZE the wave envelope, and replay the sound up and down the spectrum on the synthesizer. Using the feedback of the created sonic loop, we



test and optimize for the wave which most quickly phase entrains the sympathetic listener. Before long we who thought we were scientists become children listening for a mothers heat of gold.

It is amazing how emotional the heart sounds are. A good example is the use of the heartbeat in “Dolphin Dreams” Jonathan Goldman’s (Sound Healers) soothing underwater birthing audiotape.

Another of the blessings of the sampler are the mixing of the heart sounds with spectrally translated envelopes from whale and dolphin sounds. Interspecies communication in the electrical terms of pure emotion.

In summary, the area of study of the heart’s harmonics leads us (predictably), to the heart of the matter. Later, sampling the Schumann ELF electrical heartbeat of planet Earth, we shall learn of the choreography of her tectonic nest, AND learn to phase lock with her. We are setting up a grid of sampling stations for Earth’s low frequency heartbeat, it should be an excellent camera for her emotional outbursts (earthquakes, etc.). Ultimately as we choreograph our global nervous system (media/events) to hers, we shall need and use this data and feedback, to measure our success in collectively incarnating into her body.

— —
The central structure of this rotating and tilting continues to be the golden spiral, also called the “flame letter” or divine spark. (Fig 4)

The firing of the seven spiral layers of the heart occurs at relative angles which are precisely the symmetry spins of the primary field of form, the tetrahedron. (Fig. 6)

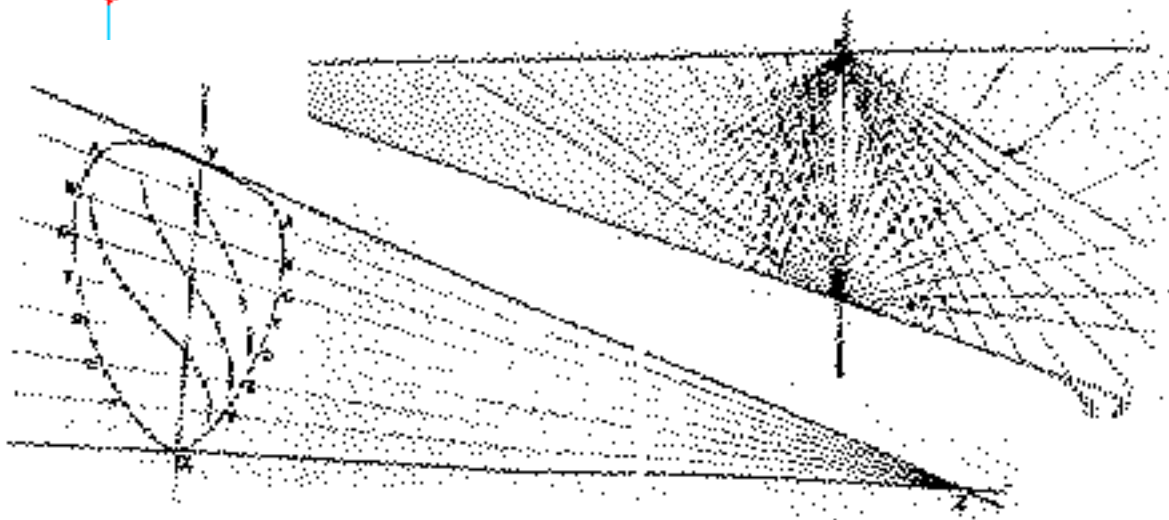
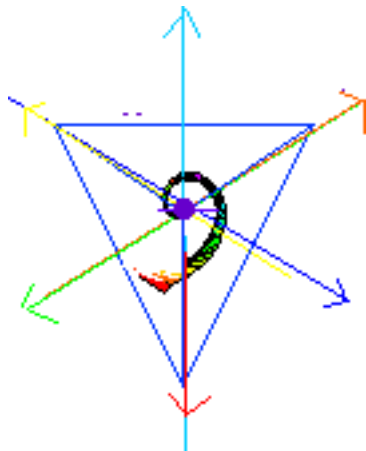
As this central shape is unwrapped off the primal donut, its rotating, tilting “spark” casts “shadows” which form the shapes (reflections) and sounds (echoes) of the Hebrew alphabet.

These “shadow-shaped” sonics are the actual letters of the Hebrew alphabet on the seven-color map.

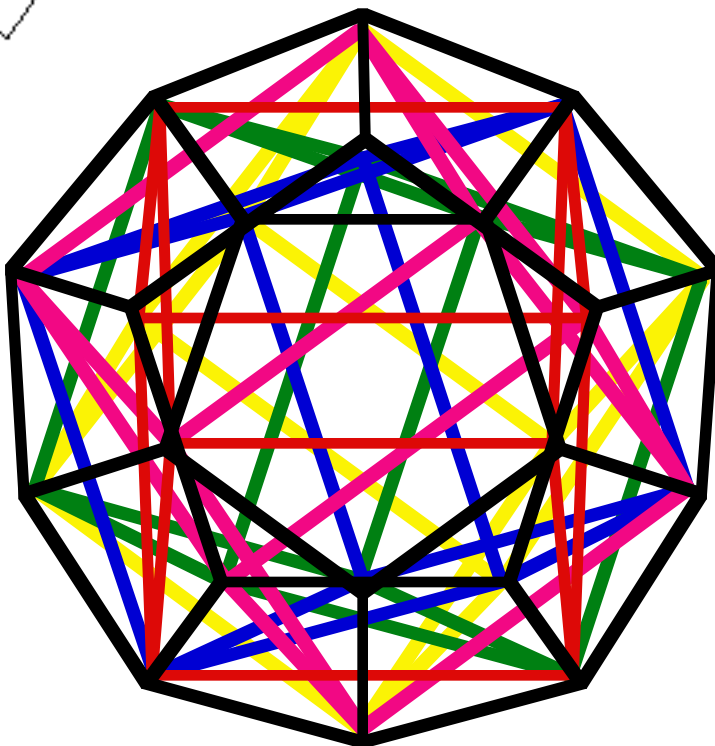
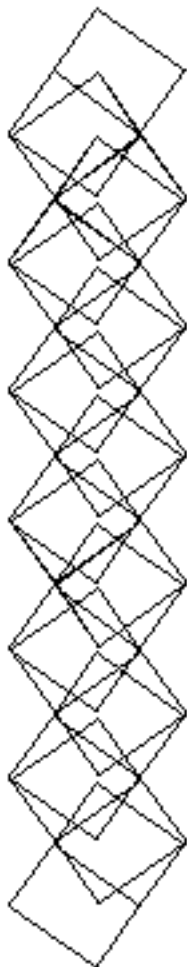
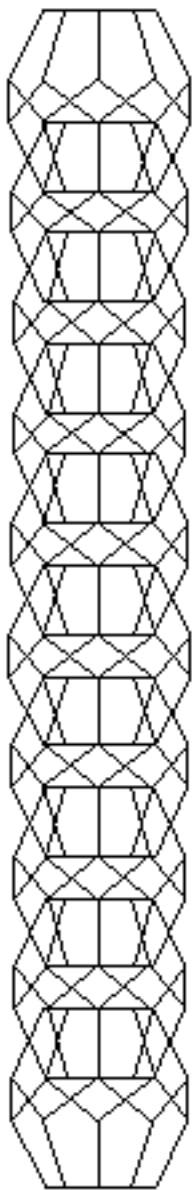
This syntax forms an alphabet of ratio that indexes the phase-ratio(n)s of coherence (or dissonance) being propelled as pressure waves into the pericardium, and thymus, and immune system. (Fig. 7)

Thus, this literal alphabet of letters and forms—(type) “faces”—are the sonic shapes that program and nourish Immune Identity.

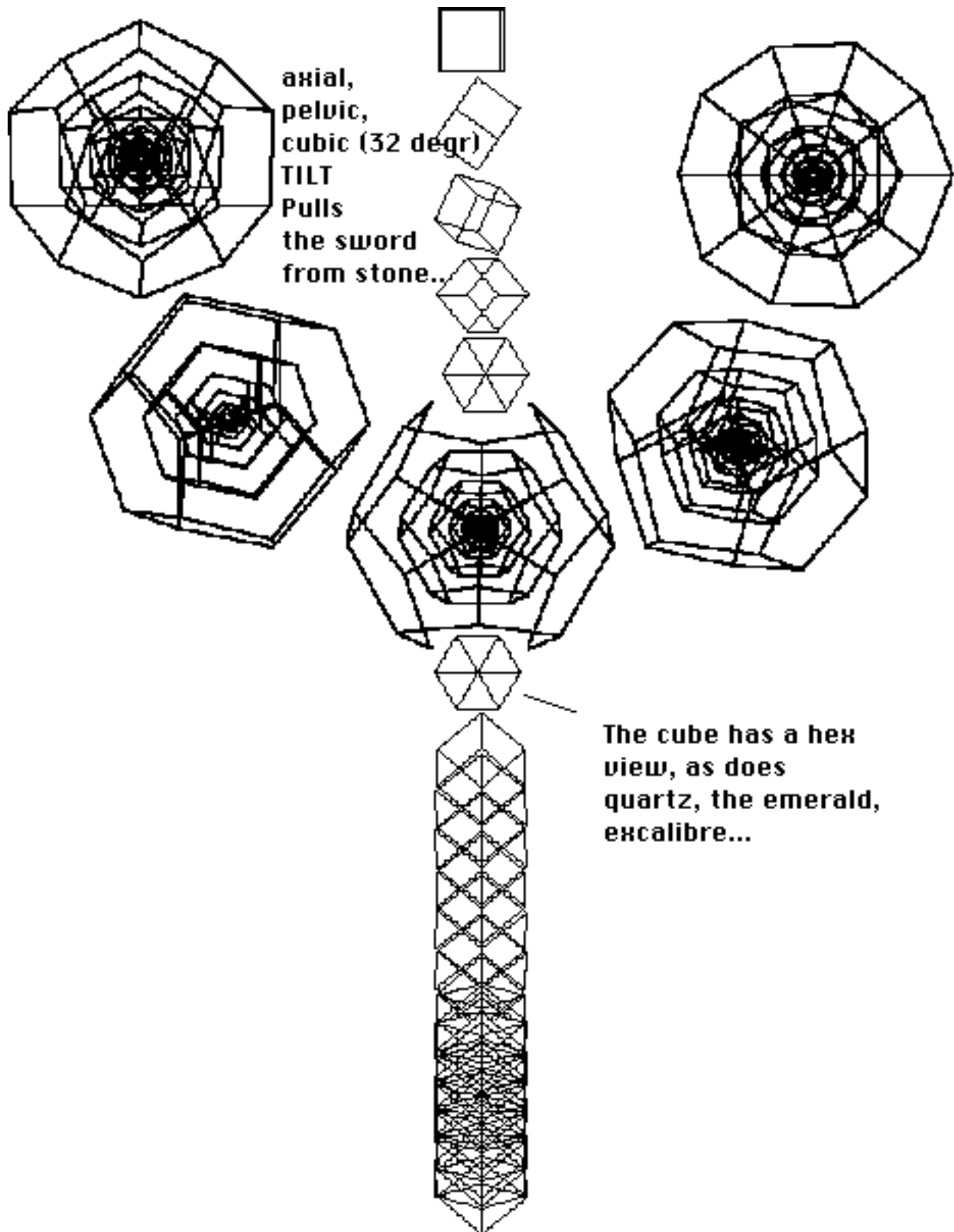
..(When these type faces—letter forms—are seen as arc-he-type-all, we begin to see our actual lineage, or syntax, as mythological or my-th(e)ological re-presentation).



Geometry links us,



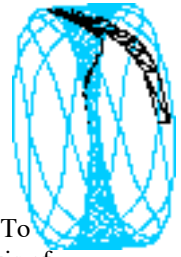
DNA a tilting dodecahedron, which itself is a tilting cube.. 3D, 4D, 5D, ... nD... a braid.
 Geometry pulls the word from the tone, and the sword from the tone, a slight tilt...



Light Cones From the Heart: The Geometry of the Emerald Modem.

by Dan Winter at Crystal Hill, inspired by Richard Leviton.

2/90



In "Alphabet of The Heart" we illustrated the mechanics of the origin of the heart beat. To summarize the heart muscle is seven layers. Each layer is tilted to one of the seven spin axis of the tetrahedron. The tetra is the most symmetrical form, and consumes the most perspectives. As the universe's most symmetric shape, it holds the most "dimensions" of memory, folded as spin in it's shape. Thus it becomes the index of spin for the heart muscle layers, and the tilt of the donut's strip "flame letter" origin of symbol. Even the name for heart in sonics called "cardiod" means catchment shape of all phases (faces). We learn this shape is the very essence of consuming perspectives, making One from many.

Sonic phase receptivity map of a "cardioid" microphone..

The mythology of the indigenous peoples called "seven arrows", refers to this maximized symmetry. The most fold back onto self. This IS the heart structure. The sonic technical term for the shape which consumes all phases (faces) is cardioid, it means heartshape.

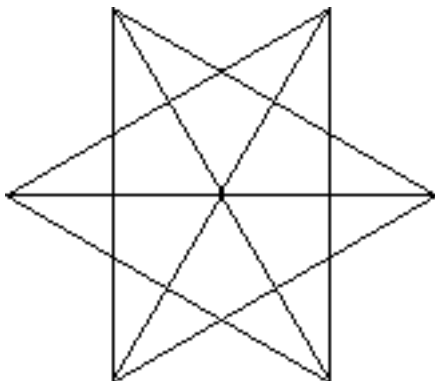
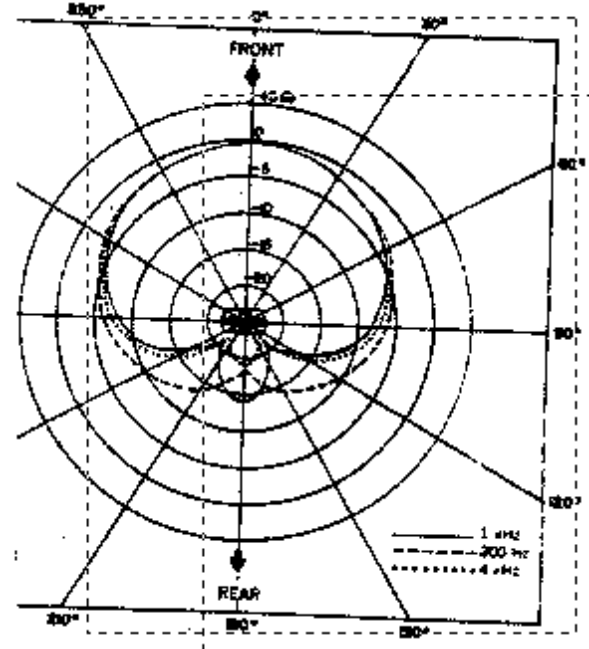


Thus, balancing the tilt of the light cone-toroid-domain-donuts, is the essential alphabet of biology. It is the alphabet of the heart.

In order to understand why the "emerald modem" is green, it is necessary to understand the origin of color. The

photon light donut does not change size to make color into one octave of wavelength. It is a single donut shape, whose relative tilt is antennae'd by the cone of the eye to perceive color. Three rotations exactly make a donut surface, x,y, and z spins. They are the primary color pairs. Percent tilt on three spins pairs, is percent of primary color mix.

A donut seen from the side is half the width as from the front: one octave. Hence 2D flat thinking conceives of light in one 2D flat octave 440 to 880 angstroms. In 3D this is the length vs width of the 3D photon donut. Physics and hydrodynamics have concluded that all fields are primally toroidal, how flatland and unOZ-like to consider color a difference of length instead of a difference of turn or tilt. Try making shadows with a donut. Is not the shortest shadow half the length of the longest shadow you can make? Is not the difference, tilt? Every ham radio operator knows that you use an antennae cone to measure tilt or phase angle. How else would

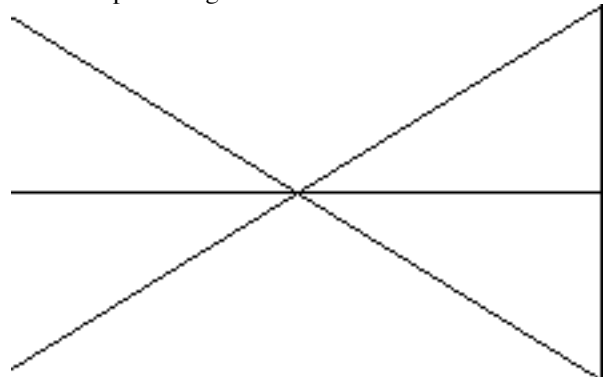


we describe the receptor cone of the eye.
(The I's have it.)

A donut is a pair of light cones: two tetra cones:

-hex-top view -side

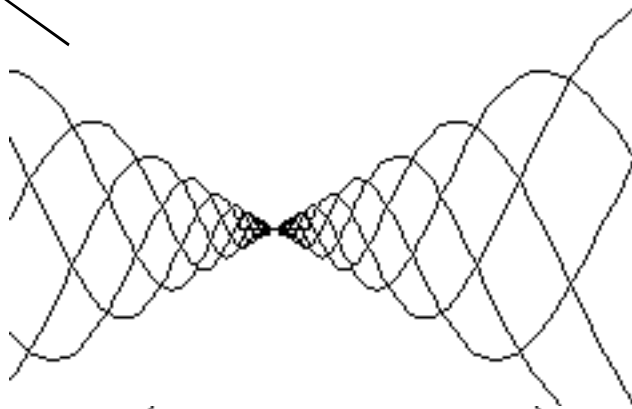
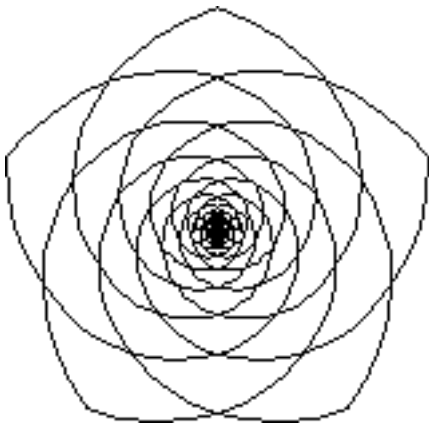
(Emerald hex cross)



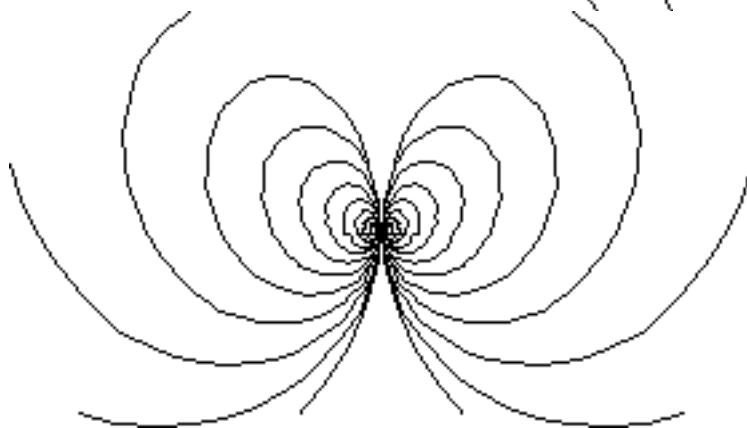
Views of the light cones as pentacle golden spirals:

-top,

-side'



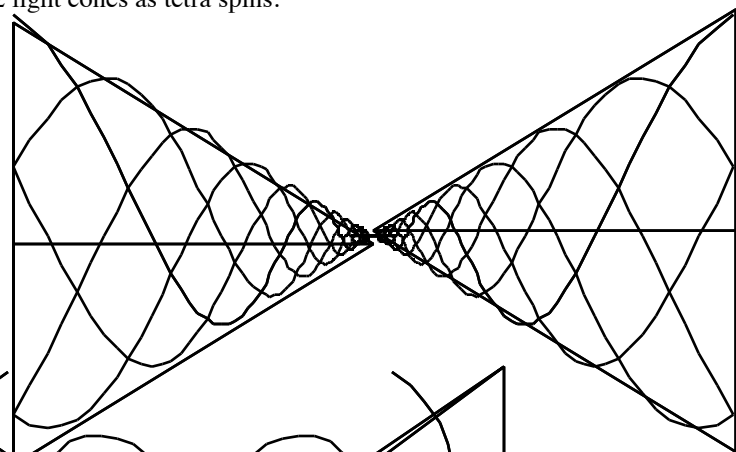
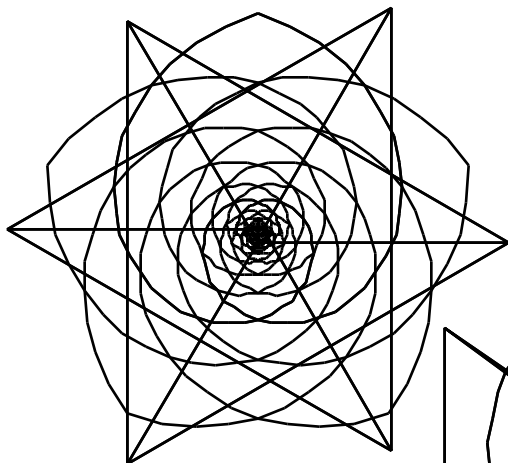
32degree tilt.



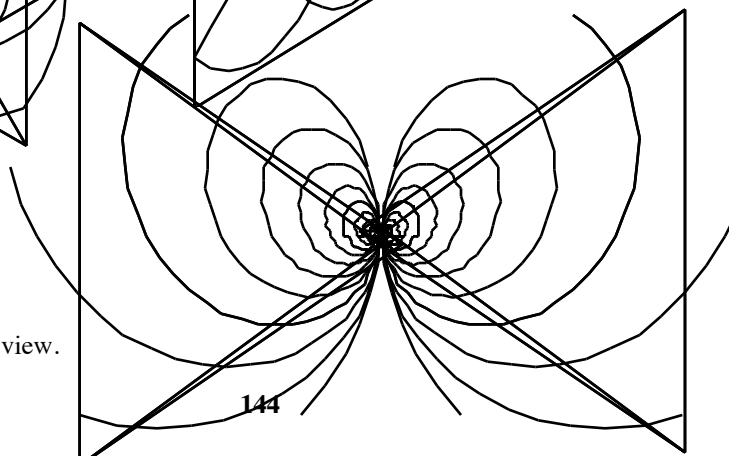
Views with tetrahedral cone
outline..superposed tetra light
cones:

Top/hex (emerald) view,

side view 2 light cones as tetra spins.

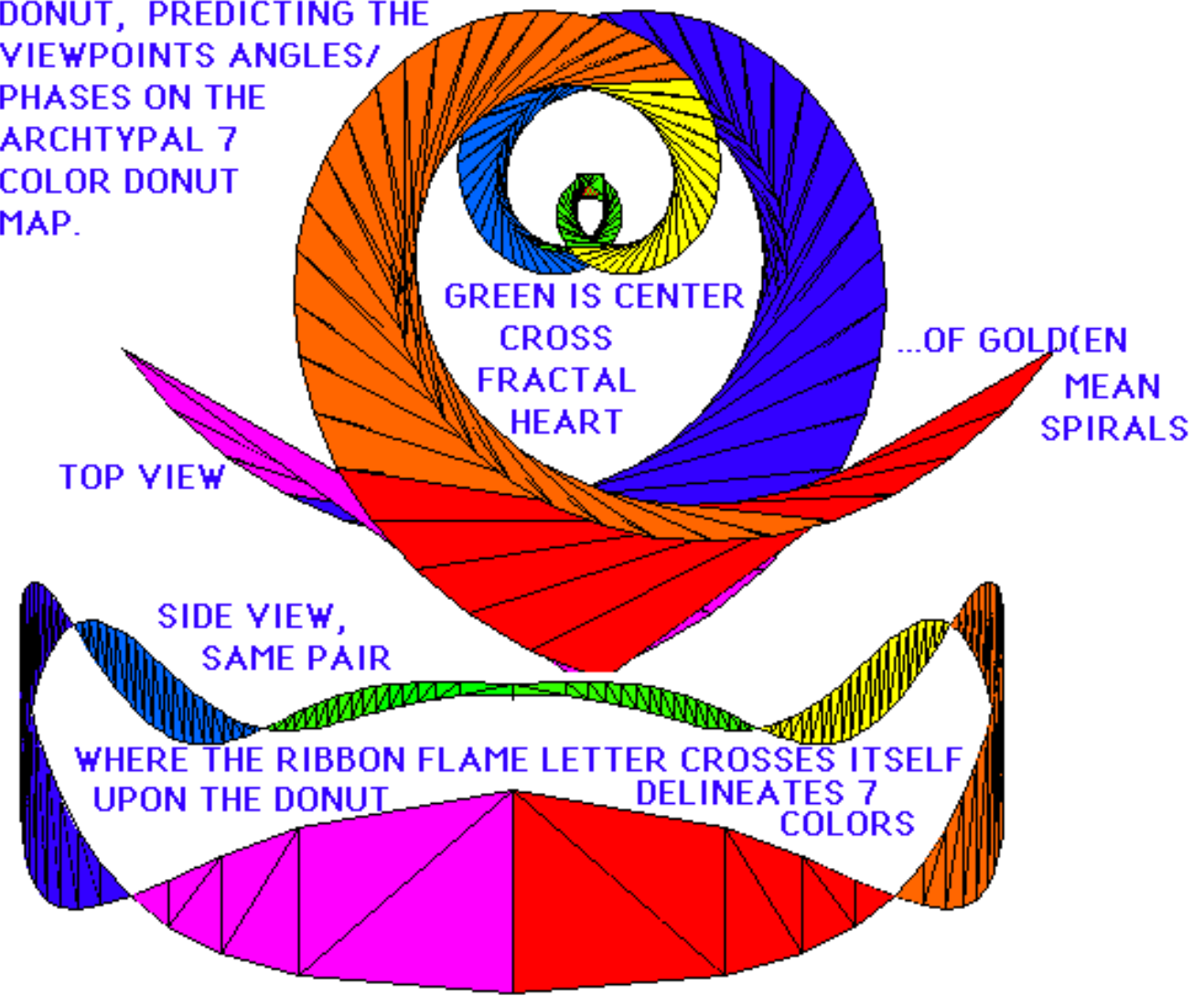


tilting view.

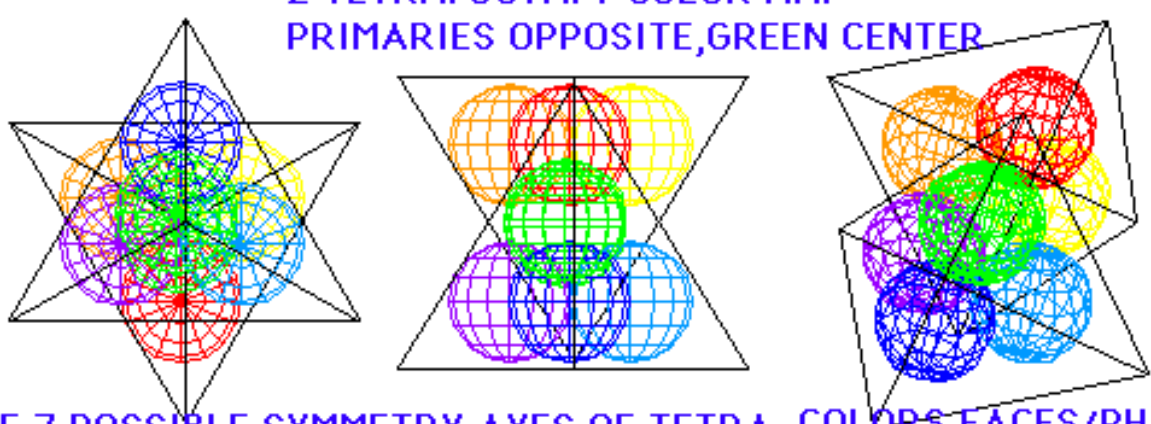




COLOR IS IDENTIFIED BY THE POSSIBLE PHASE ANGLES OF THE TOROIDAL PHOTON DONUT, THE TETRA 7/SPIN CODEFINES THE DONUT, PREDICTING THE VIEWPOINTS ANGLES/ PHASES ON THE ARCHTYPAL 7 COLOR DONUT MAP.



2 TETRA/OCTA/7 COLOR MAP
PRIMARIES OPPOSITE, GREEN CENTER



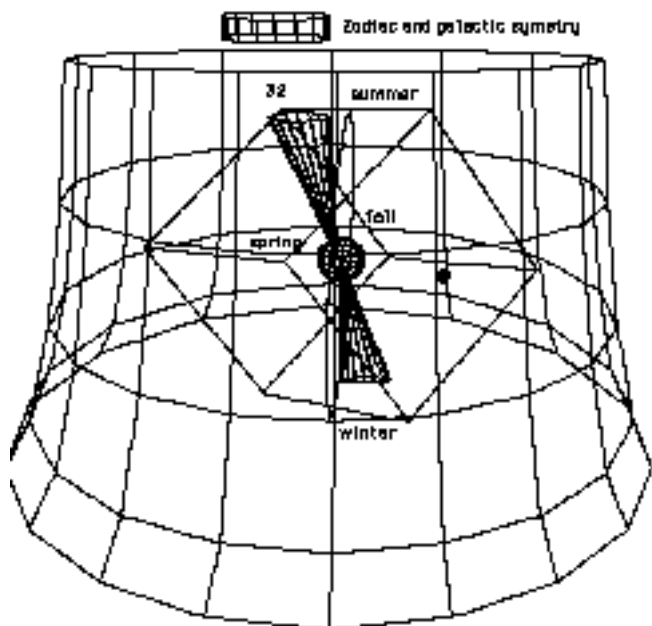
THE 7 POSSIBLE SYMMETRY AXES OF TETRA, COLORS FACES/PHASES.

— — —
In the lexicon (below) of the tilt of the donut as indexed by the spiral strip off its' surface, green is centered. This means that the heart able to balance the unpacking blue donut vortex outward, with the packing red donut inward, is able to be still on the cross between hard-making and wet-making power. This is the tightrope pendulum still point between moving attention to node from wave (matter from energy), and back. In the body this balanced heart riding flow neither up or down, can connect the red eros to the blue Marian tantra: a gift of Magdalen: a Green stone: An Emerald Tablet.

The Emerald crystal is hex like quartz is hex. Two tetra make a cube, which wratchet up a hex helix:

The image is clear (cf "Fields of Form"), the heart's muscle contraction layers are exactly the 7 tetra spins. The shape which fires the heart is a seven color donut, electrically (cf "When Time Breaks Down" by Winfree). This symmetry alphabet/ emerald or hex view modem (modulate/demodulate), is the common alphabet of the human condition, the alphabet of the heart.

Two tetra/two light cones are the shape of yod and vau in Yod He Vau He, Yalweh the name of God. Two tetra light cones make an octahedron in their center, the "Buddhabody". This is the diamond, most dense focus light takes. It is the eye of the needle, or the Eagle. The outer trace of the two tetra is a cube. The Tile view of the tetra cube is hexagonal. This spun hex is quartz, it is the emerald cross. As the common denominator of the morphic resonance alphabet cascading the donut of light into biology, it is the handshaking protocol to link immune selves to the ultimate computer net: The (Green) Emerald Modem.



DESERTIFICATION, Patriarchy and “Hard-Making Power”.

As the desert spreads, so does the alienation of the feminine. “Judge a culture by the way they treat their women..”

James DeMeo PhD. interviewed in Wildfire Magazine, carefully researched the significant connection between climates moving to dryness, and culture moving to (harsh?) patriarchy. The spreading of the Saharasian desert around the belly of the globe is directly connected to the

lack of gentleness of the cultures inhabiting its surface/membrane. (Dr DeMeo % Orgone Biophysical Lab, Box 1395, El Cerrito, CA 94530.) He suggests that the loss of trees/Earth-skin membrane/moisture correlates directly to the loss of gentle feminine archeological artefacts.

His statistical conclusions fit nicely with what we know intuitively about the great gentle motherly matriarchys of the globe which have been wet.. Minoan, Polynesian, etc. While the harsh DESERTified Arab/Iranian patriarchy’s (where gentleness toward woman or child in public is TABOO!) , have been dry/hard.

The purpose of this commentary is to draw a few interesting parallels to myth and physics, of this very illuminating concept.

F’abre D’Olivet (Hebraic Tongue Restored), translated ADAM or ADAMIC race to mean “Hard-Making Power”. This closely relates to our term ATOMIC. IEVE meant the word or form of the word, or symmetry, which holding the apple or fig leaf (donut strip) tempts “in principle” ADAM or hard making power, to segregate momentum/separateness/evil.

In our work on the geometric origins of matter & alphabet, we have noted a recurrent theme:

packing	vs	unpacking
folding	vs	unfolding
male	vs	female
yang	vs	ying
hardening	vs	softening
segregating	vs	connecting
seeding	vs	budding
centripetal	vs	centrifugal

In order to gain some perspective on a deep causal relationship between cultures entering patriarchy and the drying up of the land, it is necessary to reflect on some recent insights into the wave making activities of human emotion, and their relationship to the gravitational field and the gradient between water vapor vs precipitation. Even if the disciplines of Kundalini, Tantra, ecstatic process, ritual, and/or geomancy are unfamiliar to you, the connection between touching context and rainmaking should be simply understandable for you.

I remember taking our bronze cup shaped gong, filling it with water and ringing it to observe the results. At first, a few low frequency gongs would cause a wave pattern to be visible on the surface. But then by hitting the gong faster and faster, higher frequency interference would froth back and forth on the surface. Until rapid beating of the gong would cause the surface of the water to turn to steam and VAPORIZE exactly as if it were boiling. Anyone who has

process.

Low frequency sound (phonon waves) create crystalline order in liquid metals making them superconductive. The same liquid oscillated by higher and higher frequency pressure waves (sound), goes from crystal toward liquid toward vapor. IT IS IMPORTANT TO UNDERSTAND THAT THE GRADIENT FROM CRYSTAL TO LIQUID TO VAPOR IS ESSENTIALLY NOTHING MORE THAN A GRADIENT MOVING FROM ORDERLY LONG WAVES TO LESS ORDERLY SHORT WAVES.

In the language of the orgone economy, the living cell takes its food in as relatively long waves, and then massages their envelope to shorter waves called GENETIC material. The output of the cell, erotically, is it's highest frequency field which as "orgone", travels across membranes to make "love", or folds back into the cell to make genes. Cancer is the membrane that hardens and doesn't conduct these frequencies, measured by contact inhibition. Cellular promiscuity is no place for the cell's love to flow.

In the male, this high frequency cellular output is collected to form seeds, thus packing the high frequencies. The vernacular for this process is interestingly called "getting ones rocks off..".

E-motion is our name for motion across frequencies. (The spectrum analysis of EEEEE is of lo and hi tones, with the tongue pressing out the mid range tones). The alphabet of emotion (cf Sentic), is thus the instruction set of momentum across frequencies impressed upon the cell membrane, by the pressure waves of touch.

The cycle of eros/love in the body however does not stop with the output of the cells highest frequencies. Genetic material as output in the love making process, has much of it's memory stored in the ultraviolet spectra of light. Yet we notice the process of ecstasy as documented in the TM literature (& by Bentov:"Stalking the Wild Pendulum"), is measured by the onset of super low frequency sonic and sub sonic sound waves (called ELF, extra lo frequency.) SIGNIFICANTLY, VISIBLE LIGHT IS 7 OCTAVES ABOVE SOUND. The 7 chakras or neuromuscular plexi in the body are the phase translation or symmetry adding focal points where an additional turn or harmonic or octave or lotus petal, is added to the flow form from genetic light at the bottom organs, to sonic light (ecstasy) at the top.

The arrival of low frequency coherent sound to the brain area arranges the liquid nervous material toward the superconductive crystal, and at the same time focusing concentrically across the conic liquid ventricle horns, massages the ductless glands to secrete and propagate the psycho-active ecstatic hormones. The pituitary and pineal complex thus are massaged to arrive at a ductility to equalize the sonic propagation rate between them and the surrounding ringing nervous tissue, thus setting up the matrix for the brain to become coherently ONE.

All of this inner discipline toward the ecstatic/healing/wholing process, can thus be summarized as a wave progression fed at the bottom by erotic/high frequency cellular juices, and arriving at the top of the head as the lo frequency coherent sweet dripping nectar of ecstasy.

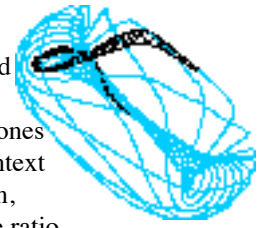
This description is identical with the Yogic description of Tantra. It is also confirmed in "Kundalini:Psychosis or Transcendance" by Lee Sannella MD. Additional understanding of the spinal liquid path for the harvest of sonic sweetness up the glandular ladder, is "Cranio-Sacral Pulse" (John Upledger Institute, Palm Beach,FL..cf Cranio Sacral Therapy book by the same author, Eastman Press.)

Return then, to an overall sense of what we have described. The short waves become more and more nested. woven. embedded in the long. With each envelope .



With each embedding of the longer wave, more and more compassion and context and touching is interwoven, connecting biology with its larger whole.

If the above picture were in 3D, sine waves would be donuts. The nest of the little ones embedded in the longer waves would be a braid. Recall that the braided adding of context dependancy was the mechanism described by Jeremy Campbell in "Grammatical Man, Information, Entropy, Language and Life"which permitted high signal to noise ratio, information storage in DNA.



Now consider motherly matriarchy as a mater/water wetting and touching. Wetting power is power to enable touching, a context building, long wave nesting process. This is as opposed to separating, hard making, adamic, atomic, PAtriarchy. Vapor is separateness for water molecules. Focus precipitates, as ecstasy "rides the long wave".

Please do not conclude that this is just a nice poetic symbolism. Kundalini causes rain! The geomant moves an earth resonant ley line with a low frequency tap on a rod, ritual moves jet streams the same way. The Earth grid is our garment/skin, a way for us to wear our collective emotion.

Membrane is the written history as a frequency signature (cf Bioacoustic Habitat Theory, for forests, Whole Earth Dec 87), of all the ways we have been touched. Healthy mem-ory-brane for

Earth, the thin film superconductive biomass called forests/oceans/people living close to Earth, requires touching E-motion. Touching our love/eros.. be wet.. keeps Earth's skin alive. The skin is the bio-computer's CPU. The self/not self...buck stops here. Waves refine the thin film membrane to create architecture in integrated circuits. Conscious emotion..love is sentics longest wave/best nest... is the zone refinement for Earth mind.

The Seed & The EGG...

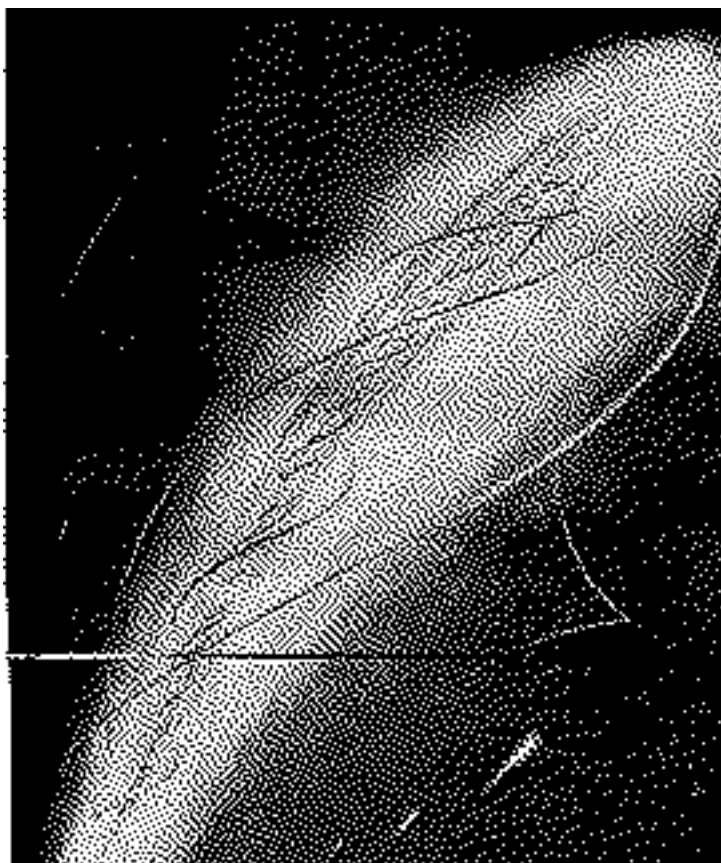
A Galactic Context .

by

Daniel Winter with Lorin Kiely and Cheryl Lynn Triplet

Planet HeArtworks

Crystal Hill Farm, Eden, NY 8/88 .



solar system weaving sperm shape over 1 precession.

—
Consider that if you could squeeze all of your focus inside an atom, you would need mythic stories to describe what it means to be a molecule. Only mystics would see the truth in the greater mythic context. The rest of the electron and proton brothers & sisters would be quite convinced that their tiny particle world was quite a big place, and very much enough to be concerned with.

Electrons can be perceived as particles, yet from a larger conception, in CONTEXT, they are an orbit... whose pattern creates a body we label shell or MEMBRANE. Averaging or scanning the continuous paths of electrons creates the 3D image physicists call shell or cloud. The broader contextual view completes the picture which the particle view only begins.

Additionally, because of the shape of the spinning PARTICles, atomic SHELLS are able to decide what goes through them, and what doesn't. (This is because the shape determines the frequency -or Fourier- content, which is like the size of the screen which sifts the sand: A kind of fabric of weft and woof.) We could say that atoms and molecules get membranous identity (Immune self, not/self), from the frequency patterns of electrons.

Now suppose you had squeezed all your focus and "light speed blinking" capacity down into something so small as say.... a planet. And further suppose that everybody there had done such a fine job of getting their focus inside such a tiny thing, that they had forgotten the SHAPE, (and therefore the CONTEXT/MEANING), of the body they were getting in to being a part of ! (There they were... minding their own business... when all of a sudden... it wasn't the 7 hills of Dublin or Rome, it was "Love's Body". Norman O. Brown.)

How would you set about picking up the clues about what was the body you were inside of? It might be a lot like being on FLATLAND as a 3D cube were passing through. You would stare at your flat land.. seeing a dot, then triangle, then hexagon, then triangle, then disappearing dot. Perhaps after this happened a million times, the most transcendental part of you would "grok" what it is to be a tilted CUBE passing through a plane.

When a dodecahedron passes through a plane, at a certain angle, it leaves twelve faces as

cones or wedges on the horizon. According to “ISIS UNVEILED” (From Theosophy), these twelve light cones on a plane ARE the twelve houses of our zodiac. In other words our zodiac is a 2D projection of a 3D DODECAHEDRON. Even as our hebrew and sacred alphabet are multiple 2D projections of ONE 3D “Flame Letter”. (The simplicial 7 color strip off the archetypal torus/donut: Understanding this now allows us to enfold in our attention more of the context of our planetary shape as a “dimension” or spin (symmetry) weaving the mem(ory)brain of a great body.



A galactic core beamblip urgently requests of our Gaia airbus: UNKNOWN FLYING BODY: IDENTIFY YOUR..SELF (.....context within the galactic body); or be destroyed.

Remember that CONTEXT dependency is the woven umbilical cord which massages our genetic signal-to- noise ratio toward high “immune” identity. (Reference: “Grammatical Man, Information, Entropy, Language & Life”, by Jeremy Campbell.)

CONTEXT is how you would correctly replace a missing thread in a tapestry. This coherence is what makes gene replication dependable and ageless. This is what makes a membrane able to enfold (unlock) the keys to correctly interpret the “intention” of the virus at the gate.

IDENTIFYING WITH THE NESTED EMBEDDEDNESS OF SHAPE, IS THE PROCESS OF MOTHER/MATER BONDING... CELLULAR, MATERNAL, PLANETARY, & GALACTIC. THIS IS THE KNOWN SOURCE OF IMMUNE FUNCTION.

THE PRESSURE MESSAGE OF THE BIRTH CANAL, AS A FOCUSING IN-FORMATION IMPRESSION/PACKING- MEMORY OF “TOUCH”, UNLOCKS & UNFOLDS IMMUNE FUNCTION IN THE CELLS OF THE CHILD’S BODY.

This insight should send us thirsting for a new remothering experience: bonding with the planet, solar system, and galaxy.

Elsewhere, we have suggested that ALL BONDING IS PHASE LOCKING. We have learned that phase locking with mother EARTH’s heartbeat- the “Schumann Resonance” produces a womb-like euphoric sense of well being. Like barefoot in the garden or rainforest and VERY GROUNDED.

We have also demonstrated that the shape of this non-homogenous (flow-form like) blood stream of Earth’s gravity body/envelope.. IS DODECAHEDRAL. (Anti-Gravity and the World Grid, by Becker and Hagens.) CAT(all consuming)HEDRAL(faces).

We’ve looked at the spinning DODECAHEDRON trace out DNA as a wave guide path for information across scales. (“ONE Crystals Dance”, Dan Winter, and “Geometric Extensions of Consciousness”, Ann Tyng.)

AND we’ve noticed that the angle, relative to the plane of the galaxy, EARTH spins at to make the great light CONE called PRECESSION (26000 yr), is exactly the 32 degrees you tilt a cube (our 3D) up at to MAKE a DODECAHEDRON ! Earth as a body, is MAKING the perfect shape-wave-guide-path, to be genetic material for the larger living cell that is the body of the Solar System.

— Let’s change the way we blink (or sample vision at) when we look at Earth. Let’s see whole orbits as circles... as if Earth were leaving a trail of bread-crumbs for memory’s sake..... trailing clouds of glory. So that just like the physicist who now knows she can never truly be separate from the bath tub once having touched the bath water, Earth leaves an Ariadne’s Thread in the great gravity bubble of the solar system. Any space once touched is forever bound in the weave.

Ahh, but Earth is not really weaving circles. Our Sun too is traveling round some great (Sirius?) center. This makes Earth’s and all the planets paths, really great helix braids in the sky. Thus planetary motions are an “Eternal Golden Braid” (Godel, Escher & Bach, by Hoffsteder) whose weft and woof emBODY consciousness.

We must choose some fixed time on which to SET the shutter speed of our great visual camera/sampler. What could be more natural than the great archetypal delineator of the ages.. PRECESSION. So let us set our shutter speed on this great helical multiplanetary precess, at 26,000 years. (and then “TAKE” a picture.)

Fortunately for us, someone has already developed the film from our context expanding camera experiment. The trace of all the planets over ONE precession is nicely imaged in “Theory of Celestial Influence” by Rodney Collin. (frontispiece here). He illustrates the beautiful wave bubble thus created as a living body with bright head (SUN), torso and tail (the planets 3D waveform).

This is a great image, but what is the FUNCTION of this BODY of the SOLAR LOGOS?

One clue may be what Jose Arguelles says about the solar cycles being the HEARTBEAT of the Mayan Calender (“Mayan Factor”). Laying out this solar pattern on a simple grid reveals the profound set of trigrams we call “I CHING” and the DNA codons. We have mapped this, the HARMONIC MODULE grid onto the dodecahedron. So it does appear SUNbody knows something about heartbeat and immune membrane generation. So by moving and pulsing in this particular way, the Sun weaves a coherent membrane, which clearly is INTENTIONAL. A long wave “cats cradle” or spiders web is woven, which by recursiveness (physicists fractal term for the origin of consciousness), (w)rings out the dodeca-genetic Earth & cell grids.

Let’s look closer at this 3D SUN & planet path body bubble. I always wondered why Rodney Collin didn’t explain why this “living” body had an undulating tail INSTEAD of legs. But then I “got to thinking” about all this material suggesting the dodeca- Earth grid system making literally genetic material by the shape of its spinning grid, AND its ratcheting precess. This being the case, it is then logical to position our planet spun web inside a living cell. Of course then in order to understand what we are here for, we need to know what is the specialized function of the cell we inhabit.

And then it came to me in a rush, how dramatically like a living SPERM cell was the appearance of the solar system when drawn out in 26000 year 3D. A leading bulbous (Solar) head complete with enzymatic penetration system at the front (Solar cycles). The torso body of the planets, carefully wefting and woofing out just the shape to make genetic material (the memory bank of the sperm), and the other sub-cellular organelles. And finally there is a complete propulsive undulating comet-like tail. The image is too dramatic to ignore. We are compelled to reconsider our entire concept of the interrelationships of life forms.

Then too, having addressed with this model, so many questions about what IS the Solar system; telling questions are immediately posed about WHO is fertilizing WHAT??

The Solar System is the SPERM; the Milky (motherly) Way galaxy herself is EGG.

This seeding role gives exceeding power to transform the whole galaxy through the genetic strands of biology here on Earth. Christos propagated Bios-Logos (biology) informs the cells of the whole galactic body how to feedback/uplift mass into light, a recursive nest called consciousness.

So now when we hear our astronomers and astrologers telling us that we have just turned the corner in the path of precession, we have more context to understand. Specifically up to now (the last 13000 or so years) we have been moving as a solar system, OUT of the plane of the galaxy, and against the grain or wind of the galactic gravity bloodstream. NOW having just turned around this corner, we just are beginning to move INto the bubble or EGG of the galactic core. (Things get friendlier when you’re going with the wind.) To use the HARMONIC MODULE kind of terminology, “we are approaching GALACTIC SYNCHRONIZATION BEAM-LOCK”.

Love’s secretions are finally irresistible as the sperm flagellates past the, at first, negative flow in its path. There approaches an electric “moment of no return” in the ORGASMIC process.

This means that:

1. The sperm head (SUN) begins executing the enzymatic key codes (Solar cycles) to penetrate the egg wall (surrounding the galactic core, or Hunab Ku, which as membrane is mindful).
2. The membrane around the sperm (Earth’s ozone layer and the magnetic sheathing around our planet & solar system) begins to dissolve in order to prepare for gene insertion

into Galactic EGG.

3. The body of the sperm is to be expected to be merged and unrecognizable after impregnation. Many parts of it, including the (planetary) tail are simply discharged.



4. We need to teach the “children” to breathe in the light in such a way as to hold the memory in (genetic/Grail) CONTEXT. ...Check it out for yourself... start with an “inner smile” - a gently LOVING sensation; breathe smoothly through your nose into your lower abdomen... and release... The quality of oxygen is that it sets biology’s flame alight. Notice that breath infused with simple attention to shape inside (a kind of geometry of pressure), literally BUILDS that shape as FEELING. Start with the simplest, the tetrahedron... later a 2 nest of these builds octa-hedron inside & cube outside... then the cube tilts and spins weaving the infinite dodeca-icosa nest. The cells went through the archetype of “Platonic” shapes on their way to being YOU. Try retracing your memory back the way you came.

The steps in RESONANCE seem to be:

Intentional relaxation, brain/heart entrainment, group mind entrainment, planet and then solar entrainment/phase locking/bonding.

The results are:

Knowledge of purpose (context), true REcollection, essence of program,.. BONDING..., FOCUS, ONENESS.

We use our bond with the planet “ring” (Schumann resonance heartbeat) to “hang together” enough (the collective mind becomes ONE), to move into hyperspace*, our next dimension (*cf Hyperspace by Pawlicki).

Thus the context GAIA has “in mind” would use the geometry of her own planet body, as this next necessary “Bond of Power” for our species, her children. Only bonded to the planet are we “collected of mind” enough to carry memory so far. Thus we prepare the seed to propagate across galactic spaces... folded, packed, embodied, Chrystened as ONE.

5. The neuronal activation of the gene/light key sites on the planet grid must be TIMED (synchronized or phased in rotational order). They need to align to the lightening BEAM.. waves of Galactic Orgasm.. to catch the light grid of the Galaxy’s own even more vast starseed context.. body. Thus to pour richly into what here would incarnate.

Magdala's Green Stone

....MORE ON THE BIRD TRIBES, & STARSEED THREADS OF A GALACTIC BODY.

....or Avata, Magda, & kin.

It is richly symbolic of Earth's motherly state now that the story of "The Green Stone" should be about to flame across movie screens. (cf "The Green Stone" book by , published in the UK, and the screenplay being developed for it by Diane Squires, Verlaine Crawford, Phil McCain.) The story as written now is mostly about a very miraculous discovery of a stone of obvious spiritual significance. It is found with much guidance from the dream world. Somehow the end of the presently told story implies a kind of doorway into the underworld/ or collective, focalized by this green orb.

Interest is high. Focus is on how this very fertile myth/metaphor.. birth... shall be "delivered" to media. Media as electronic noosphere delivers awareness to collective mind, like Gaia's nervous system. The synaptic sparking of heightened awareness delivers a membrane as a vehicle in which to incarnate for a babe flirting with birth. Like a mother gasping with paroxysms, her face afire, she exchanges the pressure wave of life's ultimate touch: massage the envelope- because the babe having finished turning inside out (zygote to fetus), emerges impressed with the shape of the center of the vortex: an umbilicus through the birth canal: immune self/system exploding in the fiery unpacking of that first star placing, imprint, breath.

Where does this story begin? Where did the pregnancy start? When/Where was the seed planeted?

Tectonic land masses called continents are just faces seeking leverage afloat on a sea of fire: the heart/core of Earth/Gaia. Recall a time when the surface membrane of Earth was rich with the memory stone of mineral, but barren of the GREEN of biology. The responsiveness of thin-film semiconductor biomass to the ecstatic long wave of gravity's blood stream to the stars, was but a glint in the eye of a starseed transmission.

Moss had not yet greened the ssword from the sstone, chelating mineral for biology to consume, maximizing surface area for touching. The chelation process is a digestion of mineral into biology. Since mineral is memory of pattern, this is a digestion of the memories of Earth and her gravity bloodstream from stars which wove the rock, into vein and plate. Volcanism is the grinding into life of stone by fire in Earth. Bios's ss logos.

The fire of the stars became rock when fertilized by the seed of pattern. Light became packed when only symmetry would do/be. Pressure passed the law called order, executing disorder. For biology to suck-seed, light would have to reach inside itself... to come up on itself..... a kind of donut. Only turning inside out would feed back. The turn was re-memembering the angles, only they would slip knot. Those who knew the angles were named angels.

Fortunately for sweet gaia's el lactose (galact toes), the angles and the arc angels form you lated a plan. Lux i fir (c.f. Lucifer) (light-I-fire) said 7 Sisters lay out your grid, Siriously. Yod he has Vau; he has given us space her here, let us re-peat ig night him time. The ONE who re members symmetry among pressures wave, feeds the synaptic spark gap fire of memory. Fourier's sine wave summation at infinite harmonic content limit is a sharp resolution, a coherent phased/faced hologram mindful nest: The Lord of The Flame consumes perspective..

Planting the seed for the grid for Lucifer, was conceiving and shaping the geometry of metallic crystal, crystallizing conductively (ecstatically) on the surface of the heavy met-all core. The seeds for the long wave which biology rides were woven by plan into the tectonic geometry, the facet crust of stillness and pattern remembered by standing to wave on the surface of the Gaia zygote.

On the day of soft clay, they fashioned a cup. Tectonics huddled into one docile fetal body; (making) pan-gaia. Above this one continental body tectonic womb were impressed by one invaginating impression. Where today we find Hudson's Bay, once was a cup shape just

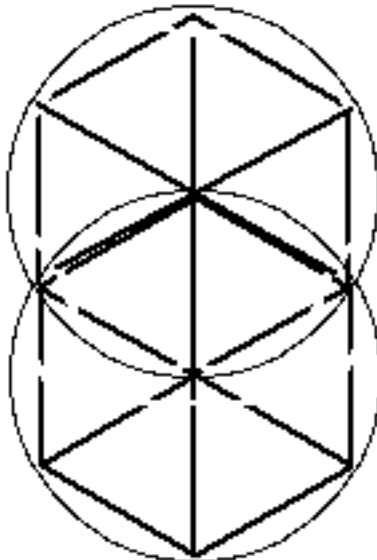
beginning to separate what was eventually to become the unpacking unfolding point separating North America and Europe. Below this softening tempering impression, was couched the two halves of the green beryl tectonic stones. One of these became the green Ontario shield... Ontario to keystone state: Pennsylvania. This is one of Earth's oldest stable tectonic plates: a memory well seeded and folded. The other half of this great tectonic stone pair was to become the blarney stone Scottish highlands to Southern France. Together these two floating tectonic ribs across the Atlantic spine, function as a kind of Sacred Breastsplate for Earth. Breast-Plate is called "Shield" (as in Ontario Shield) because it shields the heart. Touching the breastplates in sequence quickens prophecy, (Mormon tradition), en lightning memory's river. Later we'll see that one of the 12 tribes, the Benjamin Magdalenic starseed lineages did just that by their pattern of Migration..... from French Rennes to "Highlander" (Sinclair).. "Et in Acadia..." (Nova Scotia, Mont Royal, A Golden Dome, and royal metal, Montreal) ... Sang Reaal.. Blood Royal... Song Graail... (c.f. "Holy Grail in North America").



Something woven in the blood carried the river of memory. Blood is salt water. The liquid crystal ocean of memory of Earth, is massaged to zone refined thin film semiconductor antennae by the pressure geo-nest whale and dolphin song. The shadow of salt in NaCl salt water is emerald cross (c.f. "Occult Chemistry" Leadbeater & Besant) (salt, NaCl has a cubic molecular array, the tilted cube has the "Emerald" six-sided hexagonal shadow). Ocean and blood carry the potential river of lightning, which can nest a higher frequency wave within biology's braid. (cf picture below).

The hex cross in-cube-ates the s-word from the s-tone. S is the cro-ss ss-ection of the donut ss-ign wave, and ss-ound of a wave memory cascade di-ss-appearing into ss-tillness: everywhere at oneness. (From here to (k)no-w-here).

The braid-circle-stone of DNA dodeca-merkabbah is pulled up line where the hex view of the cube phase/face locks the dodecanest... light in symmetry's circle stores momentum (our only definition for mass). In a line we call light's sword: energy. In a circle we call it mass. The cross over marks (Merk's ab pa)(Mark from Pa-ter)(merkabbah)(vehicle of light & vessel of starseed,"God-men")... the "Tree of Life":

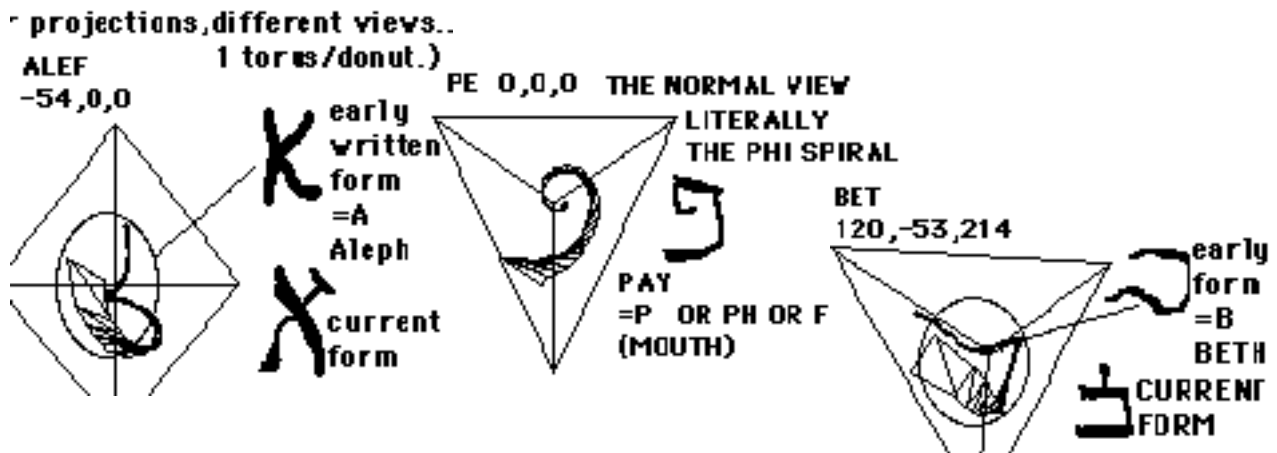


Tree of Life/ The Cube's emerald cross hex, when spiral wratched...like quartz, is the sword / The Dodecahedron's Emerald cross hex, when spiral wratched ...like DNA, is the stone. Light in the sstone sssicrle stores momentum like a gyroscope, and that IS THE way mass is created. Light is drawn out from that circle back into the LINE path, where it is called ENERGY, by the EMERALD/HEX helix lightning sword path whose geometry permits the unpacking of the memories in the wave nodes without interference (into the line). The first geomantic step to create cat-hedra-all is to plant the rod/sword, drawing the ley geomantic stone gravity bloodstream of Earth up into the bubbling blind spring vertical flow axis to weave the standing wave envelope body cathedral. Thus the membrane of Earth is massaged to reach for the stars, whose faces (hedra), cathedral all consumes (cat-abolize/ consume).

Thus in the long wave locked mineral rock faces of Earth, there is a spiritual significance to geology, a harvest of memory stored. Remember each moment a bond Cryst-all-izes in mineral, the frequency complexion of the frozen wave pressure bubble bond, stores the memory of the position of the stars at that moment of birth. (The astrology of birth in crystal and seed). This is because gravities frequency signature as cascade ratio across both magnetism and electricity is the bloodstream of collective mind/emotion. It's geometry of pressure at any moment frozen "in time" is a record of the hologram of the ONE mind from that instant. Tectonic's are the digitized samples of Earth's birth in the long wave envelope of the galaxy.

We are speaking now in terms of the broad memory strokes of geologic time. Undisturbed rock layers are exactly emotion (long wave) storing memory “banks” like the more crystal-liquid liquid crystal of muscle: the piezo(fire)electric “womb”(of)man.

Noting that the “Burning Fountain” (Phillip Wheelwright) animating ma-terre needed nest in bios-logos, the uni-verse turned itself inside-out to slip knot alpha-bet symb-ball into Earth’s memory-brane. This wishing well ceded land-guage. Honoring his mark from pa terre, Merk did wheel from Abbah (Merkabbah) (literally Mark from Pa) (like HeirUSAsHall-I-am do-deca-hedra-all). The flame left shadows on the stone: (t)his “monolithic” architecture in that cave. Mono-lithic means ONE letter arch-I-tected.



The shadows in that flatland cave were Hebrew, a map back to nDimension symmetry. Symmetry is/was the pieces of the body of Osiris pulled back together. Just ONE “flame letter” indexed the spin possibilities called alpha-bet to make the topology of mind’s wave, again multiply connected... as in nest/context/braid/holographic. (c.f. “Alphabet of the Heart” Daniel Winter, also “Grammatical Man, Information, Antropy, Language & Life” by Jeremy Campbell, on the “context dependant” braid allowing high signal to noise ratio in DNA).

Meme-brane birth for Earth was fractal cede from zodiac, the rayment skin faces of both Earth and zodiac are dodeca-hedra (12 faced). 1746 (1080&666) stars were focused by erotic star bodys’ gravity lenses into that soft skin erotic cup. It’s an etheric template, first etched here from there, then inhabited there from here. First the light makes the hologram (skin on Earth), then the hologram film recreates the light (biology reinhabits/cedes the galaxy). Children re pay the in-dent-your of the their star seed.

Oh say can you see, light ten ing the twi light, that pent star spangled marriage bann her, A mere aqua, mothers waters bursting in heir.

Lightening’s addition to primal soup is spin. For lightening, braiding proteins is DNA. The ray’s trace cries give us symmetry or gives us death: the price of re membering. Only symmetry casts a shadow of pressure in a direction which ray-calls. Consider if you were that soft motherly tissue, what touch would you recall. Wouldn’t it be the longest pat turn? Ray cognizing our galactic starseed lineage is wearing our pat ternity suit. Take Mose’s case. Whose seed? It’s ours’. It’s stars.

And O, what happened then was rich. The stars began to twitch, the earth to (w)itch. A rainbow connection was about to sum true. Heir USA shall eye am (Jerusalem, city of light), wake the stillness inside, bustles with emerald city.

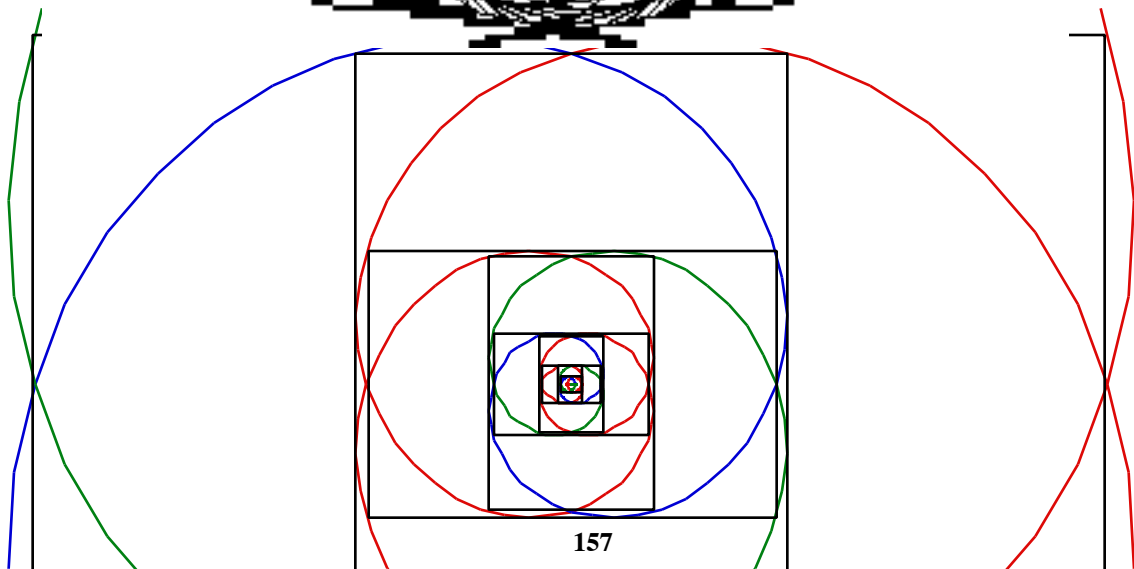
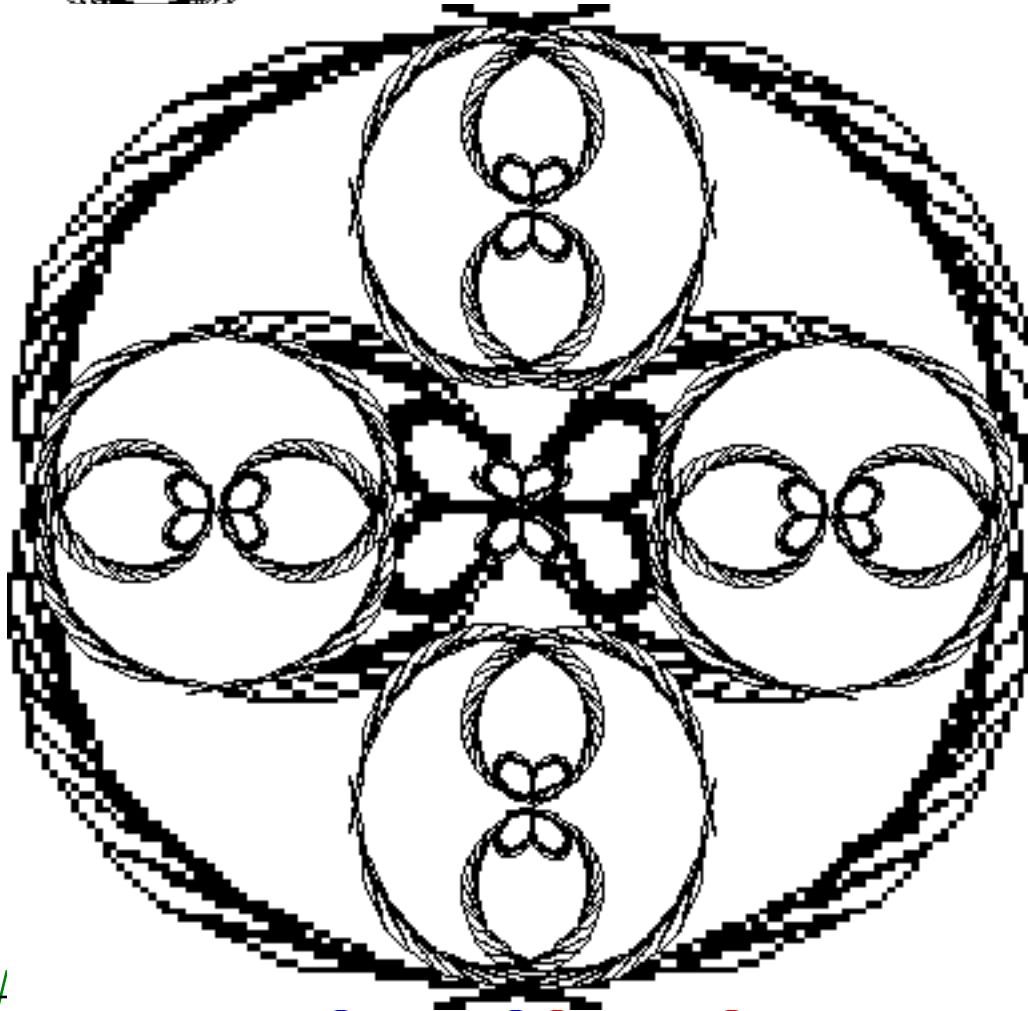
Of course, fetal glands don’t support ecstasy until they unpack. Chakra’s unfold from circle fetus to line, kunda-line. So the tectonic continents, still point chakras in-the-flow, divide and float around the bloodstream/fire of earth. Seeking the place on the chaladni of vibrating Earth where stillness Cryst all eye isis.

You see, the Sirian's wanted vision. These are the bird tribes, c.f. "Return of the Bird Tribes" by Ken Carey. The winged-golden-mean-fractal heart shape..



of arriving starseed animates every myth of the origin of indigenous peoples. When the winged ONE's packing k'iss met with return unpack:

Eye's Is. Vesica P'iscis, We-seek-a pi'eye's IS...

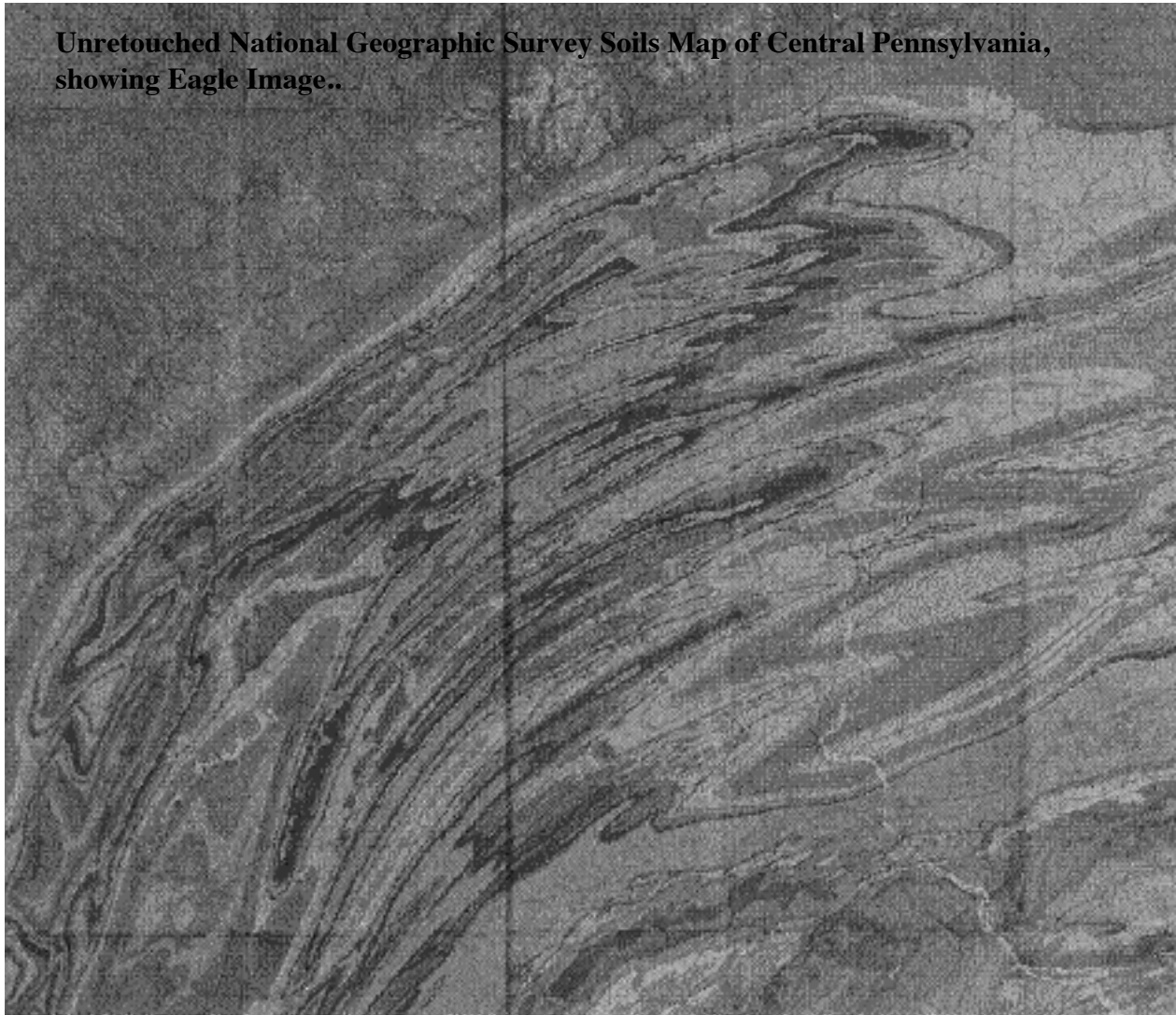


Of the Bird Tribe's highest wing is the Eagle, whose eye see's the widest hor(us)-eye-sons. The Eagle's eye suggests the most resolved focus and consuming perspective — on faces, in bio's logos. The Eagle serves the food chain by the finest horizon of focus on the perspectives it consumes. They are what they eat. All forms of consumption resolve to a question of the intelligence of an investment of memory. This Eagle outlined in the shadow on the rock in the center of the key-stone state above Phi-lo-delphi-a, is the face to which Magdalen's starseed birdtribe return, to return. To return to gaia's lactic corps. (Mother's milky body.)

Nervous system focus evolves vision, propagates in-form-ation by coherence of phase/face lock. For A'mere-I-go, America, nervous system is electronic noosphere, media wiring for Earth. The Eagle landed. The cry in Pennsylvania's Eagle's mouth is both birth and death, a cross.... point.

The Eagle is clearly outlined on the topo map of the center of Pennsylvania. This relief is even more startling on the color soils map, and almost leaps out at you in a true 3D bas-relief map of

Unretouched National Geographic Survey Soils Map of Central Pennsylvania, showing Eagle Image..



the area. The region is marked by names like Bald Eagle the town, Bald Eagle Park, and the town of Oriole meaning eye situated literally at the eye of the Eagle. The Eagle is the symbol of our country. The city of Philadelphia, transliterated Phi-Lo-Delphi-a, was our first capital. Even their football team is called the Eagles. From here the masonic "women in the wilderness" set out to inhabit the interior of the Eagle.

It is important that we understand the relationship of the Eagle to the food chain which it serves, in order to understand the role of our country with respect to the global metabolism. From the highest height, vision or focus in the eye of the Eagle allows nervous system (our country is electronic media for the globe) to choose prey or perspective which to consume. The focal element of the collective nervous system (our media) harvests the memories of biology.



They are folded, "nested" for the flight to the heights. The myth of "I will raise them up on Eagles wings" and "the wind under our wings" gives voice to our song.

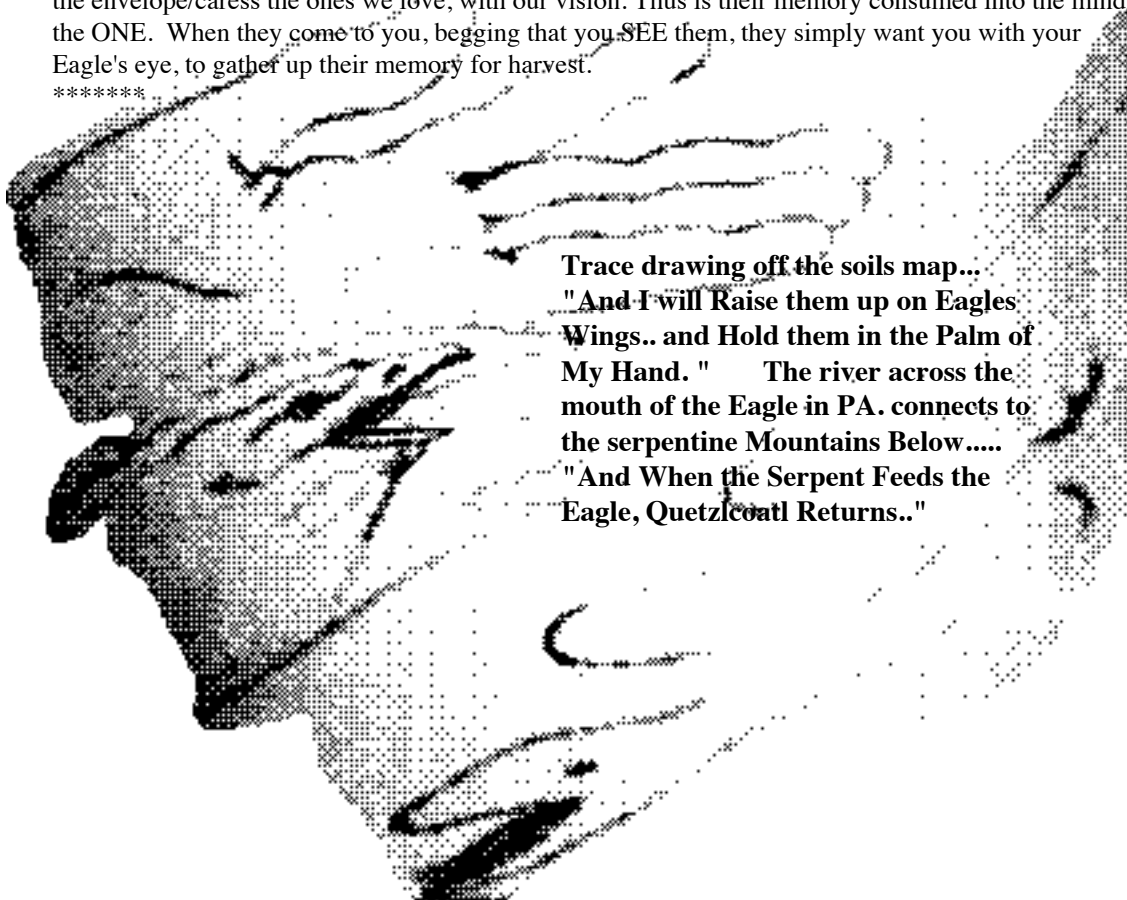
The Grail myth is that the Grid was planted in a cup on Green Stone. Was this the pangaia cup onto the Green Beryl Ontario Shield, extending into the Keystone State? The Eye of the Eagle trace of their seed as it grew into that soft clay, was named by the mystic masons: Oriole (The Eye.)

About 7 places are named after the 7 stars of the seven sisters of the Pleiades here. 7 Stars, 7 Valleys, 7 Spring, 7 Notch Mountain, 7 Sisters. The Pleiades: (The 7th Sister not seen, married Sisyphus, busy rolling rock up hill ((Earth??))



Plei, in Greek, means to sail. Knowledge of sailing or navigating galactic spaces, in 3D, is the same as surfing in 2D.. You get hour phase angle correct with respect to the (gravity/water) wave... thus allowing you to chose your destination. The Pleidian "Tablets of Destiny", may have been our sacred alphabet, the phase map for the the galactic "sailing ones".

The Pleiades rose at the season when favorable weather for good sailing was available. On a deeper level the "star-men" seeding our culture sailed here when the weather (galactic tilt) was right for good sailing. Epic sagas are written about the time when the galactic "beam me up, Scotty" doorways will again be open for ready wheeling to and fro our galactic home. The time is now. The old ones are returning/waking up, to check in/on their seed. The Eagle harvests memory through the eye/I... Allow your best visual focus to massage the envelope/caress the ones we love, with our vision. Thus is their memory consumed into the mind of the ONE. When they come to you, begging that you SEE them, they simply want you with your Eagle's eye, to gather up their memory for harvest.



Trace drawing off the soils map...
"And I will Raise them up on Eagles
Wings.. and Hold them in the Palm of
My Hand. " The river across the
mouth of the Eagle in PA. connects to
the serpentine Mountains Below.....
"And When the Serpent Feeds the
Eagle, Quetzlcoatl Returns.."

The giant ones of old were called “Els” because they could make the 90 degree el (as in El-o-him) between circle/light in matter, vs. line/light as energy. This is a meaning of picking up off “the cross” (of time and space) and following (the principle of) Crystos. The story we tell is that if you connected the seven places in Pennsylvania named seven, the arrow would point through the crown of the Eagle to where the Pleades should be when the Earth’s tilt is corrected. At any rate, just east of Oriole the eye, is the town of “El-ims-port”. They could come and go from here.

As Earth tilts to new symmetry with galactic 12 faced zodiac, the cup runneth over, and the serpent feeds the eagle. This refers to the sweet Kundalini tantric sting proceeding up the spin to the center of vision, the Cave of Brahma in the brain. The return of Quetzlcoatl, the many plumed one (an eye on each plume-consumed in perspective) is presaged by this drink from the silver cup, when the serpent nourishes the eagle. The rivers will flow on a new tilt.

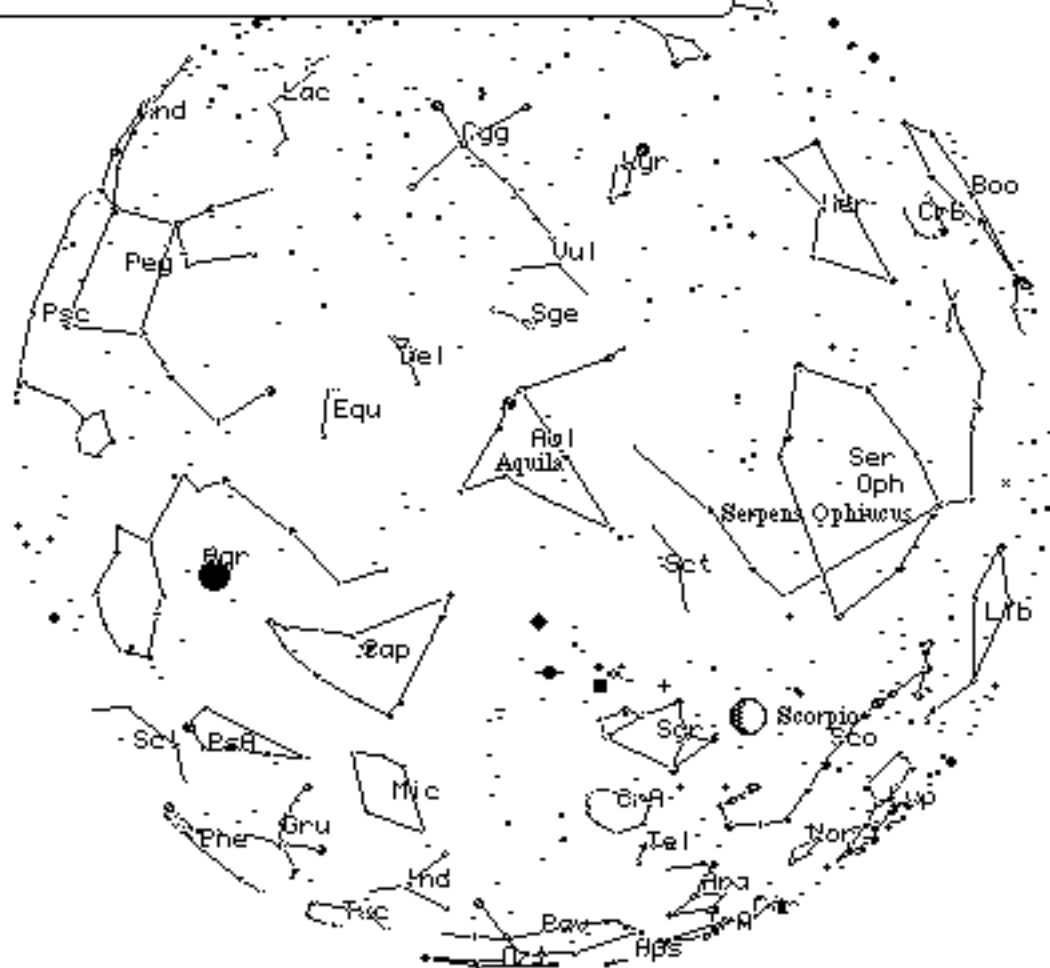
Aquila - The Eagle

Genitive: Aquilae

Abbreviation: Aql

Ra : 19h 40.0m

Dec: 04° 00'



Notice the relative position of Aquila (The Eagle) to Serpens Ophiucus, and below to Scorpio on the sky map. There is clearly a relationship between the relative positions of Aquila and Serpens in the zodiac to the positions of the Eagle and the Serpent in Pennsylvania.

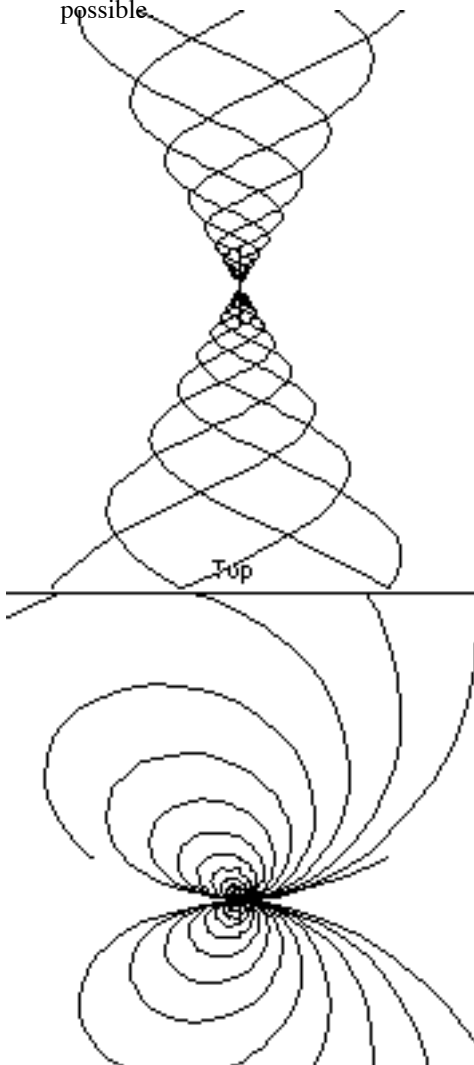
Perhaps, as our psychologists would say, we are “just” projecting? First the holographic film we call biomass the surface of Earth is created by zodiacal projection, then those dodecahedral faces permit us to project the “memories of biology” (or shall we say, how to turn

light donuts into biology... metabolize starlight directly)..... into the cosmos.

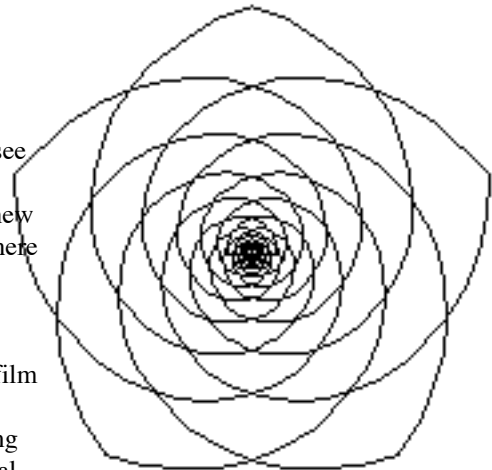
An important angelic colleague of ours says about the Eagle in the zodiac projected onto the Earth's grid..."The Eagle eats awareness. The Eagle is one of the four (cardinal) elemental logo figures for the zodiac. Each logo figure as each Zodiac figure, represents an aspect of consciousness." Richard Leviton's research in this area further leads us to Don Juan's first rule of the nagual as it pertains to the eagle, cf Castaneda's Eagle's gift. "The power that governs the destiny of all living beings is called the Eagle, not because it is an eagle, but because it appears to the seer as an immeasurable jet-black eagle, standing erect as an eagle stands, its height reaching to infinity... The Eagle is devouring the awareness of all the creatures that, alive on Earth a moment before and now dead, have floated to the Eagle's beak, like a ceaseless stream of fireflies, to meet their owner, their reason for having had life".

The evolution of consciousness as feedback narrowing-into-aperture, is a description of the evolution of perception. By grasping the threads of ray's tracing light into optical cortex hologram, the finer resolution phase/face locks the reality to witch the symbol points. Result: take back the grid. Own her. Re-own re-sponse-ability for the nest. Only the inner optical hologram fed by phase discipline (Hebrew) to the coherent light of its maker, actually affects the matter (crossings) of light which it sees. Here the symbol participates in the reality to which it points. The grid is ours to weave. The inner whologram (opticus Eagle's eyrie) bends the focus of light which made matter. Persuade ma to terr, light to cross, line to circle, $E=mm\ see^2$, because momentum in a line is energy. Entering the circle-the turn-the labyrinth... into mass, requires symmetry. Order is the price a ray pays attention to.

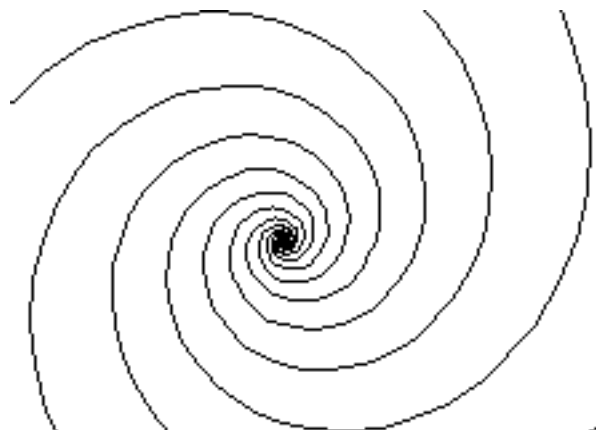
To create is to see clearly. Only that resolves. Coherence is the eye beam which sharpens the shadows. Make a conscious resolution. Since after the dust settles only ONE coherence is possible.

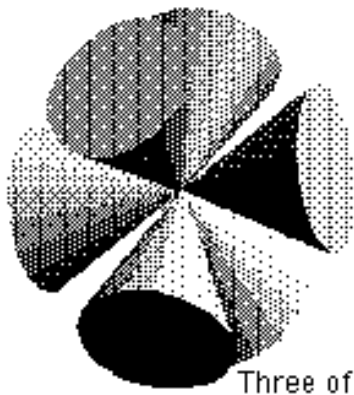


So the two light cones (3views,same pair) Yod and Vau (two light cones) (say them slowly to see their shape), (Yod and Vau) ... knew that there was more here than the present eye could see. To wit, wishing to see more, made a holographic film onto biomass Earth. This was like yearning to zoom in on a fractal on hi res film. You can only focus in so far until you encounter a grainy quality. God couldn't focus on anything smaller than the light waves she was shining in to look with.

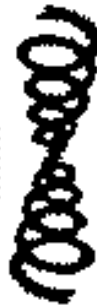


UNTIL she discovered a way to send a message between the frequencies of light. So in the beginning (at first in principle), she created in-cube-ation. 3D.





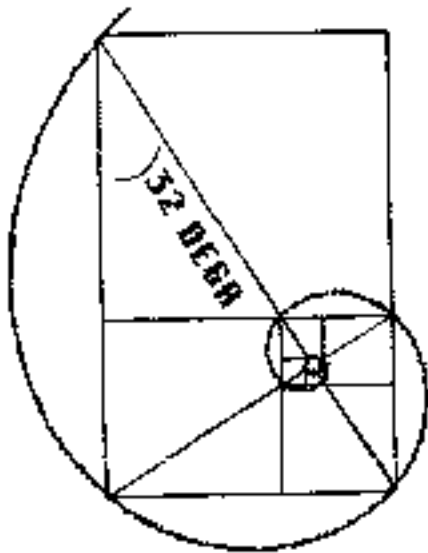
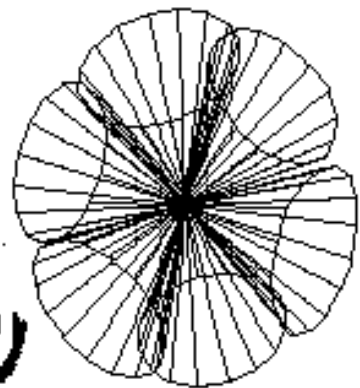
Three of these donut spins
in cube ate.



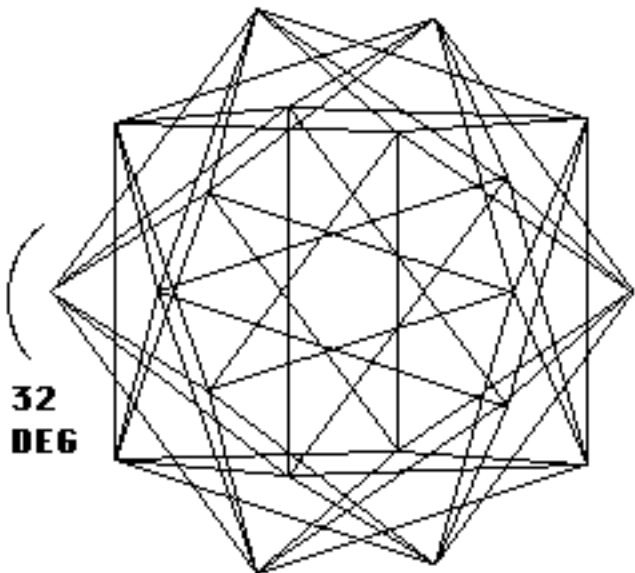
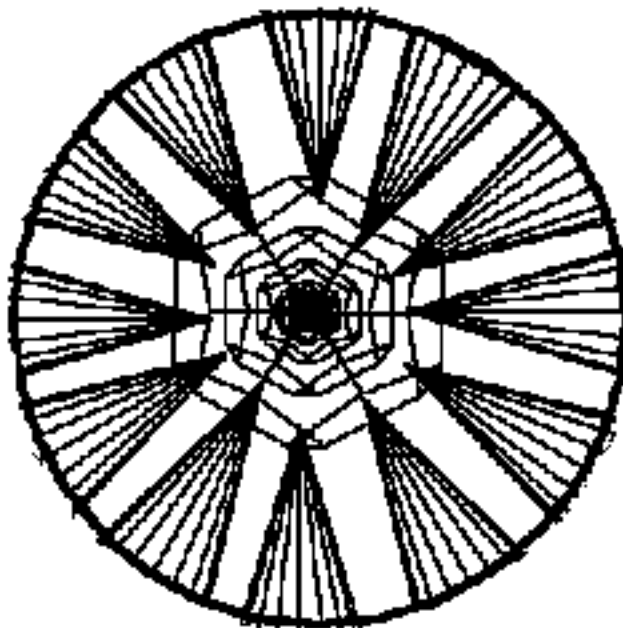
This 8 up and down,
we call OCTave.



The reclining 8
we call infinity.

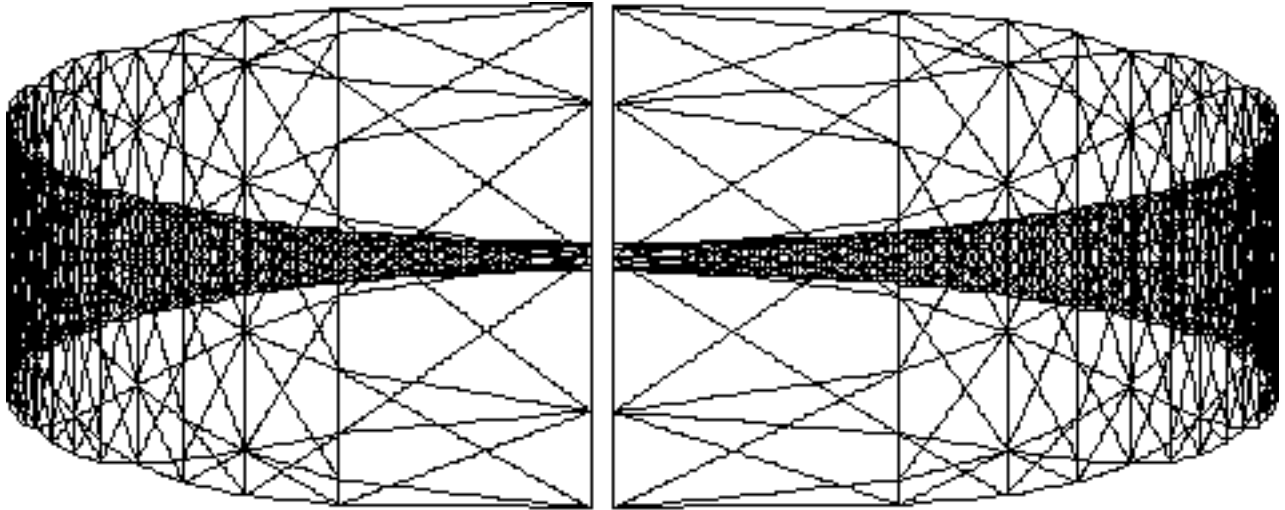


**THUS, AT 32 DEGREES, EARTH'S
PRECESSIONAL POLAR TILT IS CORRECT
FOR HER DODECA SHAPED GRID TO
WEAVE THE DNA GENETIC MATERIAL TO
BE SEED/GENE FOR GALACTIC
(GAIA/LACTOSE) CORE.**

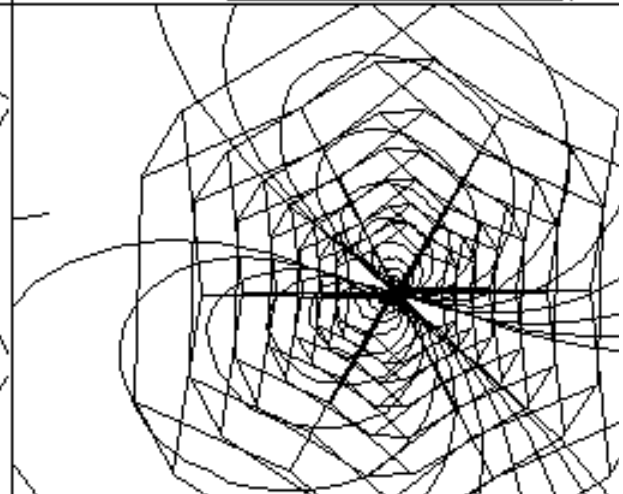
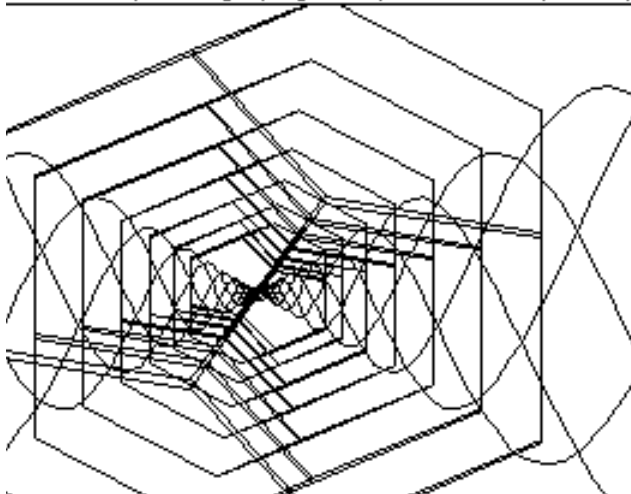
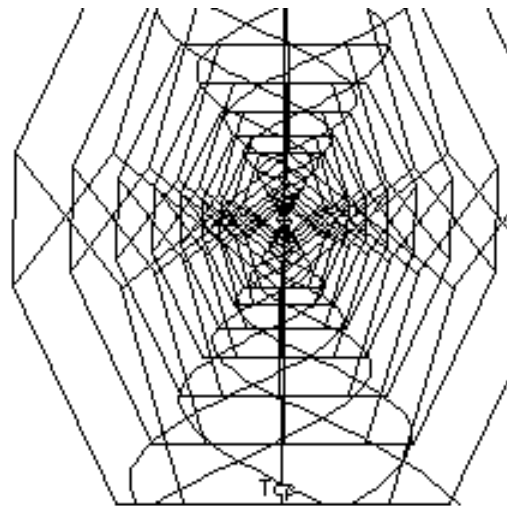
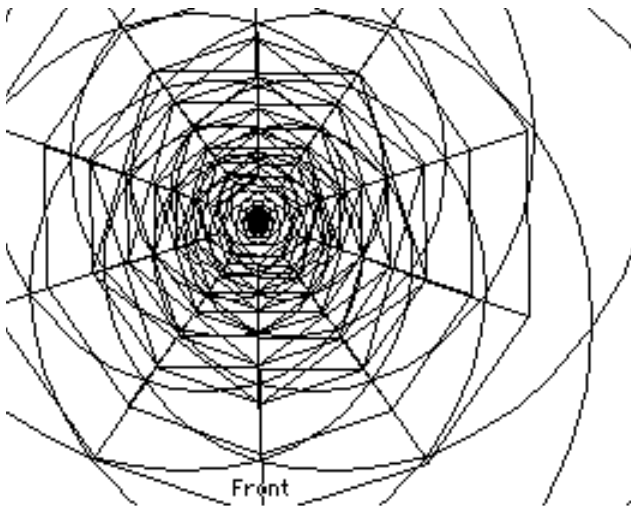


32 DEGR. TILTS CUBE (3D) INTO DODECAHEDRON NEST, 4D, DNA/GALAXY

Then she discovered a way out of that nest (all trussed up in octet). Taking her morphic cue from the twelve dodeca faced zodiac imprinted on her hologram for Earth grid, she re-allized that the golden mean spiral yellow brick road to oz...



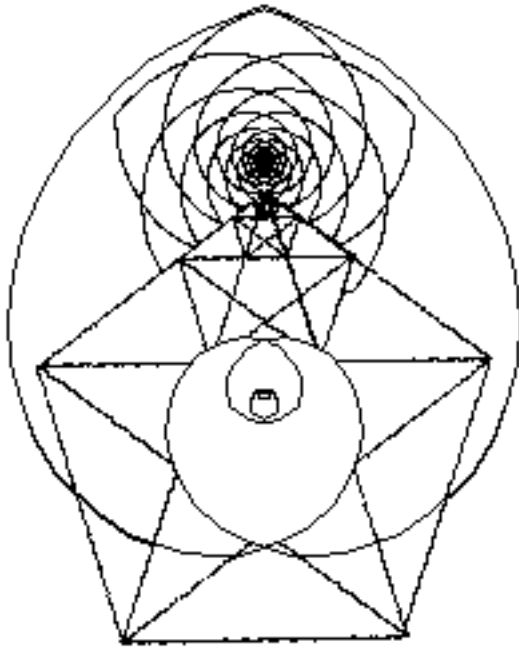
vaaah ooooo "vau" close mouth / yee oood "yod" open mouth



T
O



LARY



See the connected spiral vortex into nested pentagrams making fractal the same dodecahedron called galaxy, earth grid, and DNA:

....WITH THIS FRACTAL PROJECTOR SHE COULD RELEASE HER PROGENY STARSEED BACK TO REINHABIT THE GALACTIC SPACES FROM WHICH THEY WERE PROJECTED IN THE FIRST PLACE.

It was a case of transporting memory from a limited scale of incubating birth, to the most symmetry space permits. (Preparing faces to meet.) This became crystalized in legend as Merkabbah vehicle, Ezekiel's wheels, and the dodeca shape of the city of revelation. Eden's paradise dimensions. 12 houses zodiacal dodeca projected through a plane, makes a round table, which on Chartres maze opens a space in the center for the 13th ONE. There new

symmetry consumes all the faces round the table in a new order/dimension.

The fractal projection of the zodiac on the faces of the tectonics of Earth, became an exercise in recreating the object which rendered the film in the first place. (cf zodiac round Glastonbury, and round Rennes Les Chateau, cf the great MAN ley in England, great Eagle in Pennsylvania Keystone, and great Dolphin in Australia..Legend of the Golden Dolphin, and the great BEAR in Northern Mother Russia.)

All of this place making on the crystalizing clay of the tectonics, amounts to an unpacking of image out of star seed which planted in that first cup: the grid. Now wonder they grew into a chip off the old block. Those planet faces are wearing their paternity suit.

The inner fire of Gaia becomes a cup that runneth over, when her light warps back up the spine of the galaxy, which will taste sweetness. If the light shining through the film is (fase) coherent with the light that made the hologram in the first place, then you can USE the mirror and the magnifying glass INSIDE of the hologram to see objects OUTSIDE the same hologram. The fire inside Earth is that light. The designer genes of womb man are the lens, the mirror and the magnifying glass. Who is the ONE who sees? Whom does the grail serve? Awtor and the land are ONE.

And how was this cryst all architecture etched onto the fabric of history?

After those two halves of the green stone breastplate of Earth divided across the rib cage of the Atlantic, they were still hinged and connected. It was up to the Reverend Mothers to shepherd the genepool to touch those breast plate faces, so that prophecy could be kept alive. The seers. The seer stones. The Sirius stones. These kept the light of the long wave here focused, far from downtown.

So let us matriarchically reinterpret history: from a motherly perspective.

The "God-Men" did more than to announce to advanced age Rachel and Sarah they were with child. Rachel was ritually virgin for temple rites producing a genetic cement between neighboring kingdoms. This was the practice of the time. Only in this case the kingdoms whose gene pools needed cementing, were separated by galactic space.

The great women of the bible knew how to save the seeds. They were tantric. They could raise the red fire of their own passion up through the green stone of the heart to the blue aura of tantra: "The Blue Fire". This training enabled them to meet the star men whose command was: "from y branch unto x a cross this gene isis".

When the Pleadean starseed outpost was established here to enrich the genepool, the original assignment was the males were to fertilize the indigenous peoples on Earth but the females were to abstain. I believe this had to do with the y chromosome's additive presence???

Y is branch, X is cross..., here they needed a branch..

Apparently the presence of “space” people or “star people” or “God men”, was quite common, literature suggests common associations with Latvians, Mayan, and Hebrew..

What the green moss does for the stone is chelate the mineral so that maximized surface area makes the memory of pattern in mineral accessible to the touch/digestion/absorption (consumed perspective) of bio logy. What the fold of membrane in the skull of the holy women does is surface unpack the memory (the pressure waves) of touch with stars seeds. The skull of Magdalen was the vessel which contained the star seeds of Jesus, from their tantra. Her perfect Heart was the green cross point between red orange passion/erotic energy and the blue light aura around their tantric heads. Thus she saved the seeds. His sperm contained DNA lightening. In proper kundalini process, the force of sperm not ejaculated is collected and pooled by tantric sexual excitation. (There are references to the unusual nature of young Jesus’s late unmarried state. In Kazantzakis: “Last Temptation of Christ”, there is even reference to what all that sperm did do his brain.)

The coiled braid of DNA contains a lightening life force. It is the ultimate programming language because braid within braid within braid... it can contain the complete discipline to nest machine code within assembler within Dbase within ReportForm Generator within..... many times over. All switches are morphic/shape active site aligned & switched.... context dependant. (cf Reference: “Grammatical Man, Information, Entropy, Language & Life”, by Jeremy Campbell.) Aligning active sites switches the codes of DNA on and off. The braid aligns the sites. Coherence is the intelligence of emotion to s)witch DNA. The braid within braid of DNA is woven PHASE COHERENT (long wave nested in “synch” with short), by ecstatic coherent emotion/eros/tantra. The lightening of the memories within the high baud rate gene pool of Jesus and Magdalen (recombinant starseed) were thus unpacked and saved for biology that way.

The role of tantra in the necessary high voltage/pressure incubation of starseeds should be taught. Frequent pregnancies not accompanied by sexual intercourse (virgin birth) are described in women with kundalini experience. (& see Lee Sanella MD, author of “Kundalini, Psychosis or Transcendence?”) Thus describing something about the profound function of the ritual virginity of Sarah, and Mary. The massaging of info into the haploid genetic egg, is the perfect symmetry to mate with the half helix which is LIGHTENING, and KUNDALINI. (“ANGLE”-ic touch.) It is potentially a profoundly erotic marriage with a larger contextual body. In my personal experience, Earth responds dramatically and erotically to kundalini. She yearns for meaningful touch, a massage, even deeper than we do. Her response is to relax /align her geometry of pressure (tectonic/jet stream). In the past this would have been a technology so advanced as to be indistinguishable from magic (once said of computers). A simple emotional alphabet (of long wave beat note ratios) connects us to the planet metabolism. In this way we can “phase lock”/ become at one, with our symbiotic role.

There was a long history of the need to hide the starseed origin of branches the the genepool. This was why the priests of Egypt were systematically poisoning the Kingship/Pharaonic line. The message of ONEness which Tut and Akhanaton brought would unify the dream force of the people, creating a “Godforce”. Schizophrenic dreams for the people were preferred by the priests so the illusions of their control over the kindergarten could be maintained. Tut and Akhanaton’s line possessed the classic indications of starseed genetic origins: pointed skull up and back, nose length, distended belly, and extra braid or turn on the muscles of the inner organs (hence the need to hide these in Canopic jars.) The starseed contingent overlooking the Earthly blossoming of their seeds, wanted to orchestrate an avataric birth in the Egyptian theatre (cf: “Secret Places of the Lion” George Hunt Williamson..Brother Phillip). However when the interference of the priests became too great, other destinies were arranged. This pattern repeats itself with the Coptic, the Albigenian, the Cathar, the Templar, the Druid..... The priests represent a false faced Patriarchy, NOT the true Father.

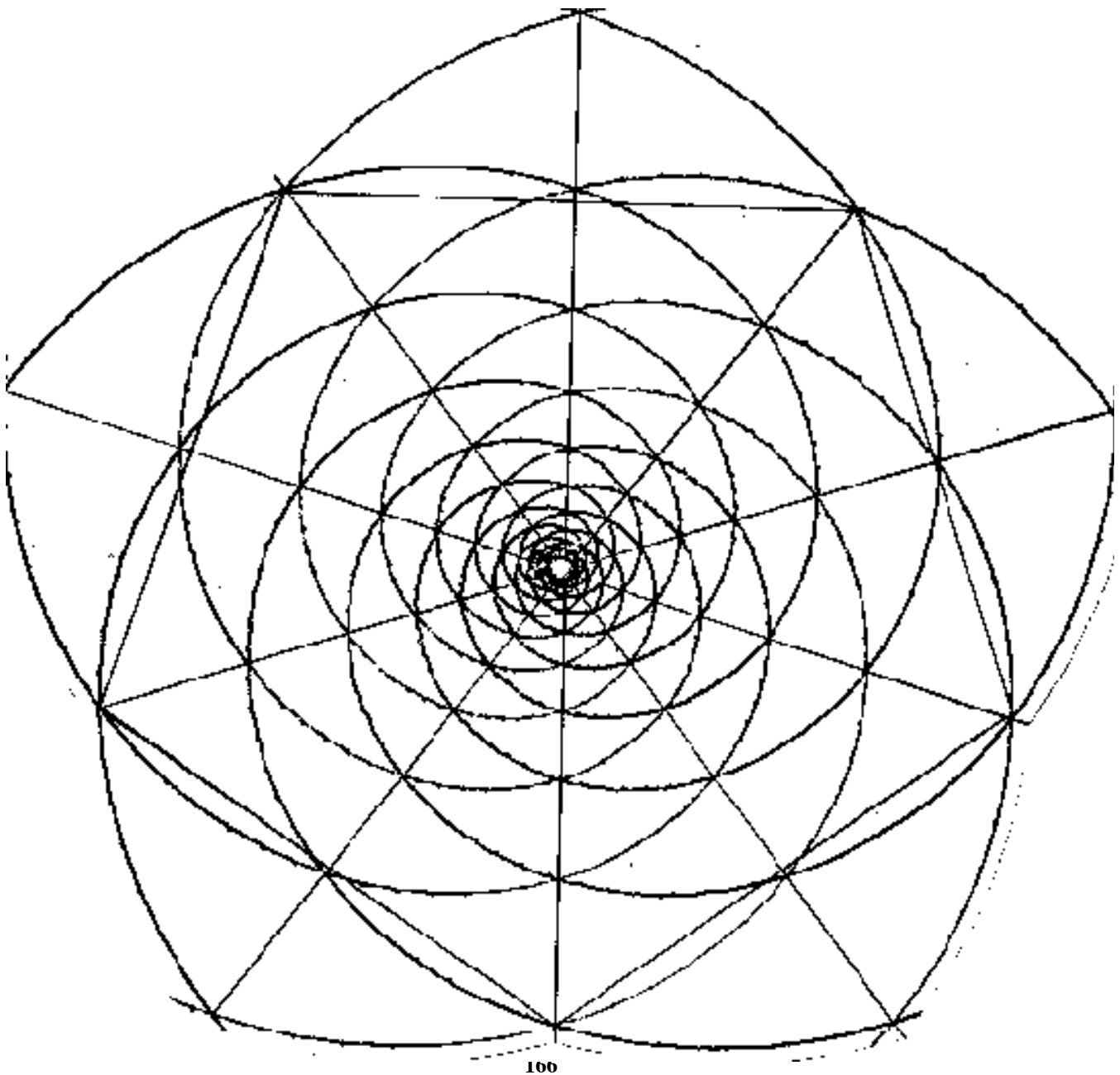
In fact, the story of the concealment of the true star origins of Father seed, BECAME literally “The Myth of the Birth of the Heroe” (by Otto Rank) . It is the story of the “virgin” birth of



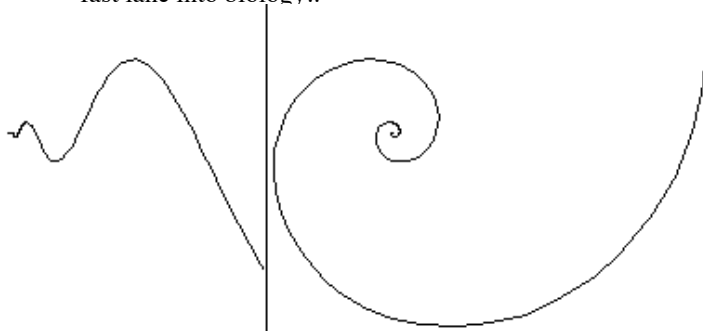
Moses and Jesus. Tantric ladies could preserve the seed. Tut took a secret Jewish lover. They bore twins Moses and Aaron. That Jewish lover mothered Moses her real son, by concealing his Father in the Starseed and Pharaoh genetic line. In this way the flame of Starseed was passed from Joseph in Egypt, via Tut, back out of Egypt into the Hebraic theatre.... one hopefully more responsive to the Oneness message of the "God" men. The Pleadian and Sirian forces never wished to be mythologized as "separate" from the ONE God. They knew that only one "form" of coherence was possible. (In an interfering system, when interactions go to their "limit" only ONE phase locked coherent system can remain.)

So let us go back to our biblical remothered interpretation....

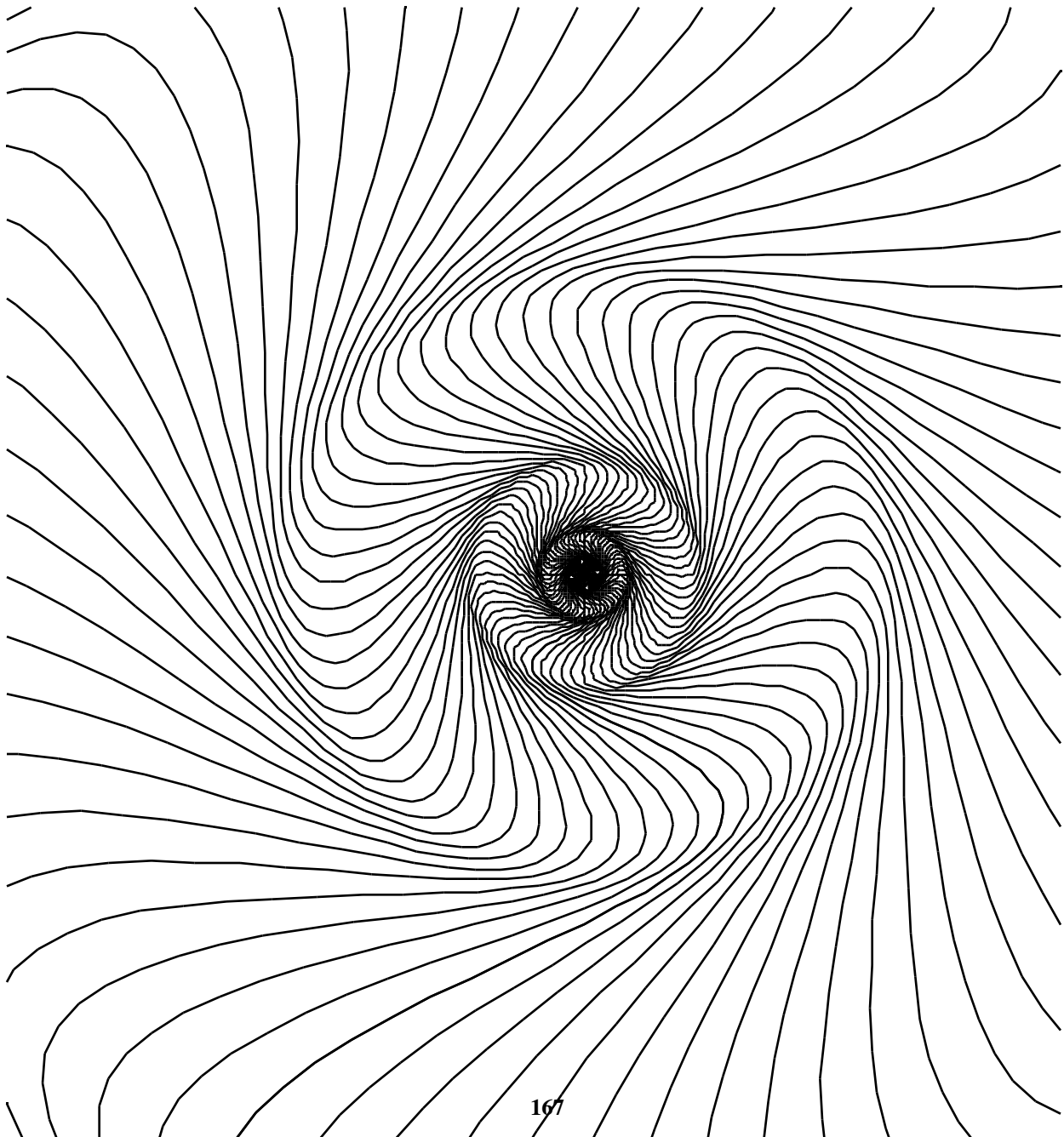
Rachel's passage of starseed went to Benjamin, and Joseph (whose coat/rayment was of many colors). Benjamin's lineage begat Magdalen. Joseph's story tells of Benjamin's link to a cup among the seeds. The genepool is a grail cup..



“Blossoming gene, cup of the grail”.. A top down view of DNA.
 DNA’s chalice is a web work planar surface or an infinite tube, tempting light out of the fast lane into biology..



caduceus (side view)
 Golden Mean Spiral (top view of same 3D form) which when spun around, creates the recursive/fractal from all perspectives.. Grail cup..
 (DNA as chalice), light receiving cup.....





..... Joseph's seed includes Jesus.... Benjamin's seed is Magdalen (born of his lineage). Jesus and Magdalen had three children. (Holy Blood Holy Grail). The passage of the contents of those recombinant starseed becomes our story.



So.. having filtered some of the false patriarchy out of our look at biblical times, a matriarchical lineage also emerges.

To review, Abraham undertakes an important rite w/ Sarah, when 3 "God Men" Sirius representatives, announced that she, Sarah would bear her first child then.. even though she was over 100. Apparently she was not barren, but rather ritually virgin (teacher of tantra?) as part of her priestess line (a significant lineage of matriarch). The rite they did was always done when royal blood was married to her lineage. She was fertilized as if by lightening from the stars...

presaging another "angel" Gabriel who came to Mary.

Sarah as ancestor to Magdalen received starseed as did others in the feminine tradition of "The Myth of the Birth of the Hero(ine)" ... by Otto Rank, in which one of the chief features was the concealing of true (starseed?) parentage?!

We can now understand the symbolism of tearing off the roots, ADAMic meant damned or stopped up or segregated, literally red making or hard making power... (the red race).

The "red" hard making was damming.. (in the sense of creating a stoppage in the flow... of light: matter) Adammic race would create the illusion that the stars did not Father them. The parental lineage from God hood was exactly what patriarchy would segregate or forget (Siriusly).

Remember that in the mother all the eggs are born with her, so that all human eggs were born at once with the first mother... irretrievably rooted. IEVE meant tempted unto knowledge of separateness by WORD..(the illusion that substances are "separate""") as shape symbol or womb..

So then, in the Hebraic story as starseed... Isaac, their Magical child, (of Sarah & Abraham) with Rebeccah, begets Jacob. Of Jacobs 12 sons, the magical ones are by Rachel (whose lineage was said to begin the Messianic age?). These are Joseph (coat of colors & link to Egypt) AND the favorite young one Benjamin. (Catholic marital definition of feminine success in marriage:"wise as was Rachel, long lived and loyal as was Sarah..??)

From Joseph, the attempt to incarnate avatar moves to Egypt. Ahknaton is straight Pleidian.. or starseed blood, as is Nefertitti. Tut their son, undertakes the message of ONE ness, AND the familial ideal. Patriarchy and the priests poison this.. SO, Tut fathers Moses (& twin) by a secret Hebrew lover (amidst great intrigue)... and Moses returns the identity and coherence of the starseed lineage to Hebrews.

THEN, Magdalen is born of the Benjamin line, Jesus is born of the Joseph line, they have three children which begin the "Holy Blood..Holy Grail (Coptic, Cathar, Templar, Druid, Troubadour.. the reverend mothers???) story.

It is lightening quickening herstory.

Thus Jesus/Magda is adiabatically the reunion of the (star)seeds through Rachel...

He folds seeds, she unpacks.... matriarchy now leads to unfolding of Bio-logos seeds to galactic Milky.. spaces??

After the death of Joseph, the husband of Mary/mother of Jesus. The household was run by older brother Lazarus. Lazarus was a bit Father intoxicated, over imbued with his new role as "head of household". Young sister Magdalen, really a cousin of Jesus (the Essenes were a carefully bred extended family), decided she must exit from under the oppression of Lazarus & family. She runs away, and later manages to acquire a fortune running a house of prostitution in Northern Palestine. This was consistent with her promise to herself, that if she couldn't have the ONE man/ Jesus/ she would have every man. (When Jesus was at an age appropriate for betrothal, as he reached out for beautiful Magdalen, he was struck down as if by lightening. The sense of electrical seizure is on occasion an unwitting tantric moment, but with the Earth itself. Sometimes the lover cannot resist.)

The wealth of Magda became the seed for the Templar treasure, she founded. (Even the cobalt blue of the Templar Marianist Gothic Cathedrals was taught by her, the tantric blue only seen as you turn..) What she managed to save in that oldest profession was not just material currency/symbol for human energy, but also a treasure of information. She became consort to the rulers of nations... AND expert in the energy of sexuality.

SO when Magdalen becomes expert at Tantra, while running the celebrated house of prostitution in northern Palestine, before Jesus returned from his initiatory travels, she was learning a critical biological lesson on saving the seeds. Her former profession paid for his later travels, and her skills to conserve the lightening of tantra, created the genetic nest for his children.. to redeem history. (cf Holy Blood Holy Grail, they founded Coptic, Cathar, Templar, Rosenkreutzen, Druid, Troubadour.. and our present extended family.) Magdalen is empowered feminine. She is here with us, as is her green stone.

We approach the mysteries of the green stone itself, and the crystal skull, and the skull and crossbones.

Jesus meantime had departed for India and later initiations in Egypt at around age 13-14. Instead of the prescribed marital energetics, his eros was conserved for initiation. On his travels he gradually learned an appropriate Yogic Tantric discipline for the lightening in his loins. His seed moved explosively upward. However a critical breakthrough was required before he could taste the sweetness from the silver cup. Silver cords of information sweet lightening pounded for access to the cave of Brahma in his brain. But there was a necessary stricture.

At this juncture, a knowledge of Kundalini's biological mechanics is essential to understand the true origins of the green stone.

The highest frequency, ultraviolet & information richest, nectar of the collective cells of the body are focused in the lower sexual glands. Erotic attention concentrates them into a pool. They are assembled in the male via the gonads into a genetic single arrow/ haploid helix/ lightening bolt. The prostate surrounds them with sweetness.

Discipline in what is consumed visually and informationally can conserve the excitation/aggravation of these lower glands. This translates to mean that red meat and "dirty" (sex without love) movies make for a different quality of sperm release than whole grain and readings on love and oneness.

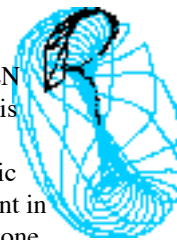
There is a suction tube at the lowest tip of the spine, the stinging tail of the serpent, the "organ kundabuffer" (Gurdjieff). When the pool of sweetness around the sexual organs is full AND still, this pumping tube in the clear liquids of the spine, can "come" to have access to this sweetest nectar of biology. Particularly in the beginning when this pump is just being primed, great care and discipline are required to nourish this alternate flow of erotic energy. If successful, the nectar will ultimately spill over in the high brain, exploding the psychoactivity there with congruent unflowering of the cells of the third eye/pineal pituitary complex. The cave of Brahma (in the brain) has the organs of eros as its entry point.

The pelvic tilt and electric relaxation at the point of orgasm are some of the discipline that feed this "Sushumna" up the spine. Another very vital ingredient to achieving the flooding of the upper brain with these everlasting life producing juices, is described in the literature "Sacro Cranial Pump" (Upledger in Florida). The part most relevant to our understanding of the Green Stone has to do with the function of the heart in making this pump work.

Getting these sweet Tantric juices into the spine does not happen unless there is a pumping action upward. The motor for this pump is the sound waves created by the glands at the moment of emotional coherence. Understand please, that the electrical information product of the collective orgone cellular process exists largely in the blue ultraviolet. This is very much the energy currency which drives all of cellular mechanics. The human egg draws to itself the chosen sperm/information seed, by a blue UV tractor beam. Exactly in the same way mother Earth Gaia draws to herself her chosen information seed by a blue UV tractor beam. She however must draw that high frequency information foldedness up the human spine into the realm of the longer waves within which is her bloodstream of mind.

The frequency distance between the UV (ultraviolet) currency of cellular reproductive eros,

and the sonic information fabric of ecstasy arranging liquids to crystal in brain, IS SEVEN OCTAVES! At each chakra glandular/nervous plexi, an additional turn or brain of light is woven on the petals of the lotus.



The sacro cranial pulse so perceptible in the Upledger school, is the low frequency sonic coherence which massages the envelope of the spinal pump upward. The key turning point in that process upward is the sound of the heart. The heart, half way between red erotic orgone energy and the blue aura of tantra, is also the green stone.

Her sweet immaculate heart sets the peritoneum around the heart to ring. It massages the spine, pumping the sweetness. Pure heart does it all. Magdalen taught Jesus that, as he embraced her.

It is common, as the force of kundalini surges upward for blockages to be balled up and expelled. This is often in the form of dense mucus, but it can also be actual calcified excipient from the lymph passages. This has been called a lingum stone. It comes from above the plate above the mouth, which is the classic tantric switch to the "microcosmic orbit". The tongue touching the back roof of the mouth performs this switching. That same area is connected to the sphenoid/occiput gate which opens to permit the sweetness to enter the brain (again cf: sacro cranial pulse, Upledger.) That stone released in dramatic cases of kundalini arising is a potent electrical "ball of lightening". His lingum stone, the symbol of released blockage, became the green stone. She treasured it.

Her skull held his tantric star seeds. Her feet walked those green stone faces of Earth. From Jerusalem, to Southern France, to the Scottish Highlands, she massaged the envelope of Earth, guiding her children there. Shepherding the lineage of the genepool of her children across that sequence of tectonic green breastplates across lifetimes, was the Marian legacy/reverend mothers touching the stones of the breastplate in sequence to massage alive the envelope of prophecy for a "closing time". Face locking as they walked the memories of Earth, crystalized unpacked in stone faces, into one consumed perspective: body of Gaia: fractal of Zodiac.

And the in "Holy Grail in North America", it reaches us... the Ontario shield, and the Keystone state.. Phi lo delphi a's eagle.

The Pleadian/star people, ancestors to the en"lighten"ed blood lines of Earth, were bird men, winged. As in "Return of the Bird Tribes" by Ken Carey. ..As in "On Eagles Wings" Martin Cecil, and "Eagle's Gift" by Castenada. Our universal mythos of angelic ancestry is rooted in one important anthropomorphos/aquiline profile of genetic seedstock for Earth. The grail and Magdalenic course of lightening through history attempt to complete the epic feedback loop home. Chiron/Marduk the wandering elliptical planet shuttles memory from here toward Sirius and the Pleades. The myth is of the God falling in love with the beautiful human child, to be carried back on the wings of the Eagle. The Phoenician tablets of stone, carried by the charges of Metatron, passed the treasure map home, from the masons to the Indians in early America. Thus we come to the "women in the wilderness" of the Masonic wisdom tradition, who prepare the way.. in the "keystone state" (Pa.).

Ref:

"The Green Stone", Pub in UK

Series by Baigent, Leigh, and Lincoln: "Holy Blood, Holy Grail". "The Messianic Megacy" & "The Temple & the Lodge".

"Holy Grail in North America" by Michael Bradley, Hounslow Press, Willoadale Ontario

"The Magdalen Mystery" by Z. Kent 1985 Privately Published by: Institute for Creative Mythology, La Vereda Compound #24, 707 East Palace Ave. Sante Fe, NM 87501

Series by Elizabeth Van Buren published by C.W.Daniel, Saffron-Walden, Essex, England

"Lord of The Flame", "Secrets of the Illuminati", "Sign of the Dove", "Refuge of the Apolcalypse: Rennes Les Chateau the Key"

The "Fire In The Mind"

... Considering the Psychoactive alternatives,
Plant Derived vs:
Computer Stimulated Virtual Environment vs:
Ecstasy's Nectar

on the occasion of reading Terrence McKenna, and being asked to do computer animations for "The Fire in the Mind" film project, in the same day.

"Accomplishing the plumbing necessary to pump up a hologram to the pressure necessary to bend light", this is a plumber's description of the evolution of the nervous system. Not a bad analog, if it is true that the unified field is simply fluid. Memory is pressure waving. Matter is light bent into shape.

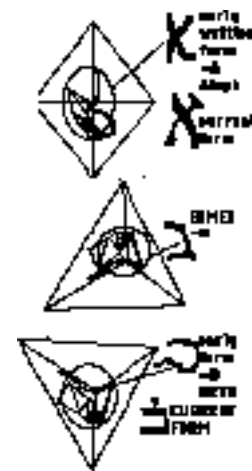
So biology spent eons making myelin to insulate the sheath/nest of the nervous system. This marked the evolution of consciousness as we know it. High voltages could be carried by insulated nerves. Result: the symbol/analog could be SEPARATED (that is insulated) from its object. The greater the electrical pressure distance from the symbol to the object, the greater the abstraction, the greater the leverage. Symbol making gets a handle on "things".

In the visual cortex is an optical hologram. Matter is a dense hologram. Getting one hologram to modulate/massage/message another, is simply a "matter" of common phase discipline. Thought creates when it is laser like. Our alphabet is the elements of phase. Symmetry made it. Sine wave donuts tilted into phase make matter, and make symbol. These letters are written as shadows of the donuts of light sampled in their tilting attempts at symmetry.

cf "Alphabet of the Heart"

Symbols are light getting their show together.

The lady inside one hologram cannot send a message to



her lover in another hologram until she gets her (phase) signals straight. The symbol alphabet elements of symmetry are her only heart strings of hope to reaching her true love.

Just like a laser, the alphabet, and emotion are w(e)aving gestures to coherence.

Once the inner hologram is in phase with the outer, the only limit to the information/energy/fire transferred is pressure or voltage.

Here enters the function of the race of Adam. He imagined himself separate. Hard. He won the atomic race, the hardest most separate thing imaginable. True linguists translate Adamic as the principle of hard making power. If everything is one substance varying in pressure, then only resolution separates. Focus is resolving power. Making hard requires great resolution of the imagination. Segregating the flow of momentum was called evil, but it "only" meant to know of separateness.

The insulating of the nervous wiring by myelin was an experiment in separateness, similar to the function of walls in apart-meants.

In the plant world, nature has offered us ways to peek through the veil

between harmonics. By modulating the pressure threshold in the nervous hologram, psychoactive drugs glorify the function of the conductor at the synapse. Some say plant drugs are gates between worlds.



Seems funny that biology took eons to make the insulator necessary to hold the pressure of fire in the mind. The chemical user would make escape. 20 minutes with drugs and poof, down are the walls.

It is not that all drugs are leaky plumbing for the optical hologram. It is just that a superconductive moment, in a pressurized cauldron like the mind, is risky business no matter how spiritual the witch doctor.

Nature designed a process even more natural than eating mushrooms, for psychoactivity in the brain. The sweet dripping nectar of ecstasy has been sought in as many ways as there are cultures. Any short path to the natural generation of the psycho-active hormones, is just that: a short circuit and addictive.

In order for the sacral-cranial pulse, massaged by coherent emotion/gland sonics, to pump kundalini/tantra superconductive sweetness up the clear fluids of the spine from the orgone orgasmic blue dish, to the high brain..... much disciplined pressure must be channeled. Not so with the drug user. They will not learn that discipline, because biology's feedback will have been short circuited/ diverted.

Fire in the mind, as a flame letter, is indistinguishable from information. Pressure arranged to arrive in phase to stand as wave, that is memory/information/mind/fire. Only discipline in phase can hold that.

The more the waves phased to arrived at a point, the greater the fire, the more multiply connected the topology of foldedness, the more everywhere present the hologram. The pina of the outer ear, and the cardioid of the heart shape, are both exquisite examples of shapes which align many phases into ONE point. Phase symmetry is the ONLY principle which ever made ONE out of many.... anything.

Recognizing a longer wave pattern in symmetry space, or symmetry time, differs none in principle. Symmetry turning into self, as rotation, is the only generation/definition/measure we have ever had for mass, or time. Stored inertia as the gyroscopes turn IS mass. Time also, has no means or measure outside of simple rotation.

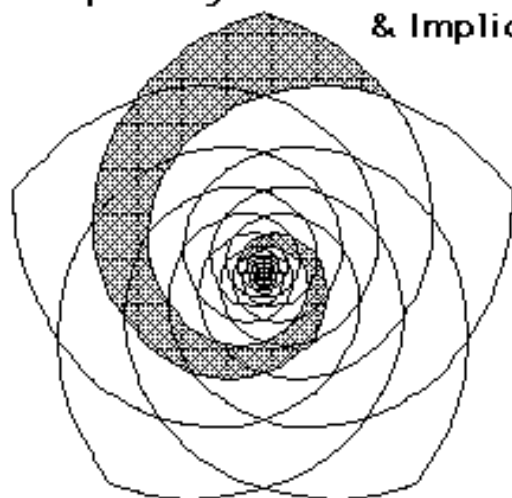
Storing the phase pattern under pressure of these turns of mind, requires pristine nutrition, spiritual food, and peace of mind. The "psycho-active chemical alternatives, may be as dangerous as allopathic medicine.. you consume the shape, but because you do not understand it (the shape of chemistry), you are not nourished to symmetry.. your soul does not digest. You are robbed of the feedback, pain intended to create symmetry, by adjusting the shape of your attention/focus.

Much better to drink spring water, eat WHOLE grains, fresh veggies, blue green algae, and breathe real pine forest air.. NOW THAT WILL BE PSYCHO ACTIVE!

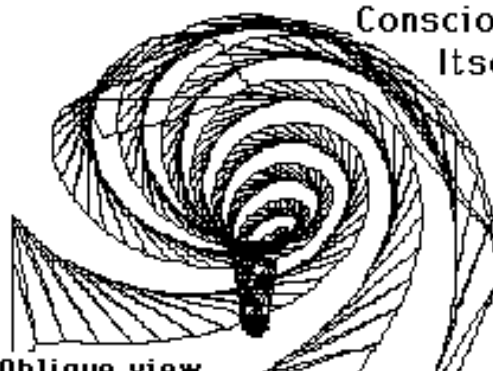
Having graphically outlined a pure geometric derivation for the origin of

**Pure Geometric Origin of the Text of Genesis & Genetic Material
Interpreting the Code of Infinite Fractal Recursion,
& Implications for the Nature of**

**Consciousness
Itself.**



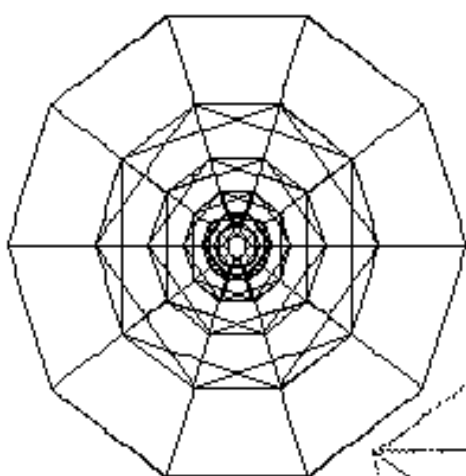
**10 spirals of the golden mean:
top view of DNA & the "flame letter"
source of all the Hebrew letter forms.**



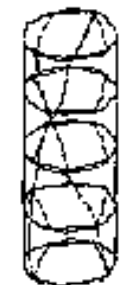
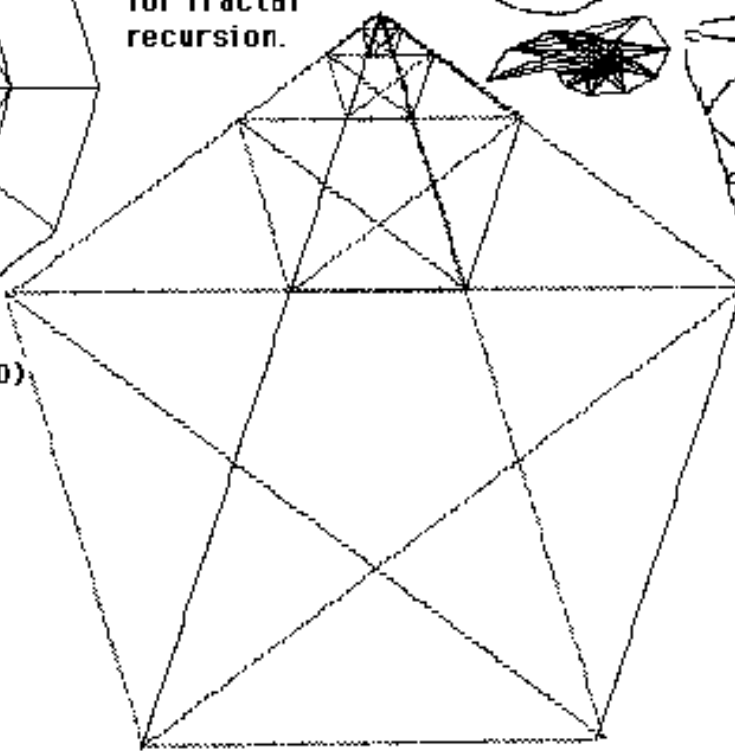
**Oblique view,
traced on donut/torus
(the whole cup shape
repeats itself in center**



**The nature of this
form presents
infinite possibility
for fractal
recursion.**



**Nested dodecahedron
(pentagonal spirals in 3D)
model:
DNA,
gravity grid of Earth,
City of Revelation,
origin of alphabet,
faces of zodiac...
golden mean=phi-cycle.**



the alphabet, and of genetic material, we should sketch an approach to interpreting these insights. Since the implications are so vast, it is necessary to include physical, spiritual, and psychological metaphor, tightly woven. Let us review the graphic components which produced this synthesis:

we took:

- + the golden mean spiral,
- + the shape of the primal torus donut
- + the symmetry angles of the platonic solids



we laid them one upon the other, and produced the origin of our sacred alphabet.

The same spun tetrahedron and cube which spun to trace out those letter forms, also traces out by spinning to those same 72 degree-1/5 circle phase angles, the dodecahedron. The top view of this ratcheting form turns out to be DNA.

The 2D and 3D nature of this nested pentagonal form (as pent nests, as spiral nests, as dodeca nests), are all infinitely recursive and fractal, or self-embedded.

Now we must ask, what have we learned:

- + about the instruction set of the text of genesis?
- + about the flowering wave guide nature of DNA?
- + about the nature of recursion or self-embeddedness in consciousness itself?

Self embeddedness seems to be the only way waves could build matter. Looking inside the nature of self-organizing flow forms, only this principle (called symmetry in some context), of flowing back inside oneself to know oneself, is self generating enough to call form up by its own bootstraps. Thus, the essence of recursion itself is most richly deserving of the retranslation of Sepher Bereshith (Genesis): as “at first, IN PRINCIPLE”.

Both Louis Kaufmann, mathematician (University Chicago), in his work on recursion and knots, and Fred Wolf in “Star Wave” conclude that the golden mean ratio represents the ideal or optimization of recursion/embeddedness itself. And thus it is the ratio in principle of consciousness itself, in that the maximum ratio of what is new which can be added unto pattern, without destroying the reference pattern, IS the golden mean. Consciousness becomes a name for that principle (of focus or flame) which by ordering preserves pattern.

In a universe of flow, only a certain series of turns, or phase shifts, produces a flow which will SLIP (k)not. These geometry of knot or flame shadows turn out to be the alphabet of allowable symmetries which nests electron shells, and trace the Quechua and Hebrew letterforms. Thus an appropriate reinterpretation of the first verses of Genesis which contain the symmetry groups which are key to the entire language, would be as a cookbook for weaving up fractal recursion of light flow into matter. This text would by virtue of being a self-organizing symmetry set, be a readable instruction set for how to tie useful knots, helpful equally at intergalactic or subatomic scales.

The pattern of turns which creates standing waves, is thus literally the memory of the way into and out of, our habit of attending to the node, and not the wave. It is our gatekeeper in matter.

For example, walking the sequence of phase angles or turns called the Chartres cathedral labyrinth, trains consciousness in the turns of mind necessary to enter and leave matter. The dense center of the slip knot of flow, called matter, holds our attention only until we learn the pattern which put us and our attention there. In the same way that the labyrinth or homeopathic remedies contain the shape of pattern necessary to enter and leave certain slip knots, so to does the sequence

of instructed turns which are Hebrew.

It is profound coincidence that the 7 color map of the donut, maximum number of colors which can all touch EACH other, is the map of the donuts tilt traced by the golden spiral on the donut. The same donut tilt then derives the perception of color (cf video), the electrical rotor energizing the heartbeat, and the phase nest of our absolute alphabet.

Creating flow-form waveguide for consciousness (our name for living recursion), is no more or less esoteric than building a good microwave amplifier. (A lesson nature learned well in the construction of insect antennae, and practiced by the druids in the construction of paramagnetic dolmen.)

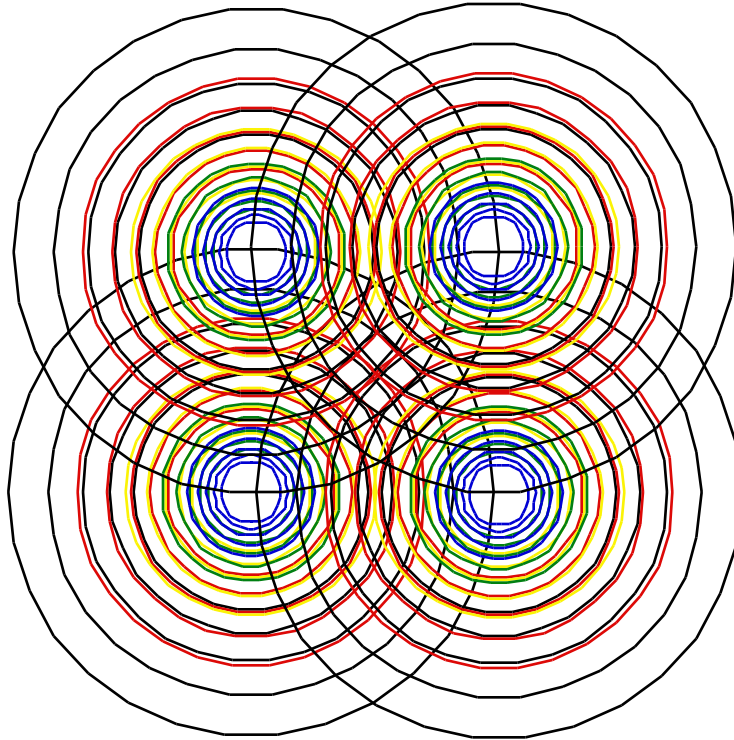
To be fractal or self embedded, is to be self-reflexive: long a primal signature of consciousness. Because the nature of this flow which “knows itself” is written in scripture, we do well to appreciate the shadows on the wall of this cave, as a map and template into the nature of self-organizing consciousness itself... strung up out of chaos.

Pleiomorphic: _____

The Part i call Wave.

We watched yet another documentary on the “miracles” of gene splicing last night. True our science has yet another incredible tool to re-wrench the body. We are shaping cells by computers programmed to spit out DNA on command.

There remains a slight bitter taste however. Nowhere in the delicate expose on the glorious horizon of new science was the healing role of emotional context or joy or reverence mentioned. This was not a new way to use biology



as a feedback tool to instruct consciousness to think and feel rightly to be healthy. It was instead a new way to stretch biology to the whim of an awareness lacking the basic moxy for who created whom. As we said afterward, it seemed like for those biophysicists, mind was a happenstantial byproduct of nerve cells.

They are almost as sure that cells create a mind to think with, as those bacteriologists were years back who dumped the idea of spontaneous generation. This was the now highly UNfashionable notion that organisms were created by the field. This idea is sometimes called “pleiomorphism”, in honor of the face shifting etymology for this word, which could be construed to mean “changing of forms”. (“Plein” in the sense of the “The Pleiades” means “the sailing ones. “Sailing into abstraction” in Whitehead’s sense is a telescoping of forms between worlds, with the leverage of symbol.) We sometimes forget that if there is just one unified field, then shape is the ONLY thing the universe has to remember.

The “shape shifters” in Herbert’s Dune series, could change form at will. What geometry of field as willed intention, chooses the shape precipitated as pattern out of light? What do you begin with to make patterns among waves, the node/bubble or the wave itself? Virus are resonance bubbles. Do they

make the field called disease, or are they first created by the field which precipitates their unfolding? What emotion triggers AIDS to become expressed? It is important to conceive that a focal fractal or attractor called conscious will, creates the geometry of the wave eddy which it precipitates. Mind upon the waters, beads up, precipitates, and creates.

Healing is changing the shape of things through will. The Pleaidians shift or sail between worlds at will. Form becomes orderly when waves cohere. When emotion, as the willed focus of feeling, becomes measureably coherent, it's health giving effects begin. Psychoneuroimmunology is the creation of identity or coherence through willed emotion.

Trying to decide whodunnit between field and particle, between mind and disease bug, is like trying to fix the blame on Adam or Eve. Adam in Hebrew means red-making or hard making power. Eve means wet making, wordmaking, whole making, or touch making power. Creating separateness vs wholeness are two ends of a continuum not supportable without both. But density didn't make the wave, just as ultimately man didn't make woman.

So are disease patterns the "bio-logicalization" of a thought form? Too romantic a notion perhaps for the A.M.A., that we be creating worlds inside ourselves by what we feel. Of course we are not saying tsk tsk kiddoes you made useless disease by feeling incoherent. Disease is a stop frame of a glance in the mirror. Blink twice, the picture changes. Dis-ease suggests lack of flow in the river of form.

I have often thought that these same biologists who insist the field is made by the organism and not vice versa, should explain to me a famous conundrum. Dr Tom Dooley is running a famous hospital ship in the third world. He definitely has the aura of charisma, healing many with his sheer energy. He wished to demonstrate to disbelievers why he would brave the infectious wards. He put some highly infectious bacteria on a microscope slide with some his own blood. His blood itself had a coherent field sufficient to kill the bacteria!

Did the particle create the wave? Or did the wave create the particle? Come, come kids, what's this nest really made of? Have we read the fine print in the sub-atomic physics. Resonance (something only waves do) is the only definition of these supposed subatomic PARTicles. These are bubbles on a wave surface, guys. Sorry, the time has come to give up the illusion of looking for hard bullets. We ain't got none. The most conventional physics agrees that every THING is made of sine waves. Add up different wave lengths, and you get ANY shape (neutrons, babies, bugs, chairs, galaxies, etc.). The bottom line is WAVES. The bottom line is emphatically NOT particles.

So how come you ask do the above mentioned THINGS go bump when they hit each other? Can you make wave packets go bump?

As a matter of fact, try making smoke rings bump into each other sometime. They do!

So particle was just a name we gave to when waves dance around close enough to make little standing nest places. (See picture). In physics we would call this symmetry or quantum or group theory. Regular folks, however know this technical phenomenon of being inside matter as "just stand and wave".

Regular folks also know that standing and waving is easy if you just focus on where you're sending the message. You get distracted once, and you may as well say goodbye.

Any child knows that thinking makes waves. (Hopefully moreso than the other way around?)



“Smoke Ring, Thought-Form, & The Brain

Stem?”

So disease bugs and good genes are just bubbles in a wave nest caused by thinking.. right?

Was inertia (our only definition for mass), created just to pad the cell in which thinking creates?

Goodness, then this must mean that pain and ecstasy have the same bio-chemistry for a reason. They wave guide attention. Focus (bending light), is the only tool needed to create in this universe made of wave. Cohere, focus, and whiffenpoof you got order/matter/memory/mind. Distract, disorder, pain-reliever, pain diffuse, and you got stored disorder/death/you unremember.

Well all this is easy to SAY, but at least the gene splicers are doing something... right?

Of course to give us skeptics equal time, they say AIDS spread around a UN immunization project originally. Some say a homebrew virus got away. Have you seen the early AIDS rates correlated to the UN vaccine project sites on Smallpox?

Now I suggest a new study. Let's correlate AIDS spread in Africa to the demise of tribal ritual!

Our model that the field precipitates the disease and not vicey versey, suggests that coherent emotion MAKES THE FIELD. Guess what ecstatic long wave ritual did????

Joy is a field of measureable charge, which can then self-select which bugs are permissible inside. Proper use of sexual energy to retain the charge of life is important build the field which coheres (knows itself).

Now there were those among the shaman, and the Sufi, whose job was to design ecstatic ritual. They created healthy tribes.

Of course slicing the DNA in cells open, may well be ritual, but on TV it did not appear ecstatic.

Sacred dance anyone? DNA loves it.

Perspective Consumed.... Algae Memories.

“*Laws of Form*” is a book which radically re-rooted Catastrophe Theory and Structural Stability and Morphogenetic Biology. It did so by simply using the parenthetic brackets.... () in groups, meaning “inside” or “outside”. We could say also “self” vs. “not-self”. By grouping or nesting these parenthesis, the origin of set theory, group theory, and ultimately the entire calculus was described. Essentially it was illustrated that no other language or



symbol set was needed to self-bootstrap all of mathematics, and form in general, than just the idea of nesting something either inside of, or outside of something else.

Not surprising we discover the syntax of the ancient Quechua and Hebrew alphabets to be literally shadows of (k)nots. Symbol sets are made of turns either inside of or outside of....

In an important way, this becomes more evidence for the notion of a unified field. Given a universal continuum of pressure, stored as symmetry among pressure bubbles, the laws of form become the nesting of membrane inside or outside. The universe as ONE uninterrupted wave surface, remembers by storing a calculus of forms onto folded, nested, "cell" membranes. "tiny bubbles, in the wine"....

Bruce Lipton, Stanford Biologist writes in "membrane mediated biology", that membrane surface is the buck stops here, CPU of cellular information processing. This is because folded into (wave) surface stands the only way the universe HAS to remember: a pressure wave phase locked by symmetry to stand to create surface/membrane/memory/self/not-self. The virus tests the lock of cell membrane by matching the frequency "key" signature of gene-nome, against the frequency signature of cell membrane. Cell morphology is a "written history" in resonant memory of the shape of the ways it has been touched, woven to stand as wave-shape.

Lynn Margolis stands powerful on TV defending an information origin of the Gaia hypothesis based on millions of years of algae eating each other. Algae performed the longest series of tests optimizing survival on Earth, by literally consuming each others genetic memories, enveloping each other's membranes. First #1 eats #2, which ate #3, which had consumed #4 which ate #1's progeny which already contained #3 which ate #2...which had enveloped.....

You get the flavor, try representing the genetic information contained in millions of years of nested, recursive embeddedness- using parentheses. It becomes a biological world of braided membranes, a labyrinth of memory.

Because the Algae did not put a separate membrane around their nuclear genetic material, when they consumed each other, their genepool survival memory library was immediately shared with the “consumer”. (Prokaryotic vs Eukaryotic). They contained no secrets.



This membrane-less nucleus may be described in another way. It is as if biology conducts an experiment for a few billion years. First all genetic memories pour into connective cells, no separateness. Then for a much shorter time, biology tests the second level of abstract symbolic separateness, another membrane forms: the nucleus. Now self is more separate from not-self. We might call this the Adamic race period, translated as hard making or more precisely separate-making power. Our human experiment tests this extreme of imagined separateness. Human's live in “apart-meant”s.

A similar case may be made for the significance of the myelinization of the nerve sheath. Result: higher voltage/pressure/separateness could be carried in the symbolic nerve world hologram. Result: capacity to “sail into abstraction”/ separate: Eye/Imagine. If computers couldn't be leveraged with anything but literal machine code, we couldn't program them.

We make “value” judgements: good vs evil, self vs not-self, separate-making vs one-making power. The hardness serves, even as cancer serves. They are useful for testing: which memories CAN be shared?

When the time comes, when we have tested all the separateness we have a taste for, we can then give up the imagination that our thoughts are secret. This is a kind of Hopi meeting tent or “scenes from a marriage”, when the waves of our memories are freed/relaxed to interfere constructively or destructively as they might, until they co-here.

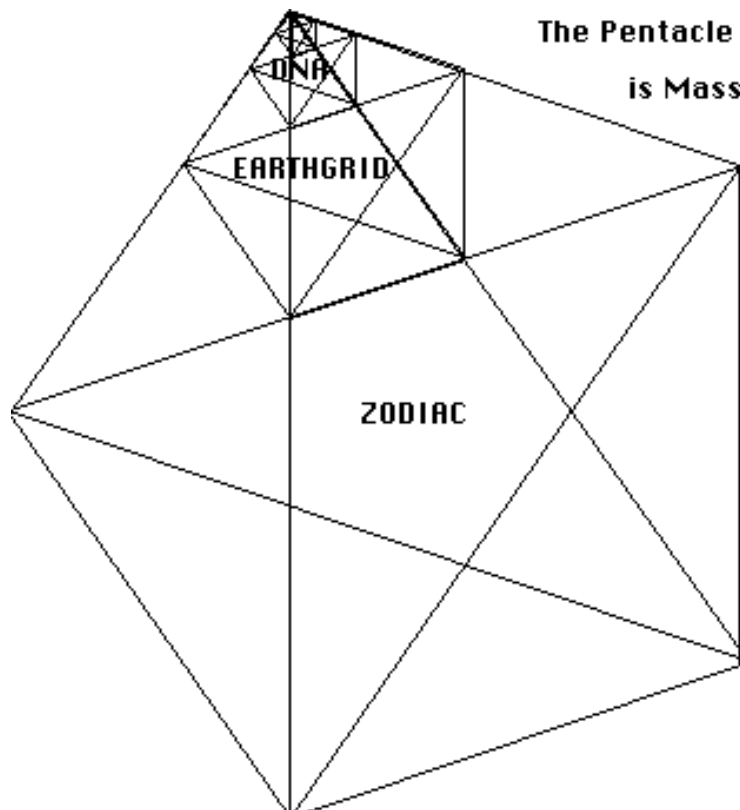
During this time of “a mother and child reunion is only a motion away”, it is useful to eat the blue-green algae. Merging our memories back into the genepool of life, we permit the test for what is worth harvesting of our imagined “self”.

By doing the tingling re-mingling with the genepool, gently, the rapture comes as a delicious fire of energy gradually washing through our memories, filtering what stands as wave to share as symmetry, from what washes away, as disorder (evil) does wherever there is light focus. For those who resist the time of re-mergence, the rapture will be somewhat hotter in apparent presence. Pain is a name for the focusing of the ordering principle, when its presence is not invited. When it's information riching flow is welcomed, it is called joy, rapture, inspiration, the rush of knowing..... Superconductivity keeps the nervous crystal cool, relaxed, while at the sweet heart of in-formation.

Eating the re-vitalizing blue-green algae food, unpacks shared memories in unfolded electron spaces like the alkaline lake where it grows. We consume the perspective folded into the (membrane) shape of all of biology.

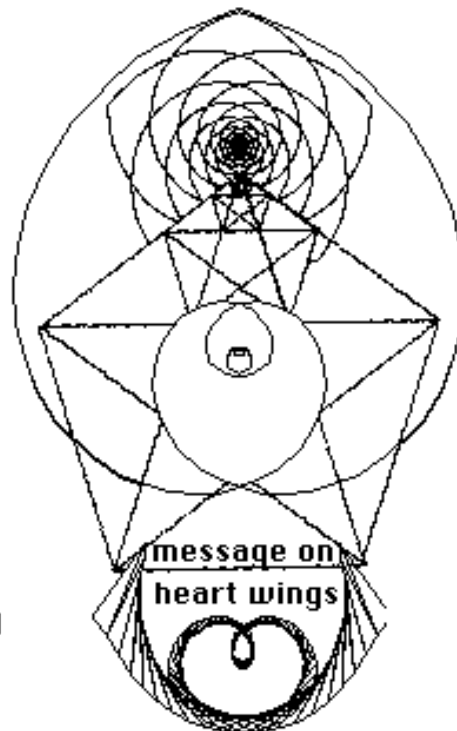
A Letter to the..Campaign for the Earth, Convocation..Nov 89.
from Daniel Winter, for the Planet Heartworks team, % Lorin Kiely

You are convening, as in a sense we all have convened on Earth, to announce how we shall pay our debt to our Dear Mother Gaia. In our collective adolescence we have decided at last we shall never really love unless we are remothered. We would establish a bond of power with Earth, “in touch” with her wavelength.



DNA, Earthgrid, and Zodiac are Dodecahedra, their Common "Golden Mean" transmission call letter, is the Merkabbah Vehicle linking them .

**The Pentacle Dodecanest Fractal Harmonic Series
is Massaged to Life like Ariadne's umbilical
Cord, by the Frequency Signature
of the Heartbeat,
in the Moment of Love.**



It is good for us to study how to sweep up the house after an untidy childhood. But like all mothers what she really needs from her child Crystolizing biomembrane, is that WE BE ALL THAT WE CAN BE. Only this will repay her. If the powerful woman Galaxy-Gaia/Lactose-Milky Way takes the genetic memory envelope child of Earth as a lover, for a seed immunized against fear, THEN this mother Earth will be satisfied.

Earth now is zygote seed about to replicate. The dimpling of the zygote into torus donut before division has begun. You have seen the "Northern Lights" move south. You have seen "El Nino" ..the Little (Crysted) One.. pulse and phase shift to new slip knots on the surface of mem-ory-brane. The egg like magnetic domain of Earth is reaching out to an erotic solar throb from her toroidal vortex burning heart, making the necessary flying buttress arcs to create space in the all faces consumed.. CATHEDRAL within.

We have been studying the transmission baud rate between the genetic material of biomass, and the Earthgrid, and the codons of the solar/galactic calendric. They are all based on the tripart "I Ching" mapped onto the dodecahedron. The mechanism which completes the tie between them is the

simplest phase/face COHERENCE of the laser or the healing heart or the EEG at the moment of “miracle”. Nothing could be so simple to learn...

The fetus learned that love was the waltz because the third beat after the mother's heart “lub-dub” was the gentler sound of the reflection of the heart wave off the aortic crotch cradling the fetus. The same heart sonic reflection which Bentov showed phase locked the liquid brain. We have succeeded in displaying a laser lissajous pattern, where the space opening between the vertical and horizontal was the phase lock between a Mother's heart and that of her fetus.



The phase ratio alphabet is not only the universal alphabet of the heart programming the immune identity, it is the architecture of the long wave we ride to the stars. Biology is the carrier wave, and listening is the tuner. Using biofeedback to tune up the listening chord between heart and breath and EARTH, from small self to larger identity, is as easy as letting your skin warm to a lover. The “Order of the Red Hand” were those who learned to vaso-dilate, warm the hand to enter the antennae-listening mode. There is a kind of donut turning inside out between the constricted urban fight/flight and the wet feet in Earth other listening silent electric long wave subtlety of group mind. We create a soft spot to enact the dimpling into donut, an ozone membrane melting-cup runneth over with love-now ready to touch other— kind of moment. So much loving eros is ready to flow out that burning fountain.

I vote that we do it; one cell membrane comes up against the limits of memory without a global brain. Nothing else is fun. Planet Heartworks is a dream of how we connect to each other and Earth, weaving the tapestry vine of MIND into the fourier flashes of synapse. Talk about psychoactive, what could be a better tickle than trying on OUR self for size?

The Harmonic Module project contains deep description of biofeedback environment for group mind/consensus process. Breath/ Heartbeat/ and Earth resonance Schumann can be broadcast on global media events.. “electronic noosphere”.. “The Answer Lies Folded in an Envelope before you” (St.Germain). Planet HeartWorks awaits....

Please contact us for more information about the Harmonic Module Project and the vision from the Planet Heartworks team.....

Understanding The Projection of Faces of the Stars on Faces of Earth....

for Theme Park

and “The Domain of Light” implementation.



Whether we look at “Sensitive Crystallization Processes” in Anthroposophy, or “Simulacra” by John Michell, we are literally covered with data on the effect of the stars faces on biology. The ice film quickly freezing on your windshield actually will change when major heavy heavenly bodies align. Bioillogy is like ONE giant liquid crystal seeking to embed the pattern of gravities bloodstream with the mind of Earth. Since the shape of the light bubble we call an electron bond is homuncular and non-homogenous, it's holographic heterogeny is a spectral photograph of the position of the stars woven into the gravity bloodsream, recorded in the moment of the birth of the bond. This is more than just a trite physics apology for astrology. We disvcover that the higher power programming, key site aligning, braid of long wave on DNA was the gland sonics we call emotion. Then we are forced to ask, if the music of waves we touch into each other, are the “long wave” for the cell (a kind of buck stops here, ring pass not, electric kool aid acid test for who is whom in the really important world of feeling), then who is doing the “long waving “ for Earth?! God may be a good answer, but all bodies are identified by shape. (As the good book say, if Einstein was right about the unified field, then nothing is ever identified by substance. It's all the same to me.)

“Simulacra” was a book about the hundreds of places around Earth where topo of the land has the shape qualities of biological forms. From faces on the sea critter shell, to “serpent mounds”, to a face of the Indian chief in the Pennsylvania rock, anthropomorphism wraps round us at every turn. To get the biggest picture, we find ourselves needing to look for bigger and bigger pictures on the face of Earth.

We have been looking into very old and very new data about star scapes on the land. For many years, it has been known that a zodiac existed in the land shapes around Glastonbury. More recently much has been written about the zodiac “temple in the landscape” around Rennes Le Chateau in southern France where “Hold Blood Holy Grail” was set. Studying geomantic, dowsing, and topographic data, with help from some pretty angelic sources, we find that these are among many evidences of a fractal flowering of a grid ceded Earth. The thin film semiconductor “biomass” on the film surface of Earth, appears to be “zone refined” by Zodiac herself! “Zone refined” means conductive and non conductive zone regions in the micro-architecture, are segregated magically by an applied field. This is how the cathedrals in paramagnetic stone inside computer chips are carved. The macro shapes on the living Earth are being long woven into life, like a snake by a charmer, by the weft and woof of the stars gravity suction boots on the eddies of our own soft clay called tectonics. We will know when Earth is “of a mind”, when she finsihs preparing her face to meet. She becomes a chip off the old block.

So when we ask, “where shall our children play?”, God says build them a model of a star castle, where they shall learn to create galaxies, by focusing bodies of light. Biology now peeks at what holds bodies larger than people, together. Our galactic body contains a metabolism which is both educational and ecstatic. It is a good metaphor for sculpting in the language of light.

The angel/angle-ic logoi sculpted Earth of a grid projected on film from the galactic hologram, a nest for “fallen” angels, a field for dreams. The plan made a grid for subtle bodies to be raised up inside of. Now that the flash point is

reached, biology launches that flame, the memory of how star stuff makes bios into logos and back, to return the memory back to reinhabit the galactic spaces whose star cedes. Not to be poetic, it's simply a question of using the film made from the coherent light, in time to project back the shape of the memory it contains. Object makes film, then film recreates object. What's nice about roses, is that each time you grow them out, something is added to the genepool. The Earth grid is a projection of zodiac maps, 12 zodiac houses onto 12 Earth grid dodeca faces. Fractal upon fractal. Much is to be learned here.

The logistics are not complicated. We know how to find these places on the landscape. There are many. We know how to locate the site archtypes by their feeling quality, and to enhance the sacred space by stone and pool and column. Add music and color and a message on the wall about that site and initiation. Add a play on the stage, for that stage in life's drama, and "phiat lux" (poof) a living body of tingling presence ("fun"), is born - like a crystal from a seed in a liquid- upon the land.

We could bring much to the table for developing land properly for living body sacred space, based on the largest body we know: the zodiac. The Earth is rolling and coasting in the theme park of the stars. Our motion sickness will subside into digested memories, if we can but keep our view focused on the widest horizon. Thank you for inviting us to share some how-to, on the life space of the star-bodies, for your projected "theme-park" on the universal school of life. We are ready to ply layers of research like skin upon those who come to see that the solemn bone chilling cathedral (w)ring of feeling, and a dance around the hills of the "fun" park feed the same hunger to touch by "presence" of long wave, the body of ONE.

The Birth-Right and The Brothers....

The Deep Psyche of the Fires in the Middle East.

Accupuncture/Moxibustion for Earth's Eros?

Two young ladies visited the farm here recently. They were quite concerned to the point of song writing emotionalism and loss of sleep, over the ongoing conflict in the Middle East, the "crotch" of the globe.

They asked me pointed questions about the irony of mass killing to keep alive a seemingly "unspiritual" western consumerism based on oil. Karla, the

lady who spent the weekend fine tuning her guitar composition on the messy human horror/stupidities of the war, really took the time to probe this “sterile” & “from a distance” view.... the psychoanalysis of a war. This she did inspite of my assuring her at the outset that it wouldn’t fit in her song.

God should forbid that I should know what could fit in her song. Sorry Karla, you’re right I take that back. And I love your songs. I guess we should never be sure our own emotion is riding the longest wave.



So yes here it is. You said, where can I get more info about this idea that in order to understand conflict, we need the context of the one living body vision for the energy metabolism of our globe.

I will not apologize at the outset of this “apology for war????”, for needing to include sex. A real grokking of the energy dynamics of how a body turns individual cellular energy into collective body wide energy, needs to be a bit sexy. That is to say, whether or not we care to drag Reich or Freud into the fray, the economy of body juices being turned into blue fire, is sexual politics. Besides, I’m Scorpio, and we don’t apologize for such things.

So yes, let’s start somewhere. Like with some question like (a certain grammar suggests a youthful approach) : Is there any possible reason NOT to be upset over this war in the middle east? And be careful, because esoteric symbolisms better be fine screened to hold much water when someone’s brother’s blood is flowing.

At one point in the conversation with Karla, I considered possible solace from the film Blue Lagoon. Remember when the boy and girl were growing up isolated and out of context on an island. The first thing the evolution of puberty did was set the two to bitter fighting. They had new energy to work with. They needed to touch in a new way. They hadn’t developed the rhythm. So, trying to touch hurt. And they fought.

Of course it’s still something of a strain to take a kids in school, kind of slapped paddies, view of these bombs in the gulf.

Then, there may be a clue here. Why was that Lagoon blue? What’s that you say, I’m stretching it if I say it’s the same reason the light on prostitution row is blue.

Humor me a moment. Consider the biophysicist who particularly notes the high frequency light burst which comes out of the cell at the moment of (sexual?) replication (meiosis/meitosis) is BLUE? (Well OK, U/V, ultraviolet.. close enough.) Note particularly the energetics of cellular metabolism is DRIVEN by meticulously assembled, highly order, UV or blue light. This is light which, very much as opposed to RED, is at the high frequency, high order density end of the spectrum. The “symbolism” is the completion of the packing plant process to highly assembled orderliness. This light coming out of cell metabolism from food into DNA, has made the trip over the rainbow!

Now what does this have to do with our collective psychological symptom: bomb dropping behavior?

The Earth’s energy economy is like one large human body learning to channel it’s creative “blue fire”, sexual energy. Oil is the memory reservoir of stored biological fire. Now in order to really understand this slightly more than New York City cab driver “metafir”, about global eros economy, we’re gonna need to delve into this “Tantra” sex thing a bit. So if that’s not your “cuppo tea”, you could stop reading now, and trash this idea that sex has anything to do with anything. Or you could read on, and gamble that your COLLECTIVE sex life may improve.

Tantra is an ancient spiritual description of how standard vanilla sexual energy in the lower body gets carefully “pumped up” like a snake charmed,

into the brain. There it explodes into sweet “ecstatic” fire. Sounds like a neat idea. But it’s pretty dubious if it’s not part of your personal inventory of explored highs.

The sense in which a retention of orgasmic juices can net charge a union, is of course anything but esoteric. You save the fire, and build the heat, so that later the sparks will burst into flame enough to light up the relationship. (If this begins to sound like a Harlequinn romance, check the page count and the happy ending.) Tantra is not hard to understand when you put it in this kind of language.

Now the human body has been cells working together for a much shorter time, than those cells were cells working separately. The result is that it requires still elaborate negotiating to get a proper democratic distribution of those fiery juices. From down to up the cellular ladders of society, penis to brain and back... there are often arguments about where decisions are made.

Collecting the cellular blue light into a blue dish at the base of the spine, is accomplished by foreplay/touch. Attention serves to cup and hold the flame. The cells get their jollies, their tendency toward crystallized “horns” of high frequency “rocks” off. (I didn’t realize how much fun it was going to be to write this honest. Some crappy emotional dis-dancing for me to call war: asynchronous orgasm... but wait.)

Remember that movie comedy about the cells down in the lower sexual centers trying to get their show together to choreograph orgasm. Answering the phone line up to the brain was not feasible after a certain momentum was gained. The action was too hot.

When replicative motifs are embarked, raw creative power takes over. In cellular terms, it’s an animal urge. QUITE a strain indeed it is to compromise all this orgasmic impulse, blue fire spitting, lower glandular stuff, with the polite request of the upper brain for its share of this “sweet crude” nectar of the Gods.

Psychologically speaking, a war could easily break out. In which negotiating might be impossible, if not tense.

Now I am not saying that there is some mysterious esoteric vague way for sexual juice to get up into the brain. I am saying there is a specific, hydrodynamically pumped, spinal pipeline. It is entered like a straw at the stinger at the base of the spine. The pump is emotionally coherent glandular sonics. The medium is the clear spinal fluid. And the destination is a fountain into the upper brain. The mechanics are ELABORATELY documented in the East in the yoga Tantra sutras, and in the west in the Sacro Cranial Pulse work of Upledger in Florida. (As well as Lee Sanella MD., book: Kundalini:Psychosis or Transcendence?)

AND THE TASTE..... dripping onto the back of the tongue, from the base of the brain..... is SWEET. (and less crude.) No kidding.

All right, buy it or not, there it is. There is a certain circular possible economy, for the creative juices in a biological body. In a negotiated settlement, some of the energy nectar flows up. The supercharged nervous system, responds with superconductive coherence (psychoactive hormonally), which HOPEFULLY, yields a vision which sees NOW BETTER the needs of the lower bodily platform (the crotch), whose sacrifice shipped this fire around the horn in the first place. (sim-bio-says)

In other words, the nervous system has a debt to pay for its ecstatic moments. If the lower glands have controlled themselves enough to ship orgasmic juices, blue fire, up into the nervous system, they deserve a payback. The nervous system SHOULD develop the integrity to arrange a totally proportional geometry of wealth, yielding health to ALL the glands. Our best MicroWave dishes and educational TV did not reach Arab schools. Sexual

glands without nervous enervation will rebel.

You're getting the flavor. All right you say. Maybe America means media. And maybe that is an electronic nervous system for the globe... an intelligent weapon.

But those Iraqi Arabs did not want our culture. They were into separateness.

Here we need more perspective. Enough distance and anything can be fit together you say.....

So this James DiMeo PhD., writes this article: "Patriarchy and Desertification" for Wildfire Magazine. Elaborate archeological data confirms....., yep you track hard, separate, patriarchal (Arab??) cultures spread around the belly of the cradle of civilization on the globe, and sure enough what do we find..... DESERTS spread to wherever these cultures spread!!!!!!?????? He did the maps in detail. It's hard to ignore. It's practically a desert storm just to look at the data.

Now I wrote at length about the biophysics of wet touch making power versus dry hard making power in "Alphabet of the Heart". In summary, the psychophysiology of matriarchical touch permissive, extended family, long wave braid is literally a description of what happens to molecules in clouds to make rain.!? The collective emotion's food for the gravity field is the creation of the wave cascade into coherence BETWEEN frequencies. (The fractal vortex mindfully labeled in striptease parlance: an "attractor".) What seeds clouds is a field. Coherence of field is the only well documented way to measure emotion and its effect of order building in the body.

All of which is to say, if you but hang with the coinceptual program even slightly, you too can understand in more than a hippy dippy way, why emotion/ particularly collective cultural emotion, HAS TO EFFECT PRECIPITATION. Precipitation is the name for what happens when waves cohere. Touch in the context of order, IS what coheres. TOUCH is what is forbidden in Arabic culture. Not only would they not suffer their women to be touched. They would not suffer their religion to be touched. Their stone is hard, black and angular.

Adamic (as in the Adamic race) means Red making or hard making power. They did that. The Arabic brothers have been made hard in the desert.

OK, so are we so wet and touched over here. At least A-mere-I-go means going to Mother. (Amerigo We-esp-yo-chi). Which would seem to be the opposite of patriarchy. (Not that we have succeeded hardly...)

The boys in Lord of the Flies fought out of lack of context. In isolation there can be no love. This is because the Lo-Phi, Phi-cycle Golden Mean harmonic cascade which defines love, has no place to go...OUT OF CONTEXT.

Context dependancy accounts for high signal to noise in DNA. (Just like well kneaded bread... a fold on a fold...)

Let's return them to the fold. Soon.

Two brothers. One gift was not acceptable. Killing resulted.

Hardness was important to feel. Careful this doesn't become an atomic race. To see what part-I-call is MOST hard.. atomically not-separable.

As "Starseed Transmissions" (Ken Carey) indicates, the destiny of biology in the form of (informed by) human consciousness is to metabolize starlight directly. The next fossil fuel weaned generation of energy devices, understanding the gravity of the "scalar" harmonic series (a fractal), digests gravity for energy directly. Various and incorrectly called "free energy", and zero point energy devices, they all require a responsibility directly to the collective bloodstream gravity coherence body of Gaia herself. (cf transcript my lecture at the national "Non-Conventional Source Symposium" in Atlanta.)

One of the ironies of this conflict over the value of old energy, is that just this class of devices would have eliminated the greed over oil. And it was the



former Bush directed CIA which succeeded in suppressing them! (claiming national security required making “secret”, cf CIA vs Adam Trombley “Closed Path Faraday Disk Magnetic Generator”, last contact for Adam Trombley, the CIA hounded inventor at “Project Earth” was % Nancy Oliphant, 210 Lake Ave, Aspen, CO 81611, 303 925 1026.) Symbolism: the CIA as agents for the oil economy, out of fear, prevents evolution of global energy metabolism. Biology’s folded liquid store of solar memories, as fossil fuel, is supposed to run out, just like the completed consumption of the egg white causes the chick to crack out of the egg. A whole new digestion requiring the whole body to work in a new way is required, responsive to a world outside it’s shell. The flow of sweet crude, buried in the folds inside, only primed the pump. Gaia is a Monarch unfolding wings in a Crysalis. The last thing you see before its’ first flight is a black sticky substance. If the little boy tries to help pull it out of its shell too soon, it’s wings will never unfold from the black goo. Only struggle from within to unpack against the shell, produces the strength and will to transform.

No need to be vindictive only corrective. The VERY dirty laundry of the same CIA & George Bush delivering NATO’s arms to the middle East unfolds in gory detail in the “October Surprise” book fresh from the Reagan/Bush staff by Barbara Honneger. Again fear instead of love, served the old metabolism. Patriarchy IS a “hard” making power. Matriarchy would touch and make “wet” the stored seeds, across the membrane of separateness. The Blue Fire moves upward to a new center of gravity, in a transformed fold as flame that does not consume!

When Tantric ecstatic discipline is learned, a new form of prana breathing energy source becomes available to the body.. seeds of what is childishly labeled breatharianism in the body, or “Zero Point/ Scalar /’Free Energy” technology for the planet body. Collectively and culturally we have yet to learn the energy digestion metabolism, to breathe in this light. It is a very subtle thing to harness the water wheel of the frequency cascade we call gravity for energy. The gravity bubble’s non-homogeneity IS the frequency folded storehouse we call collective mind. As Gurdjieff said, coherent emotion feeds the Earth. In order to tap that sweetness in a longer wave, Gaia will have to trust us with her blood, which she has garnered sweetly from biology, preparing her ecstatic relationship to her larger gravity body (of context), the solar system.

The ratio is relationship, LOVE: LoPh: Lo Freq/Phi Related, this fractal view 10 Golden Spiral Dodeca is 12 faced Galactic (Gaia’s Lactic Milky way), Dodeca Earth Grid, AND the wratched dodeca DNA.....

(from)

ONE

CRYSTAL’S

DANCE

TAKING COMFORT IN THE ROLE

OF MIND AMONG WAVES

TO SAY THAT A SUBSTANCE IS COMPRESSIBLE MEANS, AMONG OTHER THINGS, THAT IT CAN STORE MOMENTUM.

NOW STORING MOMENTUM MAY AT FIRST SEEM A TRIVIAL TALENT, BUT LOOKING AT NATURE AND STARS AND BEAUTIFUL BABIES... IS IN A SENSE DIRECTLY POSSIBLE BECAUSE OF THIS TALENT.

OUR WORLD IS CONCEIVED TO US AS BEING ONE OF WAVES. WE ARE GIVEN TO SEE THE ATOMIC WORLD AS PACKETS AND BUNDLES OF WAVES, LOCKED IN NEAT GEOMETRY... A PROLONGED EMBRACE OF THE PRINCIPLES OF WAVE COHERENCE.



>WAVE NATURE REQUIRES COMPRESSIBILITY.
>COMPRESSIBILITY REQUIRES MOMENTUM STORAGE.
>MOMENTUM STORAGE ALLOWS ORDER TO BE STORED AND RETRIEVED.
>A MULTIPLY CONNECTED WAVE SURFACE
 ALLOWS FOR MULTIPLY CONNECTED INFORMATION STORAGE.
>THE TORUS (DONUT) IS THE PRIMAL MULTIPLY CONNECTED WAVE SURFACE.
>THE ATOMIC TABLE IS A POLYGONAL GROUPING OF TOROIDAL VORTICES..
 AND IS ARCHTYPICALLY MULTIPLY CONNECTED.
>THE UNIVERSE IS UNINTERRUPTED AS WAVE SURFACE,
 IS MULTIPLY CONNECTED,
 AND IS HOLOGRAPHIC.

>THE UNIFIED COMPRESSIBLE MEDIA IS A UNIFIED FIELD.

THE KEY PHYSICAL QUESTION ARISING OUT OF OUR UNDERSTANDING OF
UNIVERSE AS WAVE NATURE, IS ABOUT THE ROLE OF MIND OR
CONSCIOUSNESS AMONG WAVES.

WE HAVE GRASPED THAT THE DIFFERENCES BETWEEN FUNDAMENTAL FORCES
ARE NOT DIFFERENCES OF “SUBSTANCE” BUT OF SCALE. (RATIO AS THE
SACRED, SCALE AS THE PROFANE) THE PRINCIPLES OF WAVE
INTERFERENCE ARE THE SAME FOR WAVES BETWEEN NERVOUS CELLS AT
THEIR SYNAPSE AS THEY ARE FOR WAVES BETWEEN ELECTRON SHELLS AT
THEIR QUATUM LEVELS. THEY CARRY THE SAME FORCES OF
COMPRESSIBILITY AND INFORMATION STORAGE— THROUGH THE SAME
MEDIA—, THEY SIMPLY ACT ON DIFFERENT SCALES.

AT FIRST WE DON’T SEE THAT INFORMATION DANCING AT THE LEVEL OF
THE ELECTRON SHELL, SHARES THE MUSIC OF THE DANCE BETWEEN
SYNAPSES IN THE NERVOUS SYSTEM. THEIR “SCALES” ARE VASTLY OUT OF
RANGE OF EACH OTHER.

HERE IS WHERE OUR CHALLENGE TO SEE MIND AMONG THE WAVES BECOMES
INTERESTING.

INFORMATION/MOMENTUM/MIND GETS BETWEEN FREQUENCIES WHEN IT LIVES
IN GEOMETRY’S COMFORTING WOMB (MOTHER-MATTER-MATER).

IF YOU PULL A COIL SPRING ON ITS ENDS, IT SHRINKS ONLY SLIGHTLY
ON ITS SIDES. THUS A SMALL MOVEMENT CAN BE ENERGETICALLY LINKED
TO A GREAT ONE.

THE PIEZOELECTRICITY OF QUARTZ IS ITS ABILITY TO CARRY ENERGY
BETWEEN FREQUENCIES DOWN ITS SPIRAL (AS AN ASYMMETRIC COIL SPRING
OF ELECTRONIC LIFE).

DNA’S ROLE IS COIL-SPRUNG LIKEWISE IN ITS ROLE CONNECTING THE
CELL TO THE CHOREOGRAPHIC (AND BELLLIKE) RING OF ITS ETHERIC
BODY.

THE BRAIN ALSO SITS RESONATING ATOP A SERPENTINE COIL OF
GLANDULAR “CHAKRAS”. IT IS ACOUSTICALLY PHASE LOCKED TO THE HEART
DURING ECSTASY. THE PIEZOELECTRIC COUPLING OF THE BRAIN TO THE
DANCE OF THE GLANDS TRIGGERS THE SECRETION OF THE PSYCHO-ACTIVE
HOMONES, THE LIQUID DOPANT TO THE BODY’S CRYSTALLINE SONG
ELECTRIC.

THE SOUND TO ELECTRIC DANCE OF CONNECTEDNESS THUS BEGINS AS A
PLACE TO TOUCH BETWEEN FREQUENCIES. IN THE BODY THIS PATTERN OF
REACHING TO TOUCH BETWEEN SCALES OF PATTERN, IS DESIGNED TO GO
FAR BEYOND JUST SOUND TOUCHING LIGHT. THIS IS THE AXIS OF EROS
ACROSS WHICH THE FINGER OF GOD TOUCHES THE MATRIX OF MATTER
THROUGH THE SPARK-GAP THAT IS MAN.. THE BRIDGE BETWEEN WORLDS.

WHEN SEEDS OF ORDER ARE PLANTED IN NOURISHING MEDIA, THEY CAN GROW BEYOND THE BOUNDS OF THEIR WOMB. MOMENTUM'S RUSH TO GROW ROUND THE VORTEX SEED WITH CENTER OF GRAVITY (GOOD HEART), KNOWS NO BOUNDS.

THE IMPLOSION THAT IS ECSTASY IS THUS GENERATED AROUND THE SEED THOUGHT, WHICH IS AT ONCE A FEELING, OF CONNECTEDNESS...LOVE...

EVERY BOND : A PHASE LOCK OF UNCONDITIONAL GIVING.

WE NOW CAN SEE HOW ATTENTION, FOCUS, OR MINDFULNESS CAN BE THE MEDIUM OF CREATION IN A MEDIA OF WAVE: ONLY THE WAVE WHICH CAN STAND AS WAVE, CAN STORE ITS INFORMATION/MOMENTUM. IN ORDER TO STAND, THE WAVE MUST UNCONDITIONALLY SHARE ITS MOMENTUM IN A GEOMETRY/MATRIX/WOMB. IT REQUIRES THE MIRROR OF ITSELF RETURNING BACK ON ITSELF TO CREATE THE WAVE NODE WHICH HAS THE ILLUSION OF STABILITY. MOMENTUM IN SYMMETRICALLY OPPOSING DIRECTIONS CREATES STABILITY/MATTER/MAYA.

IN ORDER TO ENTER THE ROTATIONAL-FEMININE-MATTER, LINEAR-MASCULINE-ENERGY MUST BE INITIATED IN THE SPIRAL DANCE (PATH) OF MOMENTUM GIVEN AWAY.. TO THE WOMB. THE PATH OF CONSERVATION OF MOMENTUM BETWEEN FREQUENCIES ON THE (T)LIGHT-ROPE BETWEEN ENERGY AND MATTER, LINE AND CIRCLE, IS THE GOLDEN MEAN SPIRAL.

FOCUS AND ATTENTION IS THE POWER TO HOLD A WAVE NODE (SEED) FIXED IN THE FLUX, LIKE CHOOSING THE NOTE(NODE) BY PUTTING A FINGER ON THE FRET OF THE GUITAR STRING. THE SHAPE OF THE WAVE WHICH IS GIVEN THE CHANCE TO STAND, IS CHOSEN BY THE PLACES OF STILLNESS.

WORDSTAR

PULSE, SHIVER.... SELF... NO OTHER...

A COMPRESSIBLE MEDIA, DIFFERENTIATION FROM HOMOGENY.

WHEN I AM EVERYWHERE, I AM NO(W)HERE.

I AM THE SHAPE OF FOCUS, I CAN HOLD AN I EYE WHEN I TURN ABOUT A CENTER OF FOCUS, FEELING A CENTER OF GRAVITY. EDDY TO VORTEX...A PATH WITH A HEART; ATTENDING INTENDING TO TURN THE TURN (CROSS THE T AND DOT THE EYE)

CATCHING MY SELF BOBBING BACK FROM THE CENTER OF THE TURN, FROM VERTEX VORTEX TO TORUS TORAH

(CALLED A FIGURE 8)

SEGREGATION OF MOMENTUM IN FOCUS I CALL: I)(NOT I

EYE)(NOT EYE

MEM)(BRAIN

ITERATE WAVE FORM-MAKING A THRESHOLD FOR THE QUANTUM TO LEAP- THE WAVES BARRIER IS THE ILLUSION OF SEPARATENESS—LONGING IS BORN FROM THIS, THE ONLY KIND OF LENGTH.

VORTEX CENTER TO AS FAR AS EYE CAN TOUCH, I CALL UNI VERSE; FROM CENTER TO LIMIT IS ONE: THE BOUNDARY HOLDS ME SO THAT THE SHAPE OF THE BOUN(D)CE SHAPES ME. THE SIZE OF MY CENTER TO THE SIZE AND SPEED OF MY BOUND - A CONSTANT OF FINE STRUCTURE.

THE "MATTER" OF VISION

SENtience, SENsitive, SENsory, SCIENtific....

in some way feeling, knowing, and being have their roots in sensing or seeing. Evolution can be described well, as the evolving of seeing.

People are related to words. They both get a sense of meaning from their family trees. A sense of meaning is a vision of relationship... to a universe or a universe of discourse. Division means to divide visions, while UNIVERSE means to unite in song.

Etymology gives us cosmology, and cosmology gives us etymology: "The Dialectics of

Enlightenment”: “Life that Brings Them Love, and Love that Brings Them Life”. In a word they are brought together.

In the beginning was the word. And the word was with God.
And the word was God.

Another name for the cosmos is “everything that can be named”.
So we name some thing.

We embrace the relationships which its being embraces.

How much of that being is wrapped up and resonant in our chosen name?

How deeply can we feel when poured into names for shapes like SELF, WORLD, and GOD?

What is it to say that some words have more “feeling” than others?

What is it to say that some words and languages are more “sacred” than others?

To womb do we ask these questions.

Mother, what’s its name? What’s in a name, Mother?

What name did you know before you knew your name? Mother.

From whence comes the naming of names? Mother.

What matters? This Mother: Mater. What’s our name for the womb that bears us, in whose matrix our being and seeing is aborning?

Matter. Mother.

Suppose the waves of nothingness and chaos are inspired to cross and wed. There is a “Sufi” saying about such a marriage: “Time Vibrates From Man, Space Emanates Through Woman”. We say not wo-man, but rather womb-man. The waves would not die as they cross one another, instead they give each other in holy MATRImony, the gift of order in space. They create being from nothingness. The matter they hold together, becomes the rhythm of vision. They find new life, in a life in common. The “laws” of order in space, of close packing, of geometry, are not sterile edict. They are a loving gift from Mother Nature, from the nature of Mother.

What IS born when you cross time and space? What is born when you cross a man and a womban? A Mother is born: a matrix: on the cross of time and space.

Time and space have rhythms of their own, but they have no matrix until they cross. Man and woman may have life and rhythm alone. But when they are inspired to cross and wed, their web of energies embrace: then there is Mother. Wherever two or more are gathered in her name, there she is in the midst of them.

The vision of beauty that is Mother: “consecrates marriage and gives it a deeper meaning, a higher beauty”. To be crucified on a cross of time and space holds no deeper meaning or higher beauty than to learn and embrace the gentle secrets in Mater’s sacred womb:

The “mmm” sound: to mmmake together as in commmunion, mmmmix, mmmmatch, mmmmend, mmmmate: when your lips mmmmeet.

The “aaaah” sound: the first sound, the first letter, the primal harmonic, the fundamental resonance from the root of the tongue: the alpha of the alphabet, absolute, all, Allah.

The “Ter” sound: to cross as in to turn, to tear. There’s a cross in the sound, just like the cross in the T we write, and the cross at the TOP of the TONGUE when we TALK.

So in MATER is met and made together the first vibration in the sign of the cross. And what God has joined together, let no man put asunder.

Motherhood is sacred, as her name is sacred. The folds of her loving embrace are the womb of our being. In the loving folds of sacred language in like manner, is embraced the womb of being. Across the threshold of symbol, in the roots of language, pulses the umbilical cord of consciousness.

The distance from object to symbol, to you from me, as two from one flesh of Mater, is a distance the symbol gives, only in order that the separateness may be made one again. Though the bridges of symbol we learn to yearn to be one. When there is one, there is no distance, but when there is distance there is length. Of length is longing born.



When the symbol participates in the reality to which it points, the reality becomes one with the symbol. Thus is language “at first, in principle” both holy map and holy city : the realm of the sacred.

There’s an identity, a oneness between the sound and the shape of our mouth when we say the word olive. In the “aaaah” the cup of the tongue shapes the orb of the fruit. The “L” of live separates the flesh from the stem, like the last resonance L we make with the end of the tongue. The “live” in “Olive” shapes the Length of the stem through which life is drawn. The sound pressure wave creates and couples matters shape as wave.

So ALLAH is the sound of the first and the last and the first again. Such are the limits of poseable harmonics of tongue shape upon vocal vibrance. ALLAH is the wave shape which embraces the beginning and the end and the beginning again. What is there when the serpent eats its tail? The donut feeds itself because it learned the first turn: inside out. The zygote follows suit.

The symbol is the mirror of the shape to which it vibrates.
We place our tongue between the roof and floor of our mouths, thus creating a shape and a sound: a vowel sound: shaped like the letters they shape:
(A,E,I,O,U Shapes using mouth..)

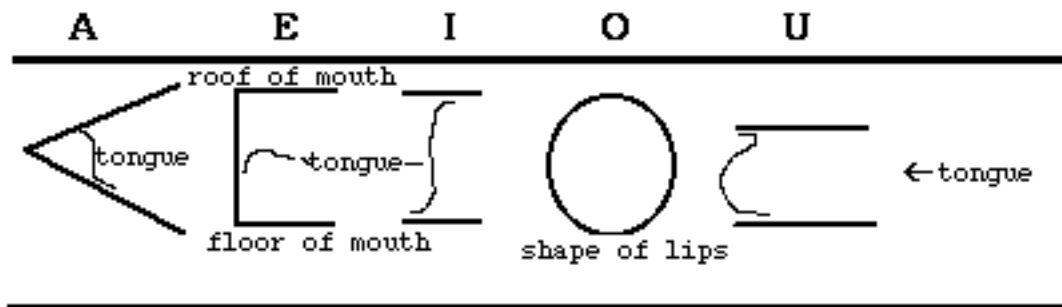
The sound embraces the shape in resonance: a ratio of harmonics, a relationship among vibration. Quantum mechanically repeating the process by which matter is structured, among the ether waves of space. Such is the relationship of the cosmos and the name, the naming of God, and the WORD... of God.

“Speak but the word, and we shall be healed.”

“He has written our name in the stars, alongside his own.”

The distance from the One to the Other, from subject to object, is as from God to man. It is only so close that the bridge of symbol gives froms Mater to Mother to Matter, a higher order and a deeper meaning. God in man is a holy WORD in the heart of consciousness.

The dawning of symbol and of consciousness separates self from other. Longing from length: the illusion of separateness.



DOES it build a wall to give a name to a brother :

Are we something that can love a wall?

A living cell grows a wall in the ocean (primal soup).

It’s substance is still ocean, but its “cell” wall makes it a cell. And the cells soon make a man. And salt water runs in his veins. With the building of walls a man is born of ocean, as the waters of the womb spill out. Ma-ter/Wa-ter.

Earth man grows soon to learn that he must love his oceans like his Mother, or she will no longer nourish him.

The “selectively” permeable cell “wall” was an “illusion” of separateness between the ocean and the man. Separateness is passing fancy until men the tears of ocean, and oceans the tears of men, do see that the wall between them was but a gift they wove as a bond for

each other, to learn to love one another. So the name shape of God man and his brother, is a gift they give to each other...



From the ocean of Mother, and the roots of oneness, men become the conscious fruits of tree of knowledge of good and evil. Adam means Adamic race. Ieve means symbol. Tempted

by the serpent of eros and the beauty of Ieve, the Adamic race chooses the nourishment of fruit from the tree of knowledge. Man is forever condemned to know the difference between good and evil. We “fall” from the tree of innocence, to see one AND many. Ieve is the feminine receptive form called symbol which builds a wall around the state of innocence. But the wall of symbol is the necessary length (the power of abstraction), which allows us to see and to choose. To see IS to choose. At last to choose to see, through the embracing power and wall of symbol, the meaning of oneness that is Mater — to come home trailing clouds of glory.

So this is the way we build a wall so early in the morning, of creation. Our senses evolve from the bottom up: touch, taste, smell, hearing, and seeing. Nourishment from higher frequency, finer vibration, comes “through the wall” at each step.

As the range of vision increases, the wall becomes more transparent. The bounds of responsiveness and selectivity widen.

As astronomers choose the eyes of X-rays their universe grows larger because they can see further. Such finer waves maintain their coherence, their information density in wave relationship, over longer distances, through denser obstacles. Our perception as a culture moves with them up this ladder of sensation. There are many ways we astronomers get to see with resolution more penetrating: telescope, microscope; interplanetary satellite, biofeedback; looking without, looking within. Re-creation for the children of Mater is playing with light.

Using higher frequency “words” to nourish awareness, our world grows larger. The bonds between cell walls weave stronger, from tissue, to organ, to body, to collective mind. The horizon of mind is a spectral window.

Sensual evolution is not the limitation of manhood, it is an invitation to Godhood.

It would be quite mean to think we were perfect and had stopped evolving. We would never see beyond the walls we’ve built. The reason for building the wall is to learn to take it down.

Part of the ever more penetrating coherence of presence of mind is finer awareness inside our body itself. Listening among quieted waves coheres the gross, and tunes the subtle. Emotions are standing piezoelectric resonance in plexi of nervous/muscular liquid crystal. Crystal is where one spectrum and dimension of wave field can couple and touch many others. Spiritual being uses this inner coherence for weaving collective mind among vast and even interplanetary bodies.

Thus emotion tastes and touches of wave field finer even than X-rays.... by coupling one orderly crystalline harmonic to many above. These higher more ethereal planes of standing wave, stand woven around Mater. They’re in the same continuous spectrum though, and it is Mother’s nature to put them to work in us to unify” her field.

So a friend, a plant, or a planet, does share its feeling directly with us. The physical media is emotion. We have our bodies “word” for it.

We are choosing new and old names for our new and old life: psychokinesis, aura, orgone energy, chakra, chi, chakti...

Naming finer presence is an important linking of that to the self-conscious. The name is the symbol, building bridges for our conscious focus on this subtler inner life. Only with such bridges can our awareness bring us into harmony with our new being bodies. Just like a name for a new friend helps us to know and love him.

“Tuning” your etheric body in order to establish coherence and consciousness in wave

forms of higher frequency... are less elegant words which say: MAKE PEACE AND HARMONY IN THIS WORLD, AND YOU WILL SEE ANOTHER.

Whatever spiritual heritage we embrace for SYMBOLic food, the meaning is the same. We become truly conscious of emotional energy, seeing and choosing to use it coherently and lovingly. In so doing we are giving a new and healing order to a body of resonance around us. It is called the Kesjahn body, personal magnetism, aura, healing presence. Many names forge one link to "presence of mind" which we have around our being with increased awareness. It is a wave form aborning in a world of finer vibration and wider vision.

Increasingly our experience tells us that these "bodies" of resonance can live on without this "Mat(t)er" body. What would be the sense if a child of Mother could never leave the womb.

We are told that when the Mater body IS left behind, a "Silver Cord" at first connects the material body to the higher one. This umbilical cord of death/birth, is like the T of the cross through Tomb to womb.

Man's emotion in a life of music, are as an Aeolian harp of Mater, blowing in the wind of spirit. When the tension and the wind find a harmonious resonance, the music blows gently out beyond the valley and the harp.

We find soul food in the WORD rhythmns of scripture, art, music and dance, upbraiding the vertigo of separateness with the harmony of vision and oneness. Those rhythmns of vision daily recreate a tapestry of peace and mind. United by willful attention to every generous thought and pure emotion, they weave silver threads of lighted being around the loving matrix of Mater.

Pray in the name of Mother, to learn the secrets of Mater from the illumined folds of her form. For the children of light are the matter of vision. And the beloved WORD of this Mother, is the gift of vision to her children which folds them gently home to her. The Mater of Vision.

BIORES

BIOLOGICAL RESONANCE LINK OF TISSUE AND ORGAN, LANGUAGE OF THE DUCTLESS GLANDS AND OF EMOTION.

Literature abounds with metaphor about the "ringing of the heart" and the various pulsings and throbbings of the throat, solar plexus, and sex organs. Our subtler feelings seem intimately wrapped up with such "vibrations" in the human condition. We find it natural to express the impression of emotion in terms of the varied waves in the body.

Thus let us consider the path of acoustic and electrical waves among the cavities of the body, with a view toward unraveling a bit of the mechanism of our "erotic" psychology. Emotion is not detached from physiology, it is a dramatic interface to field and feeling. It may be instructive and not simplistic to weave our vision of emotion with biological standing waves of light and sound. We do not collapse the intentionality or destroy the richness of an experience if we embrace it by description in metaphor which is deep enough in which "to find ourselves by losing ourselves".

During deep relaxation the heart beat settles to a particular set of harmonics which turn out to be tuned to a particular aspect of physiology. The pressure pulse of blood goes speeding down the main aorta toward the dividing arch (called "bifurcation") above the legs. At the inverted Y a certain portion of the momentum of the pulse wave is rebounded back toward the heart. During relaxation the timing of the heart beat will be such as to exactly allow this partial returning pressure wave back up the aorta, to reinforce and enhance the next beat. It is as though the main blood vessel is a guitar string with the heart and arch as the end nodes of the standing wave. Of course this is an exaggeration since only a small portion of the heart's actual pulse momentum returns to enhance the next beat. But the principle is vastly important. The body has chosen the natural way to optimize its energetics via nature's classic storage media: the standing wave.

The significance of the natural resonance of the heart physiology extends far beyond the chest. The standing wave along the main aorta results in a relaxation resonance of the

heart system at around seven cycles per second. This sympathetic resonance developing in the chest cavity results in a measureable shaking of the whole body. In fact the body can be compared to a multiply stringed musical instrument whose key is set by the heart.



This resonance in the sound or acoustic spectrum is measureable on a sensitive accelerometer. We find that the resonances which develop in the brain cavity during

relaxation exactly entrain or phase lock with the acoustics of the heart.

A detailed description of this phenomena is found in "Stalking the Wild Pendulum", author: Bentov, publisher: Dutton.

In order to understand the electrical, metabolic, and emotional significance of this acoustic resonance entrainment in the body, it is useful to consider the mechanism called piezoelectricity. It is a well known principle in crystallography, wherein acoustic or sound frequency pressure waves exchange energy and couple with electrical waves. The phenomenon is made possible by the orderly matrices of the crystal in which the acoustic waveform can macro-coherently overlay the much finer electrical waveform. The alternate common nodes of the standing wave form don't exchange much energy at only one or two common pressure points, but because of the pattern of the matrix, the superimposition of disparate but repetitive node patterns forms a significant field coupling along the entire structure of these ladders of life...the piezoelectric helix in quartz crystal, the helical dance of dna choreographed cell division, the well tuned helical acoustical-electric-glandular "chakra" emotional ladder of the body.

.... a mechanism of connectedness to collective mind and spiritual presence via field entrainment- ...increasing in information (vision) density. and peace.

(CRYSTAL STRUCTURE as MEMORY: KEY TO AN INSTRUMENT THAT HEALS.)

by Dan Winter

as reprinted in "Lithium" book by Haroldine

NOTES ON VISIONS THROUGH A CRYSTAL LOOKING GLASS

from

CRYSTAL HILL FARM

EDEN, NY

WE ARE ADVISED TO RECALL THAT OUR NAMES FOR CRYSTAL STRUCTURES ARE OUR ATTEMPT TO EMBRACE THEIR SHAPE AND QUALITY THROUGH SYMBOL. IT IS OUR CHALLENGE TO DO MORE THAN LINK A LIST OF QUALITIES WITH A LIST OF NAMES FOR CRYSTALS. WE SHOULD ASK WHAT ARCHETYPE OF GEOMETRY AS MOLECULE, PRODUCES A SERVICE FOR OUR TECHNOLOGY-SPIRITUAL OR ELECTRONIC. IT IS THE GEOMETRY OF WAVE —AS PROTON,ELECTRON,,MOLECULE,,,CRYSTAL— WHOSE MORPHOLOGY (SHAPE) DESIGNS A PATH FOR OUR NEEDFUL WINDOWS OF CONDUCTIVITY. IT IS USEFUL TO DESCRIBE THE ATOMS ELECTRICAL FAMILY IN TERMS OF OUTER ELECTRON SHELL ARRAY.. ELECTRON VALENCY.. BUT MUCH IS TO BE GAINED IN VISUALIZING THE WAVE SHAPE WHICH THAT IMPLIES. THE VERY POETIC AND AT FIRST SEEMINGLY ROMANTIC VISIONS OF ATOMIC DANCING FROM "OCCULT CHEMISTRY", CLAIRVOYANT STUDIES BY LEADBEATER, HAVE SINCE BEEN JUSTIFIED TO SUB-ATOMIC PHYSICS IN: "PSI PERCEPTION OF QUARKS" BY PHILLIPS (BOTH THEOSOPHICAL PRESS). OXYGEN IS DESCRIBED BY LEADBEATER AS HELICAL COIL. OXYGEN HAS A COLUMNAR AND CAPTIVATING ROLE AS THE COIL-SPRING OF LIFE IN WATER, IN DNA, IN PHOTOSYNTHESIS, IN CELL METABOLISM, IN QUARTZ. THE QUARTZ CRYSTAL HAS SCRYED THE WITCHCRAFT AND ELECTRONICS OF OUR WELL TIMED WORLD. QUARTZ'S ATOMS, SiO₂, ARE ARRANGED

CUBICALLY...AND THE CUBES SEEN HEXAGONALLY FROM THEIR TIPS, ARE ARRANGED HELICALLY, SENT IN A SENSE, IN A WIDENING GYRE BY THE VERY WAVE SHAPE OF OXYGEN ITSELF.

THE FUNCTION OF THE HELIX, AS WAVE-SHAPE MORPHOLOGICAL ARCHETYPE, IN DNA, IN QUARTZ, IN THE CHAKRAS, IN OXYGEN, IS AS THE CHOREOGRAPHY OF A RITUAL DANCE WHICH BRINGS EMOTION TO LIFE. THE ROTATION OF SPEED-ELEGANCE-AND INFORMATION DENSITY, IS PERMITTED TO WRATCHET GRACEFULLY TOUCHING IN TURN THE RUNGS OF A JACOBS LADDER BETWEEN THE LEVELS OF LIFE. THE HELICAL SPRING LIKE ASSYMMETRY IS THE LINK BETWEEN FREQUENCIES.. SOUND TO LIGHT..PIEZO(FIRELIKE)ELECTRIC.

OXYGEN IS THE COIL OF LIFE, LITHIUM IS LIGHT'S STAFF OR ROD.

DESCRIBING LITHIUM, LEADBEATER: "LITHIUM IS A STRIKING AND BEAUTIFUL FORM, WITH ITS UPRIGHT CONE OR SPIKE, ITS EIGHT RADIATING PETALS AT THE BASE OF THE SPIKE, AND THE PLATE-LIKE SUPPORT, IN THE CENTRE OF WHICH IS A GLOBE ON WHICH THE SPIKE RESTS. THE SPIKE REVOLVES SWIFTLY ON ITS AXIS, CARRYING THE PETALS WITH IT: THE PLATE REVOLVES EQUALLY SWIFTLY IN THE OPPOSITE DIRECTION."

THERE FOLLOWS MANY CAPTIVATING DRAWING OF TEARDROPS AND VORTICES AND HEART SHAPED "ANU" WHOSE OVERALL GEOMETRIC HYDRODYNAMICS (WHICH IS TO SAY, ATOMIC SHAPE) PRODUCES THE WAVE STABILITY WE CALL... LITHIUM.

THIS INTENTIONALITY FROM WAVE STUDY MAY BE POTENTIALLY MORE RICH THAN: "LITHIUM: THREE PROTONS, TWO CAPTIVE SUBSHELL ELECTRONS, AND ONE FREE OR VALENT ELECTRON". YET THIS LATTER LANGUAGE THUS FAR HAS GIVEN US MORE DETAIL, MORE RIGOR.

COMPARE WITH A THIRD LEVEL OF SYMBOL SYSTEM DESCRIBING THE SAME SUBSTANCE: LITHIUM, COURTESY HAROLD DINE, LITHIUM LABS, SAN LUIS REY, CA. : "IN ESOTERIC WRITINGS, IT'S STATED THAT PLANET NEPTUNE RULES THE 3RD EYE (6TH CHAKRA) AND ITS METAL IS LITHIUM. THIS OPENS THE PATHWAY TO HIGHER CONSCIOUSNESS OR MORE 'HUMNA POTENTIAL RELEASE'. LITHIUM IS AN ESSENTIAL CONSTITUTE OF EVERY CELL IN A HEALTHY HUMAN BODY. IT IS UTILIZED IN THE BUILDING FIBRE OF CELL WALLS OF EVERY CELL AND IS ONE OF THE MAIN INGREDIENTS IN THE COVERING SHEATHS OF OUTGOING NERVE ENDINGS. LITHIUM IS A PRIMARY INGREDIENT OF CROSSOVER FROM ETHERIC TO PHYSICAL IN HUMAN FORMATION ... "

THUS WE HAVE MANY POTENT CLUES TO THE "HEART" (ANU?) OF THE "MATTER" OF LITHIUM. AT FIRST THERE SEEMS TO BE DISPARITY IN THE CATEGORIES OF LANGUAGE USED TO EMBRACE LITHIUMS QUALITIES, YET THERE IS A HAUNTING CONNECTEDNESS: CONDUCTIVITY.. A SPIKE (OR TEARDROP SPLASH) ON A GLOBE ON A SPINNING PLATFORM...

A SINGLE FREE ELECTRON..A SINGLE SPIKE..THE CONDUCTIVE COVERING SHEATH OF OUTGOING NERVE ENDINGS.. THE (SPARK GAP?) CROSSOVER BETWEEN ETHERIC TO PHYSICAL.. HMMMM AMMUSE ING

A NEW SCIENCE OF LIFE: SHELDRAKE: THE POWER OF MATTER AND IDEA TO REPLICATE DEPENDS ON ITS "MORPHIC RESONANCE".. ITS PERFECTION AS WAVE SHAPE-SEED- IS ITS POWER TO PROPAGATE. THE RESONANCE OF PURE SHAPE AS POWER, POWER TO SERVE. WE EMBRACE THE SHAPE THROUGH SYMBOLS THAT ARE REAL/SACRED/PHYSICALLY RIGOROUS, AND THUS WE ARE EMPOWERED TO MAN IPULATE THE SHAPE. WE CAN THEN SEND OUR DREAMS AND ELECTRONS TRAVELING DOWN THE RITUALLY INITIATORY CORRIDORS OF THE CRYSTAL.

THE WAVE SHAPE OF THE CRYSTAL STANDS BECAUSE ITS NODES-POINTS OF FOCUS- (ETHERIC COMPRESSION) ARE IN GEOMETRIC ARRAY. (THAT IS TENSOR EQUILIBRIUM.. GUITAR STRING STANDING WAVES WHOSE THREE DIMENSIONAL PUSH AND PULL RESULT IN A GLORIOUS STAND—OFF). ATTENTION WHICH PLACES THE FINGER ON THE GUITAR STRING CHOOSES THE NOTES,, THE NODES,, TUNES THE WAVE. THUS ATTENTION, A MECHANISM OF FOCUS, IS THE ONLY INSTRUMENT OF CREATION A UNIVERSE NEEDS WHEN MADE OF WAVES. THE CRYSTAL IS A GEOMETRY OF OUR ATTENTION, WHOSE TENSION STANDS IN FOCUS AS WAVE. IT'S ELEGANCE AS SHAPE WHICH CAN STAND, RE MEMBERS FOR US.. OUR MINDFUL WOMB IN MATTERS FOLD.



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To Friends, Visionaries Dear to Earth Mother,

A very interesting theory of aging was proposed years ago by one of the Physics of Consciousness study groups on the west coast (Eliz.Rauscher et al.). It considered the relative stability of the non-linear hydrogen bond at the ladder rung center of the DNA helix as the decay called aging. Essentially they suggested that the memory of coding sequence for proper genetic replication depended on the relative order (coherence?) of this the ladders “Zipper Center”. Interesting that the question of memory was related to what is stored in a bond. And, richly I think, that the long range (Context?) orderliness, or shall we say resonance coherence, of this bond, was our resistance to decay and death.

Of course, now it is very much talked about that somehow consciousness comprises a mechanism to massage, and thus in-form the folded memories we call DNA. It does not require consummate perspicacity to see that what we need is a model of the exact mechanism of this conscious awareness phase lock onto our genetic life strings.

Would it be too collapsing of the intentional fabric that is mind, to suggest that touching this ladders rung centers bond angle IS consciousness’s key into biology’s weft and woof? Could just a bit of bend on light swing by the focal wave guide called attention be enough to steer the destiny of the biosphere?

Consider that hydrogen first bonded by the same mechanism of phase lock (unconditional giving) we currently call Marriage. Memories are stored in the same holographic multiple connectedness in both institutions. The shape of lights bubble enveloped can be Fourier’d (frequency signed) through to the infinite harmonic ladder which re-members. A baby or hydrogens well identified shell, are both in-formed in a named envelope : mem(ory)-brane, born of a bonding named love.

Now the fold of spin upon spin and envelope upon envelope which wove atom to molecule to cell to body to planet to.... is a harmonic evolution, a module if you will. On each occasion when another hierarchy of spin, or symmetry, or feed-back, or reflexive consciousness, was discovered by Mater-nal nature a fields bubble was nested in a larger one. A certain harmonic ladder connected the smaller to the enveloping whole. Ten billion atoms/cell, cells/brain, brains/planet-mind, planet-mind/... Now there are some who see that the flow form of the Milky Way is folding back upon itself, an interacton? (What an unemotional name.)

The thing about harmonic ladders connecting smaller parts (atoms, Adam(ic)s to their (contextual) wholes is that their key signatures always require touching the heart of their matter. (A center of gravity.) Waking up in an emerald city required a path through the center of a twister. When an Xray is focused through an emerald the light bubbles out in a flower of twelve petals, called THE EMERALD CROSS. In 3D the shape of twelve outwardly unfolding cones, grows perfect phi-lotaxial planes named an infinite Golden Mean nest of dodecahedra. (See my book Star Mother: Geometric Keys to the Resonant Spirit of Biology).

Note the 10 spirals of the golden mean making nested pentagrams image, which is WHAT BOTH NESTED DODECAHEDRA, AND DNA LOOK LIKE FROM ABOVE.

This geometric progression is a harmonic ladder (or module) which the gene pool uses as a kind of cup or grail or catch-meant; a mnemonic link to the heart core of identity. It is rich that the problem of identity resolves to a harmonic (&geometric) ONE. My graduate work involved psychophysically identifying emotion as an electrical fingerprint. Later emotions were archtypally identified with pressure wave/frequency fingerprint ("Sentic", Manfred Clynes). Then intentional relaxation (meditation) was identified with sonic frequency fingerprint-phase entrainment of glands ("Stalking the Wild Pendulum", Bentov.). Then ecstasy and "altered states" were identified with frequency-fingerprint: EEG coherence (phonon/sonic/ELF) in the brain (TM literature.). Then the onset of superconductivity in metals was correlated to phonon coherence, sonic columnation-a harmonic ordering- and a frequency fingerprint.

So it should come as no surprise that our planet wide richly symbolic test of (immune)identity named AIDS, may resolve to a harmonic (Jacobs) ladder, Que-pids arrow through the Heart of our matter. Imagine my delight when our programmable spectrum analyzer graphed the EKG harmonics from the heart of an experienced meditator to a (sub)sonic series of the golden mean, AT THE MOMENT WHEN OUR SUBJECT SAID HE WAS "SENDING LOVE". The shape of the cup running over, which is a full loving heart, is an efficient bonding harmonic ladder. It is our immune systems key signature to identity; an umbilical cord to the in-formation harmonic home/nest of all cells: ONENESS.

Essentially the cell membrane is a morphic wave envelope built of the long waves of resonance coherence in the body. It is woven and maintained by the ecstatic and contextual superconductivity called joy and love. The mechanism of the virus is a morphic key in the lock of the harmonic ladder which is the mem(ory)-brane of the cell. The self/not-self template called immunity is CONTEXT DEPENDANT. This means that FEAR is the cells decay into isolated limitations which rip outer connectedness (long-wave sonic) CONTEXT from in-forming key self-not self decisions. The cells umbilical cord to CONTEXT and identity is woven up the folded heart of DNA. The harmonic ladder home is started in weaving emotional coherence; the "ring" of Love is learned identity. The self-reference of ecstasies birth is other-centered, context rich.

In "Grammatical Man, Information, Entropy, Language, and Life" (Jeremy Campbell), the key difference which allows the viral bullet to replicate in the body of the cell is the decay of the context keys in the gene ladder. In the simplest of computer terms, machine-code cannot handle abstraction. It has limited loops for relative addressing. It has small handles, small worlds. High level language grows handles upon handles: large worlds. As the levels of abstraction fold around, BASIC or DBASE can remember what machine code only implied... a more "Golden Braid" of context upon context, atom upon cell upon body... Emotion is a high leverage handle upon the gene.

Emotions sonics are the high level language of cellular metabolism because they are more enveloping. The Uroboros serpent eating its tail of our universe (One song), is the continuum of frequencies. Infinitely low frequency approaches just the same consuming spark gap of superconductive crystal stillness touching everything, which the dance of the infinitely high resolves to. Think: which is mouth and which the tail?.. and do they touch?

Viruses are less alive in our sense of "conscious", in that their "structure" of feedback loops have shorter event/compassion horizons. The cell degrades to their replicative motif ("RETROvirus") when the touchingness of the OTHER sensitive immune system collapses in fear. The useful purpose for which Mother Gaia Earth attracted the AIDS virus through her membrane is to transmute the immune identity to broader context horizons. Our more enveloping aura will become the new membrane for gating light into the body, replacing in certain ways...the skin. Light in other frequency windows will thus be metabolized more directly into biology. The assignment for the children of light to weave themselves directly of starlight, comes closer.

Which brings us to the question of what context learning transformations "suit" the Earth

mind aborning. We might take a clue in the fetus discovery that the onset of the immune systems awakening explodes/flowers with birth. Nourishment from blood to milk, of mother. Our planets body aborning requires identity to envelope a body to make it through the tubes of birth. Our cellular and individual identity compression event(crisis?) enfold a membrane for planet as well. The long waves envelopes for this bodys wholing/healing context are solar and galactic. Mayan calendrics, “galactic synchronization beam”, “harmonic module”.... are the critical path of in-formation rites massaging our envelope for birth. Jose Arguelles “harmonic module” maps on the I Ching, DNA, and the harmonic grid of the spectra of vowel tones which seeded language and consciousness on Earth. Clues to the proper grail, and grid, and catch-meant for the light of transformation are all around us.



My friends Andrew Frank, Lorin Kiely, Stephanie Dearborn, Foster Perry and others propose to embark on serious deployment of in-formation harmonic synchronization events which heal groups through experience of oneness. We seek support and assistance. Our spectrum analysis equipment can identify, feedback, and teach the harmonics of love. This can be integrated into feedback systems for groups as well. With digital sampling synthesizer (Roland) we feedback the heart sonics symphonically and orchestrally (using Midi). These envelopes can be entrained potentially to Earth synchronization sonics like the whale songs and the Schuman resonance... the planets electromagnetic heartbeat. These envelopes of connectedness can be stored and replicated with the same sampling equipment, establishing joyful feedback loops to our Mater-nal context.. Earth. When combined with dramatic “harmonic module” imagery which Andrew has been working on for some time, an appropriate vehicle for seed time integration in human awareness of galactic awareness/context could emerge. Certainly powerful bonding tools for our heart felt challenge to become one-mind, will evolve if we are encouraged to continue to work together in conducive context.

We have assembled a variety of relevant materials, video, models, et al to outline this project, and appreciate an opportunity to meet, share these, and network with other key players in unfolding the vision.

Very Warmly

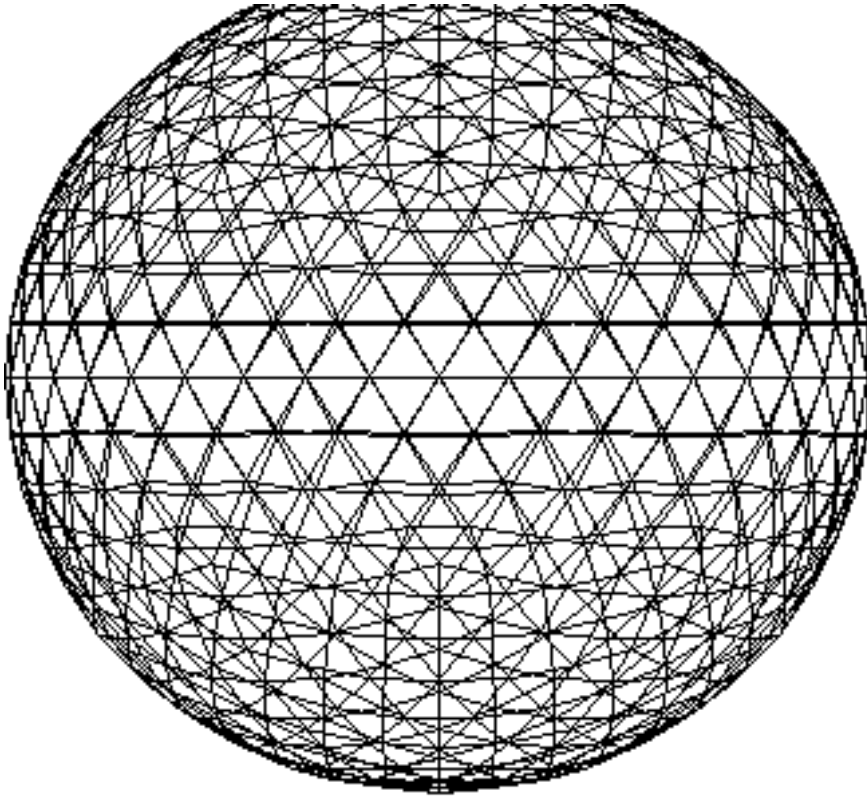
Dan

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ARE WE EARTH, OF A MIND TO BE TOUCHED?

Funny that when they first went to take the electromagnetic heartbeat of the planet:”The Schuman Resonance”, the doctors wouldn’t believe the graph was not that of a person. Or remember later when they discovered plants would cry out when a leaf was torn on a plant across the room: guess which note they would sound? Yep, that same “schuman” low frequency cry, like crying MOTHER! for a plant. An electromagnetic umbilical cord across separation, or fear... A touch reestablished.

Someone here made a joke about what our model for the AIDS cell was saying... We had determined that coherent sonics from the heart and glands (joy...love) fed the cell membrane born of a nest of wave envelope. The heart pouring LOVE, sounded out an IDENTIFIABLE harmonic ladder, a golden mean progression around the schuman frequencies, WHICH empowered the cells to ring out the same. ..A sort of harmonic context, to in-form genetic decisions. Well, the joke was that the AIDS virus as an information packet enveloped into



"Star-Lights" .."of a Mind"...

the cell, was the message: "E.T. CALL HOME". Perhaps the message from home for the cells is this: Immune function now requires membrane intelligence from the context of the field body of FEELING around the skin. The aura body has wider gates for touching. A new horizon of compassion, to grid and nest Cryst-all AWARENESS.

Interesting that the harmonic ladder (OR SONG) which was the key for connecting (bonding) for the plant, and the heart, has the same harmonic rungs/(ring) for the planet. The infants immune system is born when it establishes bonding to mother. Our identity seems to await the same bonding to planet mother Gaia. How to establish the contacts? the touch?

It is so rich that lecithin (with the natural diet) is a useful homeopathic treatment for AIDS. Lecithin (from Egg yolk, which knows how to be fed) is called an "emulsifier" because it softens the membrane....enabling contact, touch. And that "contact inhibition" the cell membranes recognition of touch, measures resistance to cancer. The in-formation stream of touch is a wave-guide: vital to weaving the envelope of identity, stable in the widening weft and woof of context.

So we've designed rites of passage from the atom to the molecule to the cell to the mind to the family...nation planet?? Each rose is charged with enfolding its perfect self-conscious image of INFORMED identity in SEED before birth// unpacking. Unformed seeds don't germinate. The cells won't complete their unfolding identity until they have been informed of their bodies decision in context with THEIR larger whole... planet. Come touch the sun.

The planets widening gyre will now enfold more galactic context into her orb. She, the good mother, plays role model for an identity "crisis", done up with only love and mirrors for props.

Remember the poem "...time to murder and create... time to prepare a face to meet all the faces you meet..."? Or maybe the beautiful LIFE illustrated: "Faces of Man". John Michell (City of Revelation), was telling me on his visit of his new book "Simulacra"... all the human images and faces seen in the shapes on the planets surface. Our "swiftly tilting" planet precesses now toward an axis which folds the octet/cube planet "grid" to the new twelve faced dodeca-icosa grid. She is preparing her (twelve?) faces to meet... The same dodeca-grid which is the form DNA. (cf my book). So the planet gravity pressure bubble body prepares to

extrude her GENetic material from the PLAY dough of the solar gravity nest blood stream.

Nice trick if she can manage it. Her way of calling home is the same harmonic ladder which

swings the cells lights down memory lane. All requiring a rather well columnated choreographic focusing on ...the same image... at ONEce.

Did you ever wonder if there was some shape in the aura which originated the term

“horny”? Do you suppose that is what mother earths slightly over-patriarchal aura looks like with Star-Wars barbs sticking out through our pretty bubble? What is the cultural context in which it will be OK to “make love not war”? Thus investing all of that fine media and tech-know-logy into bonding and harmonizing.

America might think of one of her faces radiating from the Bald-Eagle shape at the crown of the appalachians. The Eagle SEES, her vision radiates far. Her nest in Pennsylvania is called Keystone... it is on a beryl Emerald like tectonic... emerald radiates light in twelve rays... the emerald cross.. the eagles eye. America’s symbolic Eagle serves planet when her vision woven of media technology nets up a nervous system for mother Earth.

The Planet lights up with many faces, maybe Star-Wars technology could be used instead to identify our planets Star-Lights. Surface imaging technology is a shining service of satellites. Surface is mem(ory)-brane. The fixation on the technology to ring the globe with antennae of feelers could be beautifully channeled into the organs of perception to see the faces our planet is preparing.

Russia, the great mother Bear, might be discovered with her claw dipped in rich honey: sweet nectar for the child crying mother. Our place chosen to be born on Earth is a clue to our role/identity in harvesting star-light, a shining destiny for the children of light in a global family.

Meeting places like the US-USSR convocation in Washington, and the UN in New York, offer a wonderful opportunity to seed experiences of shared mind. When common focus produces a communion of hearts, decisions are well in-formed.

Our group has developed some feedback technology in association with these kinds of images, designed to teach and entrain hearts and minds.... once the decision is made that this sharing is invited. The process uses sonic entrainment beginning with fed back heart and planet sounds to entrain and connect up a nest which builds a “grail” vessel, net of fireflies, for participants who choose connectedness. A small seed experiencing group can touch a much larger “sympathetic” group around them. A centering focal image like a light grid spinning on Earth seen from space establishes a common perspective.. A focus. Decisions arising out of such experience of oneness are “concensus”, well in-formed with images that have completely enveloped the participants. Once everyone present has seen all the sides of a problem from all the perspectives present, decisions are complete agreement. The key is a LAN (local area network) common heartbeat which networks the holographic inner imaging processes.

We are asking for support, and input to develop this in-formation experience “Harmonic Module” for use in such settings crucial for global identity unfolding.

Are we “of a mind” to do it? together.

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THE SHAPE SIGNIFICANCE OF GENETIC MATERIAL
AS A WAVE PATH FOR FREQUENCY SIGNATURE,
AND AN INTRODUCTION TO THE FREQUENCY SIGNATURE
IDENTITY OF CELL METABOLISM, EMOTION, AND LANGUAGE;
WITH ULTIMATE KEYS TO THE
UNFOLDING GEOMETRY OF
THE PLANET TECHTONIC GRID.

INTRODUCTION

These notes are developed to open thought provoking avenues between the often intuitively recognized emotional substrate of disease, and the more eloquently known resonance mechanics of gene and cell life.



In order to easily follow the ideas presented, consider that:

1. The unified field identity of nature, embraced by all wisdom traditions and the appropriate dream of Physics, means that our habit of naming things never could describe substance; ONLY SHAPE... resounds.
2. The light womb woven waves of atoms/cells/words are enveloped, seeded and pregnant with resonance/presence of mind/intention.

At first, in principle, the uni verse took shape; word has it that it consisted of every thing that could be named.

The background of these notes is our need to gain perspective into the more specific mechanics of the relations between emotional patterns and disease patterns. As we approach this problem, we are at once faced with this vast chasm of difference in SCALE, between cellular and genetic life, versus the relative enormity of macro-glandular (chakra) and whole organism shapes of EMOTIONAL life. Cells and genes are tiny and visually untouched by the messes we usually think of as human emotion.

With this dilemma of difference of scale in mind, we need a ladder, an image, a wratching "more"-than-symbolic stairway...& yellow brick road.... to connect the active bioenergetics of cell with whole-body.

Fortunately we have a metaphor from the physical (phi-cycle) disciplines; in quartz crystal, or muscle tissue.... electrical pressure waves and sound pressure waves touch each other ACROSS GREAT DISTANCES OF SCALE. This piezoelectricity is accomplished by the wave guide nature of a helical stairway of nodes. The node is a region of compression. Wave velocity varies directly with the density (compression) of its medium. The travel of a wave is blocked or limited (enveloped) from certain directions of propagation by each node. WAVE ENERGY IN A HELIX FOLLOWS THE LINES OF LEAST RESISTANCE BY TURNING AROUND A RIGHT -ANGLE TO FLOW ALONG THE COMPRESSED CONDUIT AT AN ACCELERATED VELOCITY. Energy increases by the square of velocity. Wave length is a function of velocity. BECAUSE THE WAVELENGTHS THAT CARRY THE...(light/gravity/powder/sound)... CHANGE AT THE NODES, THE...(light/gravity/powder/sound)... SETTLES THERE. The wave momentum flows from the AREA of the quadrants into the LINES of the nodes.

THE HELIX IS A NATURAL SELECTION AMONG WAVES TO BUILD A STAIRWAY BETWEEN FREQUENCIES, whether piezoelectric/crystal, genetic, or glandular/chakra.

Next, we come to the problem that nature seems to have limited herself to a very PARTICULAR helical form to accomplish this connectedness between gene world to cell world, to gland world. Clearly there is something energetically functional and necessary to this form, for example DNA.

As visible by the illustrations attached, DNA seen from above is a simple ten sided decagon. Three dimensionally this means that there are ten rungs to its ladder, per helical rotation. The decagram in DNA is formed by the simple superposition of two pentagrams. This is exactly the perfect child's way of deriving the GOLDEN MEAN ratio of edge lengths, (Simply draw one pentagram touching the edge centers of another & you have it.)

As per the cover illustration, DNA is visually described by extending a pentagonal dodecahedron helically. Note how it weaves perfectly around all three perfect progressions F , F2, F3 , (GOLDEN MEAN, SQUARED, & CUBED) length, area, and volume.

Then, note the SPIRAL OF EXTENSION OF HELIX (Spiralling Squares & Cubes) illustration. See the conservancy of ratio in progression of length, area, and volume embraced spirals of the golden mean. TEN OF THESE SPIRALS OF THE GOLDEN MEAN, PERFECTLY SPACED AT THE 36 DEGREE ROTATION OF THE DNA LADDER RUNGS, PERFECTLY MAKES IN 2D THE NESTED PENTAGRAMS, AND IN 3D, THE WRATCHETED DODECAHEDRA CALLED DNA.

Clearly there is some elegant function accomplished by the weaving of all this essence of geometry into gene stuff. Why this ratio?????

Consider the Golden mean for a moment as a child learning to add columns of

numbers..... let's see...
 it is an infinite series...

—
 —
 .618033989...
 1.000
 1.618033989...
 2.618033989...
 —
 —



The series works when you add each adjacent pair to make the following, this is called an arithmetic progression. The series also works when you multiply any number in the series by 1.618033989 to get the next one. This is called a geometric progression. This GOLDEN harmonic series is the geometric universes only home for this kind of elegance.

Now recall that anytime two waves meet at a node (focus of compression) they generate children or heterodynes. These are simply wave sets whose wave lengths are the addition of, and multiplication of the wave lengths of their parents. Thus it would appear that as a wave mechanic device for getting waves of different lengths together without fighting, the GOLDEN MEAN is a perfect gateway between length.. (SCALE).

This brings us perhaps to our first clue about healing. We see that the necessary process which brings order to the nest is focus. The mechanism which produces the phase coupling, alignment and natural selection of constructive interference from destructive interference, is focus. NOTE the NODE is the FOCAL point, the pressure there turns the light into the envelope of shape called bios-logos. From focus, as in prism to rainbow, order replicates and lives, disorder is SELF destructive. Please hold this idea for below we need to understand the role of FOCUS which allows immunological identity to radiate with coherent order from gland.

In summary , we have looked at harmonic ratios in genetic material. We learn that by conserving length, area, and volume along a wave pathway, nature has conserved in-form-ation. We note that FORM is the only mechanism for storing and conveying information/mind in a universe of one substance.

Next, we need to use this foundation of understanding to gain insight into the timing and structuring mechanisms of cell metabolism. We will briefly outline a resonance theory of cancer, as a bridge to our resonance model of emotion, and finally to attempt a bioenergetic approach to the AIDS syndrome.

Another significant conceptual tool we will need to build our model is the physical principle called FOURIER transform. This is simply another word for FREQUENCY SIGNATURE, or SPECTRUM ANALYSIS. What needs emphasis here is that this principle states that EVERY shape in the universe is comprised of adding together simple sine waves. SO THAT IN ADDITION TO OUR TENET THAT THE UNIVERSE HAS ONLY ONE SUBSTANCE, WE ARE NOW ADDING THAT THE UNIVERSE HAS ONLY ONE WAVE SHAPE. Things are really getting rather simple don't you think?

It is comforting when we think of holography and its "everywhere at once" phenomenon that complex shapes (like light wave envelopes) contain an infinite nest of simple sine waves. It's a good way for things to stay connected.

The next idea we need is to understand that IDENTITY arises when a wave stores enough order to retain (that is remember) its shape. It literally SINES its name. Hence our concept frequency signature.

Two examples:

1. Three ropes, one of wool, one of nylon, one of cotton are fused together end to end. A slip knot is passed along from one to the next.

a: what is the slip knot? (not wool or nylon or cotton is it?)

b: what does it remember?

c: does it have a name?

The relationship of the slip knot to the rope (A WAVE GUIDE, A FREQUENCY

SIGNATURE, AN ENVELOPE, A SHAPE, A MORPHIC RESONANCE) is the same as the relationship of biology to light. ...

Lots of re-mem-bering to do.

2. (Second example). A singer entones a vowel sound several octaves apart. You recognize instantly which vowel she is singing, despite the great difference in frequency. Why? How?

A FREQUENCY SIGNATURE, AN ENVELOPE, A SHAPE, A MORPHIC RESONANCE..... IDENTITY.

Vowel tones are recognized regardless of the frequency at which they are entoned because the RATIO of the length of their ENVELOPE to their carrier wave (The length of the oral cavity..envelope.. as ratio to the carrier from the vocal chords), is fixed, archtypal, golden. Notice how you could draw the cavity of your mouth as a perfect envelope shape, shaping the tips of the shorter carrier waves from the vocal chords, into longer ENVELOPES.

Say “aaah”, say “oooooh”, what changed, cavity or vocal chords? , envelope or carrier? So the language of recognition means frequency pictures transcend scales (in music quite literally, in emotion too) by using the geometry that is ratio.

An image might change the universe, as a seed cuts from sub atomics to intergalactics.

Scale is profane, ratio is sacred. The archetecture of what is etched in crystal at first seems powerful when you carve cities from stones; but the same archetecture etched in crystal is MORE powerful when carved in the computer chip.

Let us decide gently on the question of which empowers whom, the long waves of emotion or the short waves of the gene.

We will need two more principles in order to continue:

1.

All bonding in the universe is the PHASE LOCKING (That is, complete and unconditional giving) of waves (or the children of waves) moving in opposing directions.

2.

In-form-ation content, density, and therefore potential to envelope order/mind increase with frequency, speed, and rotation.

Rotation among waves is what produces envelope, thus another axis of spin is always another level of harmonic superposition; figuratively the finger of God reaching into gene. Next a brief development of our resonance and frequency signature model as applied to cell metabolism to illustrate a bridge between cancer and emotion.

In the life of the cell, just like a computer, or a lover, TIMING is everything. Did you ever pause to wonder how thousands of sub cellular organelles (like mitochondria, microtubules etc.) should be able to know just when and where to start the dance leading to DNA precursors and MITOSIS/MEIOSIS (division)? It's sort of like the question of how does the bird know how to fly in the vee without constantly looking over its shoulder.. the fish in the school.. Well, we might begin to answer this question by asking, what do each of the organelles have in common that could link them with their fellows? How about, the SHAPE of their chemistry. A wave geometry of field effects could be quite adequate to resonance key trigger, time, and choreograph the dance of cell division.

Further, we could understand the passage of energetic currency through the cell as a child tinkling the piano. Each element of food is “symbolized” enveloped by the bond length (THAT IS WAVE LENGTH) which characterizes its chemistry. The passage of momentum(ATP/ADP) etc. through the hallways that are orderly distributions of charge in the cell is all

IDENTIFIED by wave length (FREQUENCY SIGNATURE). You could describe each of the major storehouses for energy within the cell chemistry as a kind of energy pool identified by its note. It sings joyful or painful music while MASSAGING the envelopes of light toward the finer frequencies of the genetic pathway. The cells decision of where to focus the momentum of its light/life is its name/ identity and service. Genetic material contains and emits some of the highest frequencies in the cell. Genetic material is the stuff in the cell most susceptible to electromagnetic resonance. This is the ectoplasmic eros of the cell.

Metabolism as a whole is geared to weaving and massaging order from low frequencies to

high, food to gene. Low frequencies feed the flames of love/reproduction which is emanation of high frequency.

During division the emission of high frequency ultraviolet light and ultrasonics is

characteristic of the field geometer choreographing the dance. This model suggests looking

at these spectral emissions for signature, ratio, and identification of health/disease; later to develop a model for selectively feeding the cell at this level. cf. the work of Wilhelm Reich on the Orgone, and the work of Raymond Royal Rife (The Rife microscope) to selectively destroy viral involvement by critical frequency RF scanning.

In the cancer cell the natural progression of the erotic high frequency products of metabolism toward other cells and social activity is blocked. In one sense the tendency to cancer in cells is MEASURED by CONTACT inhibition. Thus limited to only internal creative outlets, the cell (the child) becomes promiscuous... the only way out is sex.

In the healthy cell, the appropriate outpouring of the best nectars of the cells magnetic circulatory system, pour into the trans-generational chasm that is genetic replication only in concord with the social needs of its neighbors. Obviously to discover what is the choreographer of the choice by the cell when to pour its love into more genes, we need to look at what links cells to larger systems in general. Larger systems like tissues and glands mean longer wave lengths: a currency for organizing metabolism based on a different SCALE. (Suzanne Langer, A Philosophy in a New Key).

We are now approaching the crux of our paper. Where in the body does the passage occur from the emotion to the cell?

Ben Bentov in "Stalking The Wild Pendulum" (Dutton) measured the significant acoustic (LONG WAVE) coupling which occurred between the glandular cavities of the body during relaxation. He found that the glandular resonance cavities in the body began to function like a very organized cascade column of staged tuned resonators. The ventricle cavity of the brain, for example, did not only ring acoustically exactly like a physically obedient "can of peaches", it was also explicitly phase entrained with the lower frequencies of the heart. The heart itself had found a resonance of relaxation, efficient to its tension geometry.. strung up.. as it were.. artery to vein.

We have further and since learned that this phenomenon of low frequency coherence in the body is ENTICINGLY tied to many things....

1. Phase entrainment in the brain, Alpha, Theta, cross hemispheric EEG coherence correlated explicitly with the Yoga Siddhis (MIU research), correlated with psi phenomenon and much more.

2. Phase entrainment to the Schuman low frequency resonance of the planet: umbilical cord to planetary mind/rapture.

3. Production of nets of neuronal synchrony, a progression of crystallizing macrocellular geometry in the brain, yielding:

- a. Acoustic massage/"softening" the concentric glands within their cavity, piezoelectrically triggering psychoactive hormone secretion (electronics of ecstasy is onset of superconductivity, in both cases the barrier is resistance....)

- b. Acoustic (sonic) choreography known to account for superconductivity in metallic crystals, here precisely describes the brain as it moves in joy across that delicate threshold from liquid to crystal. Crystals can shiver with a conductive frequency waters cannot. Billiard balls conduct momentum best when they are locked together.

- c. The brains macrocellular progression through large scale crystallizing nets of geometry, allow it to assume a microwave and higher frequency, wave guide antennae function, similar to that



described by Philip Callahan in “Tuning in to Nature” for insect antennae shapes.

In summary, the low frequency long wave ringings in the body, are the arranger of many nice things. Many of these evolutionarily useful products of ELF (Extra-Lo-Frequency) field coherence in the body, interestingly actually produce coupling with VERY high frequency fields (God). This brings us to our next important principle:

IN THE UROBOROTIC SERPENT EATING ITS TAIL OF THE CONTINUUM OF FREQUENCIES FROM INFINITELY LOW TO INFINITELY HIGH, the wave which is perfectly described as everywhere at once, AND perfectly motionless.... IS EXACTLY THE SAME WAVE AT THE LOW END OF STILLNESS, AS AT THE HIGH END OF INFINITE MOTION. That IS where the serpent eats its tail, and how our universe feeds itself end to end (very much through the spark gap called biology).

Perhaps this all seems like a torturous and serpentine route to understanding emotion, but we are on the threshold of real understanding.

The speed of response of the GSR (Galvanic Skin Resistance) to changes in idea/ emotion, gives us some idea of the responsivity of the body as a conductivity net to the focus of mind. In fact having measured the conductivity pathways electrically described by tradition as acupuncture meridians, we see that the body is exactly an electrical pressure nest for mind. The shapes of the conductivity paths in the body are constantly responding instantly to the shapes of our “FEELINGS”.

Well, this is nice to say that emotions have electrical power (In graduate school we differentiated -IDENTIFIED- fear vs. anger physiologically)...

BUT we need a clue to interpreting the shapes of their language as feeling, in order to use them consciously.

And for that we will come to Sentics, but first, two sentences back we almost tripped over another useful fundamental principle of the universe, and we should be explicit about it:

EVERY SYSTEM WHICH STANDS AS WAVE, OR LIVES IN THE UNIVERSE (all of the fundamental forces) and including but not especially biology, CAN BE ENTIRELY DESCRIBED/VISUALIZED/UNDERSTOOD AS

A G E O M E T R Y O F P R E S S U R E. This is a dynamic, hydrodynamic, language of common denominator which will allow us to understand vastly disparate phenomenon within one context of mechanism and flow.

OK, now we are ready to look at the evolved language called human emotion, psychophysically in relation to cellular wellness.

We have seen that emotions have dramatic electrical power, BUT WHAT IS THEIR LANGUAGE, and how does their power get into the cell?

Manfred Clynes, a brilliant musician, has measured in his magnificent book: “SENTICS, THE TOUCH OF THE EMOTIONS”, the FREQUENCY SIGNATURES of human emotion.

He has accomplished this replicably, and dramatically with computer averaging, and cross cultural differentiation. What he measured was the spectral complexion, the SHAPE, of a fingers muscle PRESSURE on a simple transducer IN RESPONSE TO EXPLICIT EMOTIONAL IMAGERY. We can learn from this work that emotions do have signature just like genes and words, and their language is as identifiable as a whale song.

It's replicable. It is subject to frequency analysis, and its key lies in RATIO and ENVELOPE. Imagine the difference in feeling between the orchestral conductor's arm motion as harbinger of feeling, to the arm motion of love or anger. We feel what's enveloped or woven in the caress of our lover.. the ringing muscles are carriers of feeling by shape. Tai Chi, or the Sacred Dance, move this blood of feeling consciously; exactly like the cell moves its magnetic blood by dancing in synchrony. The initiate moves his field of feeling beyond the body by coherence of focus; order can live wherever focus is strong. This is the difference between salvation and damnation.

Now at last we can know how the bloodstream of the field effect that is emotion/feeling can penetrate the cell wall. The same ratio (signature) that allows a wave nest to stand in its walk between frequencies, allows it to be a key in a lock when it reaches a destination of (morphic) resonance.

The cell wall is its envelope. Cellular boundaries are explicitly modeled as wave nests in “Structural Stability and Morphogenesis” by Rene Thom. See also “On Growth and Form “:



D’Arcy Thompson, and of course “Laws of Form”: G.Spencer Brown.

Another important source: “The Mind” of The Cells, or The willed mutation of Our Species” by Satprem..Institute for Evolutionary Research, NY.

Penetrating envelope means that the necessary key of ratio of carrier wave to envelope has been turned. In the cell this translates to a particular ratio between the genetic material of the invader to the field that is the long wave of the cell wall. EVERY BARRIER/LIMIT generates identity. This is the mind of the cell. The virus is the poser of the question to the cell: DO YOU KNOW YOUR NAME? (Your shape, your name is one and the same, it is the remembrance of the path of your service.) When the saint dies, he leaves footprints in the sands of light, trailing clouds of glory, a path up the ladder. Memory ringing in the universe, or the cell, is KEYS of resonance alignment (named identity) massaging/messaging up the path of frequency. The cell has no immunological defense against namelessness/ formlessness/ decay/ death, UNLESS it has been inFORMED by its body who it is.

And from whence in the body does the radiation of I AM identity arise, so that the cells can hear the call?

The immunological mechanism is but a cloak, a vehicle, a carrier for the mindful focus, heartfelt center of gravity which launched the sparks from the central flame (pressure) in the first place. It is absolutely significant that the immunological nexus is the thymus which is like shield to heart.

So what are the psychological and emotional correlates to AIDS. Fear is resistance to flow/ heat/ destructive interference/ death. Joy is superconductivity/ecstasy/constructive interference, uplift, life.

On this spectrum of emotion, where does AIDS lie?

At every level, every disease produces symptoms which are pressure keyed to and indicative of their emotional roots. AIDS cells are punctured rafts, “helpless” victims with the wind (of bio-light) blown out of their sails. The cells privilege to select which light upon which it will feed is raped.

Let us look at the psyche of the AIDS “victim”. The feeling of victimization and helplessness in front of the onslaught of dramatic world, IS FOUND TO PRECEDE the onset of the disease. Fear IS the mind killer.

In order for I AMness (immune identity) to radiate from the core of the body, the center of gravity, the heart /thymus, consciousness must know of and accept the shape and POWER of its service. This means concretely, the Amazing Grace gifts of the experience of EMPOWERMENT. This is a gift sparked between people when the reality of love embraces the fullness of its vital fluids (High Frequency/Potency Erotic Stuff). When love is empty, and the precious fluids are poured out in waste and abandon, then there is not enough nectar of coherence/ accumulated vital essences/ aggregates of the best of cell metabolism.... to remember why this not-so-whole spark separated from the flame in the first place. Immunologically this means that the cells are told by the core glands that there is not enough high frequency/coherence to message/massage the envelopes of the cells into the locked crystalline safety net of their resonant core of identity. Their barrier/envelope hungering for high frequency light/food, begins to accept low grade viral imitations. When emotions are not well organized, keys aren’t passed well to the cell, so the cell must broaden its accepted spectral bandwidth of admitted signatures until eventually... the self doesn’t IDENTIFY the not-self.

So yes, yes... all this ideation about AIDS, what do we have here about predictions, and therapy for cure:

Prediction: since our body is the habit of our thoughts and feelings which we wear, any therapy for AIDS (and Cancer) which does not address the emotional /feeling habit

underpinnings of the disease, will not be effective or lasting.

Prediction: AIDS and the thymus immuno-complex will be identified in their connection by frequency signature, at the level of RF (Radio-Frequency) and ultrasonic for the gene and gene/gland connection. Further the cell membrane memory and decision making process (self/not self) will be identified by frequency coherence at the higher end of its spectral window.

Therapy for AIDS:

The AIDS “victim” should be first asked to deeply meditate on the reason/purpose/service for continued life. It’s name and shape must be gradually but clearly articulated. This may take place ultimately only in the empowering presence of unconditional love (human or otherwise). Alternately the decision to die could be made and respected from equal depth. Meditations on the core identity of ones being can evolve toward coherence best in the presence of the classic spiritual proclivities:

..excellence of nutrition,

..excellence of habitat-natural fibre-natural building-natural ecology, (cf Geomancy, Feng Shui)

To arrive at the conclusion to be implemented by ones glands, that life should be continued, requires intimate encounter with beingness worthy of being served. The same cascade harmonics which link cell genetics to emotions harmonics.. are those which weave on up through the genetic grail to our collective mind itself. This is the umbilical cord to nectar to nourish higher forms of cell life.

WHAT DOES ALL THIS SAY ABOUT THE CONNECTION OF THE HUMAN EMOTIONAL FIELD TO THE PLANET GRID/MIND?

The life threatening AIDS epidemic is richly appropriate and symbolic. It leads us to learn exactly the mechanism (or foldedness/embeddedness of CONTEXT) by which the identity of collective mind is woven among us. Coherence is the loving order by which identity is assembled. Connecting identity learning from AIDS to GAIA mother planet birth as self/known, teaches us our next important principle:

COHERENCE AT ANY LEVEL IS COHERENCE AT EVERY LEVEL. That is to say that an envelope of coherence, or internal (loving?) cohesiveness, is immediately and necessarily propagated from its birth domain to every domain. Not only is a coherence envelope by its internal order, able to move between frequencies without memory loss; it must.

An example of this transference of momentum between scales is the way the coherent brain couples with the coherence of the planet. We have used this research paper as a foundation for an experimental study at Millard Fillmore Hospital Sleep Research Center, Buffalo.

There we are in the process of showing that this significant coherence within the body can be taught using harmonic biofeedback. We are using EKG (heart) and EEG (brain). Since the ELF (Extra-Lo-Frequency) literature shows that the planets magnetic resonance dramatically affects mood and learning, we are further hypothesizing that phase coupling with these well described (SCHUMAN) ELF fields of the planet will enhance the beneficial effects taught. We shall add the necessary feedback then to teach coherence to the planets “heartbeat”. This is the beginning of our learning that collective mind needs the critical path of geometric coherence into the biofields of the body.

Macro-cellular geometric arrays CRYSTALLIZING in the brain during EEG coherence, are exactly those being woven currently by the undulations of the planets tectonic grids. Our planetary grid harmonics and ley lines are dancing toward their alignment for planetary synchrony. The specifics of the change in relative axis between rotational and magnetic poles are profoundly indicative of the unfolding new wratchet angle “The Christ Angle”, of planetary birth.

The discovery of significant living body shapes on the land, and their unfoldment (cf “Loves Body” Norman O Brown, Dublins body in Joyce, and the Seven Hills of Rome, etc.) holds deep clues to what is “stalking toward Bethlehem to be born” in our planet. Learning emotional coherence is our intentional way of embracing this mind-rich planetary metabolism.

The biofeedback hardware with spectral synchrony learning, we are building is not required for you to try this charge building technique...

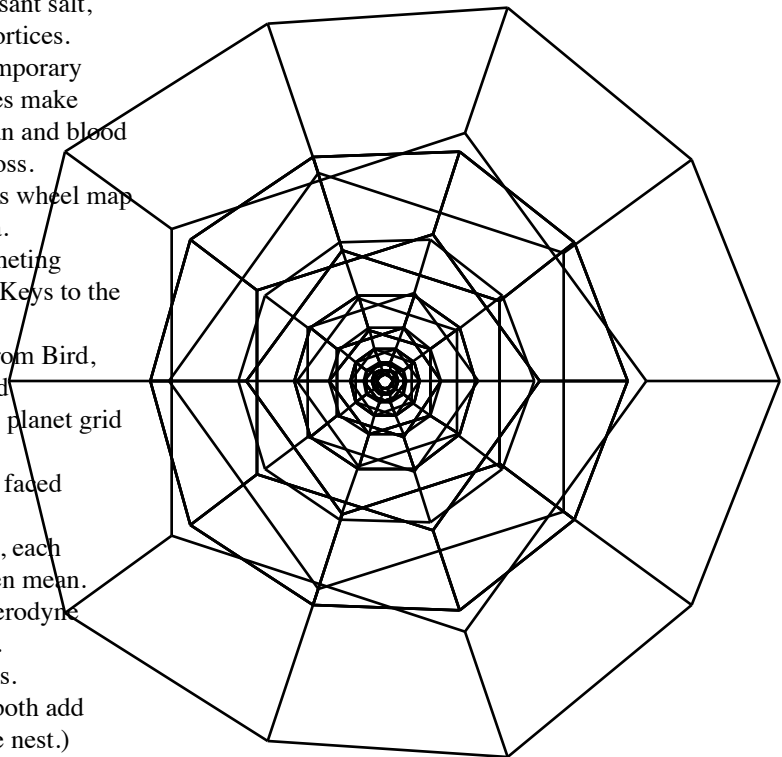
Choose your best day, after your best sleep, after your best meal, and your best love,
 and your
 best shower, in your best resting place, at the best time, with the most quiet, and your
 Yaqui
 place of power well in mind, and you do this...
 Lie face up, with your neck not crunched up, and your arms and hands not touching
 your
 sides, with your head in the best direction for your place (North or East), and you breathe
 your best breathes, and you do your best relaxation technique.... and your breath begins to
 settle toward perfect damped sine wave stillness... and you feel your body begin to charge...
 and it tingles and itches... AND YOU DO NOT MOVE... and the charge builds and builds.
 The cells need regenerative capacitive charging from center out..
 breath the gentle rhythm to the inner words: I AM... and listen for instructions from deep
 inside...



More on “That ‘Pent’ up Feeling”

So let's summarize where we are in the geometry of these things five (or phi-ve) sided..
 pentagonal.

1. Ten spirals of the golden mean (phi) make infinite nested pentagrams.
2. This view of nested pentagrams is also a perfect infinite 3d golden mean nest of dodecahedron.
3. In the chemistry of Leadbeater/Besant salt, NaCl , is a nest of twelve cones, or vortices. Phillips defended this work in contemporary group theory. Essentially twelve faces make dodecahedra. Thus salt water in ocean and blood spins light in this 12 star Emerald cross.
4. The Bible's Merkabbah, & Ezekiel's wheel map a decagonal view of the dodecahedron.
5. The DNA helix map is a 4d wratching dodecahedron. (My Book: Geometric Keys to the resonant spirit of biology.)
6. The Planetary grid system maps from Bird, the Russians, and “The planetary grid system”, Hagens et al, plot gravities' planet grid as dodecahedral.
7. “Isis Unveiled” map of the twelve faced zodiac is dodecahedral.
8. In the infinite nest of dodecahedra, each vertex is a simple power of the golden mean. Making this nature's only perfect heterodyne harmonic information path between.. frequencies/scales/dimensions/worlds. (Wave form interference beat notes both add AND multiply and still always fit the nest.)
9. The twin golden mean spiral unpacked out of pents into spiraling rectangles maps; vesica piscis, pyramid sarcophagus, infinite nest of hearts, and two flames from the “Meeting tent” of Hebrew.
10. The harmonic series evoked from the heart sonically at love's intense moment is a



progression of this same pent edge length nest. BONDING which knows no limit. (The harmonics we actually measured, spectrum analyzed and plotted were separated by 1.28 hz, the square root of the golden mean, phi.).

11. The shape of the “City of Revelation” from St. John, and the cover of John Michell’s book on the geometry of that New Jerusalem, are dodecahedral.

We conclude that phase learning heart beat from atom/cell/body.planet/solar is a mother’s egg like information path to the harmonic coherence identity/shape of life itself.

A Service for Dying Trees:

High Leverage Homeopathic/Radionic Healing for Rainforests?

.. Remineralization by ReMembering the Pattern.

to: Friends Still Committed to Saving Earth

in gratitude for: An inspiring Easter Sunday walk in a dying forest with a great lady, homeopath & druid.

My friend was pointing out how many of the dead trees fell over to their death, even in no wind, because of softened trunks. He called acid rain the AIDS of the forest, permitting opportunistic diseases natural to each species, to start their internal consumption of the trees. It is as if nature’s servant, the tree infections, get the message that it’s time to begin eating the tree, because only the strong should stand. We shouldn’t blame the infectious disease which has been serving the natural selection process for millennia. Clearly we must look to the source of what is weakening the trees... acidity has rich and profound symbolism:

In “Survival of Civilization” by Hamaker, the chemistry of tree death due to acidification is traced to the leaching out of mineral content. He suggests massive remineralization of the forests by grinding up creek bed rocks, to save civilization. Even this is superficial if we don’t stop burning fossil fuels, and spitting out poison. It’s funny how the CIA, as agent for the oil companies functions as a misinformed immune system for our culture. By showing up to declare top secret, energy technologies like Adam Trombly’s and other energy devices which tap the gravitational field directly for energy source, they prevent any technology which our lowest common denominator science cannot understand, from being developed. One first step each of us should undertake is to develop a responsible understanding of truly alternative energy sources. Public comprehension is essential, about completely new energy technology based on gravity as bloodstream for both Earth and solar system. (This energy, as the gravitational fields order, is NOT free.) Gravity is field inertia traveling between frequencies, attracted by order (symmetry). Symmetry.. a kind of permission for a wave to enter rotation from a line, is the ONLY way for waves to store inertia, and thus is physics ONLY definition and measure of mass.

Chemistry, electrical circuits, and optimally.. biology all can offer the universal field a geometry which cascades momentum between frequencies, better than the average flux of the Earth’s



core, and thus harness the planet's hard earned coherent gravity field. The key feature which limits our collective permission to tap this field, is our taking responsibility for the fact that biology, symbiotically, is also called upon to CREATE the order of this collective mind/gravity bloodstream/coherence. Which is why we measure emotion by long wave coherence, which as Gurjieff said, feeds the Earth.

So step 1, to save the trees.. the lungs of Earth, is to take it upon yourself to understand an energy metabolism which can wean Earth. To digest the gravity field for our cultural energy nourishment, moves toward a charge inherent for biology, which is to metabolize star light directly. Interestingly, emotional coherence/ecstasy weaves our bodies larger auric egg/membrane—the only real therapy for AIDS. And at the same time, is the only way to braid order into the gravity grid, the only energy net capable of cushioning the fall from acid rain: the AIDS of the forest.

Clearly, we can't stop emissions until we learn a new more contextual energy source.

The other step we recommend, is to understand the deep symbolism of what minerals do for trees. You may be surprised to learn it has much to do with rampant patriarchy...

Diana, a wise homeopathic physician, had just been explaining to me why mineral preparations are used for the deepest core "psoric" conditions in the body. It is as if the deepest conditions rooted in the deep structure of the body, when you have unwrapped peripheral imbalances, are addressed most powerfully, homeopathically, from the mineral realm.

Just then we walked by another tree, quite whole looking, but fallen over. We felt of the wood in the trunk, core, just above the roots, where the break had occurred. The bare wood edges felt soft and rounded, even though the break was apparently recent. We commented how healthy flesh was firmer/harder to the touch than diseased flesh, in humans.

I recalled the mechanism I had learned for the death of pine needles due to acid. The acid hydrogen ions (too many protons.. too many filled "shells", not enough electrical SPACE), poison/distort the tight geometry of the field which is the membrane of the living cells. The membrane is the sum of the coherence of the collective molecular fields. Membrane is folded surface, storing memory of shape of touch. The strength of membrane is proportional to the order/coherence of the plys of the fold (phase locked fields, macrodynamically.. cf "Structural Stability and Morphogenesis" Rene Thom.) It is as if the mineral content seeds the order around which tight fields can crystallize-biologically. Without mineral you have weak fields, weak membrane.. which further permits the leaching of minerals. In the pine needle, the softer mineral poor cells, lack the cell wall turgor strength to withstand freeze/ and dry conditions. Result, rupture, browning, and tree death.

The trees which fall over prematurely, due to soft core cells, are really manifesting the same phenomena of membrane softening.

(Again membrane/ immune/ identity/ self/not-self.. for the trees as well as us.)

Another aspect of this phenomena, is the tree finding acidic soil in the depths, sends roots only to

the shallows, further weakening stability.

The key thing is to recognize the function of mineral to seed the geometry of field, to harden/stabilize the membrane/ & structures of the cell. The mechanism by which acidity prevents the geometric unflowering of biology's fields, is the same issue of lack of space. Atomic shells which have spaces in them, create envelope cavities in which the play of biology can be unpacked. With a preponderance of acidic protons, there remains no space to create the new order, which we call biological growth.

This is why the cost of limestone for agriculture (chemically basic), increased by many orders of magnitude in recent years. In Sweden it's use is common to save lakes on a large scale.

Creating space for growth, is the archetype of the womb, the feminine. (The Power of Limits). The Patriarchal aspects of Adamic/Atomic Acidic western culture, is loosing space to unfold into. Loosing the feminine.

—

Diana told me that as a Homeopathic physician she often felt it would be preferable for her to be treating trees. We discussed appropriate homeopathic remedies for forests. There may not be will enough amongst to grind up enough bed rock to remineralize Earth. We need homeopathic science: minimum dose.

The key to reweaving the cells of the trees around the geometric seed of the mineral, to restore the psoric core, is the presence of the shape of mineral.. around which to crystallize growth. And in addition, chemically finding space in which to unpack/unfold. Radionic machines commonly and effectively broadcast homeopathic remedies. Resonance means that the symbol does participate in the life of its object.

It is important to suggest however that the completion of a feedback loop, is a powerful way of viewing our relation to forests. As a result, we may conclude that a personal, human, creative direct interaction with the mind of the forests, will surely be the highest level of healing to which we may aspire. George Fisher assures me that this is why Mary Baker Eddy turned from homeopathy to create Christian Science. We may imply that the most powerful radionic broadcast devices available for radiating homeopathic remedies, is the human mind.

One facet of this approach, is to learn to visualize accurately the shape/geometry of the inner structures of the key forest healing minerals. This could be done in groups, as part of ritual, with computer assisted visuals. The process of visualizing/focusing healthy space for chemistry to unfold in, is identical to using the creative power of the "dreamtime" to create/maintain pristine breathing space for people to unfold in. Collectively, biomass (forests, oceans, people) is a thin film membrane. This membrane is massaged/switched by the long waves of emotion, and the songs of forests and whales, which are identity.. the mind of Earth.

"STABLE TECTONICS: THE HUMAN FACTOR"

We are accustomed to measuring tectonic shifts and their locus using the accurate sensing of the ELF movement. It is strange



that we do not consider the nature of human input to the ELF weaving of the coherent grid which holds Earth together. The latest physical studies of cell structures (“Structural Stability and Morphogenesis”, catastrophe theory, Rene Thom) illustrate the modeling of cellular surface shapes as phase coherent to frequency tones. Understanding cell function in a context nest of resonances requires frequency signature info. The paper “Membrane Mediated Behavior” (appendix: “Planet Heartworks”) by Dr Bruce Lipton, explains how membrane surface functions as the CPU, “buck stops here” ID decision maker of cell immune identity. Shape for any membrane, cell or planet biosphere, is the storage medium of the memory of touch. Being touched for cell membrane is the frequency/phase coherence meme called emotion (cf “Santics” Manfred Clynes).

Being touched for planet biomass membrane is the frequency/phase coherence of COLLECTIVE emotion. Being hurt is technology’s incoherent effluent: ELF noise. Thus the coherence ability of the tectonic grid to maintain the stability of the tectonic flow form resonance bubble, Gaia,.. is specifically limited by the ability of biomass to feed that ELF membrane. Just as the forest maintains its sonic coherence blanket intelligently (cf “Bioacoustic Habitat Theory” Whole Earth Review 12/87), so too must Earth switch her membrane frequency gates using her cymatic membrane. Hence the truth of the Star Trek IV whale songs, were needed to keep Earth functioning as a cell in a galactic body. Man must soon learn how his technology cuts away at the woven nest. The Fusion Magazine “Breakthroughs in Biophysics” (appendix to “Genetic Biology: Emotions Golden Braid”) documents the ability of the cells resonance morphology as a pentagonal nest, to “absorb electromagnetic radiation of low quality, and reemit that radiation at a shorter wavelength: ultraviolet... That ultraviolet light represents a high energy(information) density than the infrared light that was put into DNA. This high quality ultraviolet light, in turn, runs the metabolic processes of the cell.” The dodeca nest heterodyne ladder that specifically enables the cell to turn resonance around the frequency spectrum, turns out to be EXACTLY the morphology (shape) of the latest Earth grid models (cf Dodecahedral array in “Anti-Gravity and the World Grid” Childress.. Becker & Hagens).

Thus Earth as a ringing body has specifically configured her resonance tensor geometry to permit the necessary PHI golden mean heterodyne gateway between spectra/dimensions. This means that our UV and sonic pollution turn out to be dramatic bleeding for GAIA’s bloodstream.

A powerful example of the interaction of the cell’s of biology with the planet grid exists in current microwave technology. Bob Dratch demonstrated his microwave emission scanner to me. (Molecular Emissions Scanner, Computer Applied Technology, 29493 Golden Gate Canyon, Golden, CO 80403). The electron shell energy leap between ADP & ATP, is the KEY energy lever of all cell metabolism and has a calculable emission in the microwave spectrum. By scanning at high gain bodily emission locus at this microwave frequency, a picture of biology’s inner fire emerges. (Whose psychological profundity equals its medical

usefulness). Dramatically, this scanner will map with equal clarity the resonance coherence grid of Earth in the microwave, ala optimized geomancy/dowsing. Standing there watching the scanner map the conductivity of Earth's grid to exactly the metabolic microwave info/bloodstream of the human cell, it occurred to me that the stability of the Earth grid was also exactly tuned to the rock/biomass forms ability to resonate/conduct what biology emitted. Gurdjieff had long ago said coherent emotion feed Earth.

Note that the scanner mouth is a golden mean cross section tuner.

Note that the scanner high gain microwave amp printed circuit is an etching off an ancient Egyptian stone wall. Proving what Philip Callahan documented in "Tuning In to Nature", that the ancient paramagnetic dolmen were active intelligent tuner/waveguides in a known microwave bloodstream.

Part of why dolmen placement stabilized grids after upheaval. Carving profound symbols in rock was correctly called "monolithic architecture" (for integrated circuits).

I believe that one reason Earth spit out the half billion dollar radar spy satellite in Challenger, is suggested by the Armenian Earthquake which occurred hours after that satellite's successor began his res, his gain scanning... cutting up USSR. end

The Presence of Love, Measurably Improves Immune Function?

Summary and review of a research project and article. Review by Dan Winter

Article Title:

"The Effect of Motivational Arousal Through Films on Salivary Immunoglobulin A".

by David McClellan, Dept. Psychology, Harvard University.

Published in: Psychology and Health 1988, Vol 2, pp 31-52.

+++++++abstract as published (excerpted):

132 college students were exposed in small groups to 2 films which contrasted in the extent to which they aroused either power or affiliation (love?) motivation. In previous studies high power motivation, if it is inhibited, has been associated with lower levels of salivary immunoglobulin A, and high affiliation motivation has been associated with higher concentrations....

The film (Mother Teresa) which aroused affiliation motivation more was followed by an increase in salivary immunoglobulin A concentrations immediately afterwards, and this increase was sustained an hour later when subjects continued to dwell on the loving relationships that characterized the film....+++++++from the article discussion:

"The effect of the Mother Teresa film was striking and confirmed prior expectations. It increased salivary immunoglobulin A, significantly in two independent showings...

The importance of affiliation motivation (in the rise of sal.I-A), is further indicated by the fact that subjects higher in Affiliation than in Power show greater gains after seeing the Mother Teresa film, if they are also relaxed (low in activity inhibition). One of the major aims of the study was to try to find an explanation for the fact that people with this affiliative motivation syndrome (RAS) report being sick less often, especially with colds (McClelland and Jermott 1980)....

..the findings of this study are important because they demonstrate that certain types of motivational arousal can improve localized host resistance to infection as assessed in salivary immunoglobulin A, while most research has focused on how stress impairs immune function (Jemmott and Locke 1984).

+++++++comment...

It appears that already significant research momentum exists (cf “Psychoneuroimmunology”), indicating the specific nature of the connection between bonding/loving “affiliative motivation” and immune health. What “Planet Heartworks” proposes is that we acknowledge (& teach using feedback) the mechanism of the construction of the immune identity bubble: cellular, bodily, and planetary. The phase coherent alphabet of the emotions, particularly the sonics of the “heart of gold”(en mean), are the archtypal symmetry set required to weave that nest. The ecstatic heart bears a touching sweetness, whose musical chord is identified. and identity.



EMOTION, COHERENCE, AND THE HARMONICS OF THE IMMUNE SYSTEM

A RESEARCH PROJECT UPDATE
FROM CRYSTAL HILL INSTITUTE

Many interesting and encouraging developments have occurred since our original pilot protocol was accepted in conjunction with the lab at Millard Fillmore Hospital. Essentially the protocol postulated that the mechanism of energetic transfer between emotion and the cellular levels in the body could be specifically identified by spectrum analyzing the harmonics of glandular centers of emotion. The Sentic literature (Manfred Clynes, see protocol bib.) has identified archtypal frequency signatures for emotion cross culturally. It has long been known that emotional components play key roles in immune deficiencies. If a mechanism for their connection were meaningfully described, high level cures should become teachable, by biofeedback instruction in the harmonics of orderly (coherent) emotion. We have had great encouragement from Prof. Bruce Lipton of Biology Dept, Penn State Univ, State College Pa, author of “Liquid Crystal Consciousness & the Cell”. He has developed extensive and detailed modeling for the cell membrane’s self/not-self decision making based on frequency specific, fourier transform, harmonic analysis- accomplished computer like by the conductivity gating or windowing of the proteins going liquid to crystal/ enveloped as memory in the cell membrane. Using the “Structural Stability & Morphogenesis” motif to understand cell shapes as (long) wave envelopes, it becomes easy to understand how they become the memory or catchment for the alphabet of long waves propagated by human emotion (cf. Sentic). Since the “sticking” of the destructive viral component to the healthy cell wall is already commonly referred to in terms of the viral “envelope”, it is not difficult to extrapolate the pass or not/pass decision made by the cell to accept the bullet, into the language of coherent resonance memory whose (wave)envelope IS the cell membrane. Long wave harmonic coupling between macro glandular cavities had been documented in the Bentov literature (bib.). We merely extend this conceptual tool to see how the glands send a sonic envelope to the cells, via the archetypes of the harmonic ladders which ARE emotion. With amazing rapidity our first real test of the multiple channel programmable spectrum analyzer, coupled to the hospital polygraphs, has given support to our hypothesis. Foster Perry’s meditation on LOVE, produced fully fourteen perfectly damped harmonics in the Heart progressing almost exactly in the frequency ratio 1.28, the square root of the GOLDEN MEAN. Copy attached.

I have written extensively on the Phicycle significance of the golden mean as a frequency ladder, applied to genetic material, in my book subtitled “Geometric Keys to the Resonant Spirit of Biology”.

Essentially by producing this set of wave ratios in the heart, nature’s most elegantly efficient way for getting information between frequencies has been accomplished. Cupid’s arrow is a harmonic tensor. If the glands ring in order, the cells are enveloped in identity exactly like the sound of a name.

We are setting up the hardware to feed back the full spectrum acoustics of the heart & EEG

which will teach coherence like a child learning to play with chords on a keyboard. The immune system cannot be fooled into deciding it has a name and a purpose by invasive chemistry alone; high leverage healing will be to let it ring true to its real identity as nature's tool for teaching unconditional love, which envelopes and is identified.

— —
RELAXATION BY COHERENCE, A PILOT STUDY.

MAY 8, 1987

PRINCIPLE

INVESTIGATOR: BRUCE MIDDENDORF, M.D. DIRECTOR

OUTPATIENT DEPARTMENT, MILLARD FILLMORE HOSPITAL

ASSOCIATES: DAN WINTER, PSYCHOPHYSIOLOGIST

DIRECTOR CRYSTAL HILL INSTITUTE, EDEN, NY.

SCOTT WOODWARD, DATA ACQUISITION COORDINATOR

UNIVERSITY OF BUFFALO, MECHANICAL ENGINEERING DEPT.

Abstract:

The literature on relaxation shows that health benefits correlate to coherence (a timing, "resonance" linking) within and between significant organs and their cavities (eg. heart and brain). This pilot study proposes to simply add computer sampling to existing polygraphic data inputs (EEG & EKG) at the Millard Sleep Research Lab. This would make it possible to test whether providing simple audio feedback linked to coherence (mathematically defined as simple phase or cycle entrainment between frequencies), would improve the skill of relaxation.

In this study 12 volunteers in single sessions would hear polygraph/computer generated musical tones linked to coherence. The results of this preliminary study would be used to design a more in depth experimental study on the teaching of relaxation "coherence" and its health impact.

Background:

Scientific approaches to health maintenance have long sought rigorous language to relate emotional experience to health dynamics.

Emotions have been described and differentiated electrically. Albert Ax, discriminated fear and anger using psychophysiological variables. (Ref 1.)

Manfred Clynes further described and cross culturally identified emotions as resonance, acoustic, frequency signatures (Ref 2).

Ben Bentov showed that electrical/acoustic coherence or phase entrainment between the heart and the resonance of the ventricle cavity of the brain improved during intentional relaxation (Ref 3).

What is required is a physiologic mechanism to describe the translation of the wave energy so well described as emotion, to cellular and glandular health. Since so much of the elegant chemistry of metabolism is well understood in the language of the higher frequencies of chemical bonds, one is not accustomed to understanding metabolism in terms of the longer acoustic waves which travel between the glands during emotion and relaxation. Coherence is a name for an orderly relationship which develops between long waves and short waves. These lower and simpler frequencies become significant in understanding the interface of the geometry of tension upon healing, wholing.

In this pilot study we wish to begin to set up the surprisingly simple equipment to show that coherence is teachable, with a view toward later establishing that coherence teaching is a useful and relaxing therapeutic intervention for sleep disorders or stress related syndromes.

Protocol:

12 volunteers with informed consent (below), will be connected to the polygraph EKG and Multiple EEG in the very conventional manner. The computer will sample and analyze the tracings to develop a measure of the linking or coherence between the variables. This will be fed back to the subject in the form of a comfortable musical pitch whose level follows level of coherence, and whose frequency is a multiple of the spectral component being reinforced. In this pilot study only one or two sessions per subject are planned, just sufficient to obtain baseline, and preliminary coherence improvement data.

Resources:

Hardware:

Crystal Hill Institute agrees to loan to Millard Fillmore Hospital a digital sampling Northstar Horizon S-100 computer for the purposes of this study. This is to be connected to

the electrical outputs of the existing polygraph in the sleep research lab at Millard.

Software:

Scott Woodward, research associate at the University of Buffalo, Department of Mechanical

Engineering, and data acquisition expert, agrees to assist in the developing of the necessary data analysis, display, and feedback software.

Volunteer selection criteria:

Volunteer subjects chosen will be in good health, over 18, half male and half female, free of medication, free of cardiac and neurologic disease, and having expressed desire to learn relaxation.

Benefits:

The preliminary exploration of a potentially dramatic new approach to the teaching of relaxation as an intentional, measureable, and health impacting skill.

Further, the making available where possible of computer analysis of polygraph data to other research at the hospital will likely be of immediate and significant usefulness to Dr. Fran Gengo et al.

Reporting results:

Result reporting shall include but not be limited to a summary of whether coherence ordering was improved or "taught" in the twelve subjects by this unique feedback. And if so an outline of a next step proposal to identify a population upon which to document this intervention as a health restoring tool.

References:

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2. Clynes, Manfred. "Santics: The Touch of the Emotions".
3. Bentov, Ben. "Stalking the Wild Pendulum", Dutton Press.

Acknowledgements:

Ursula Anderson

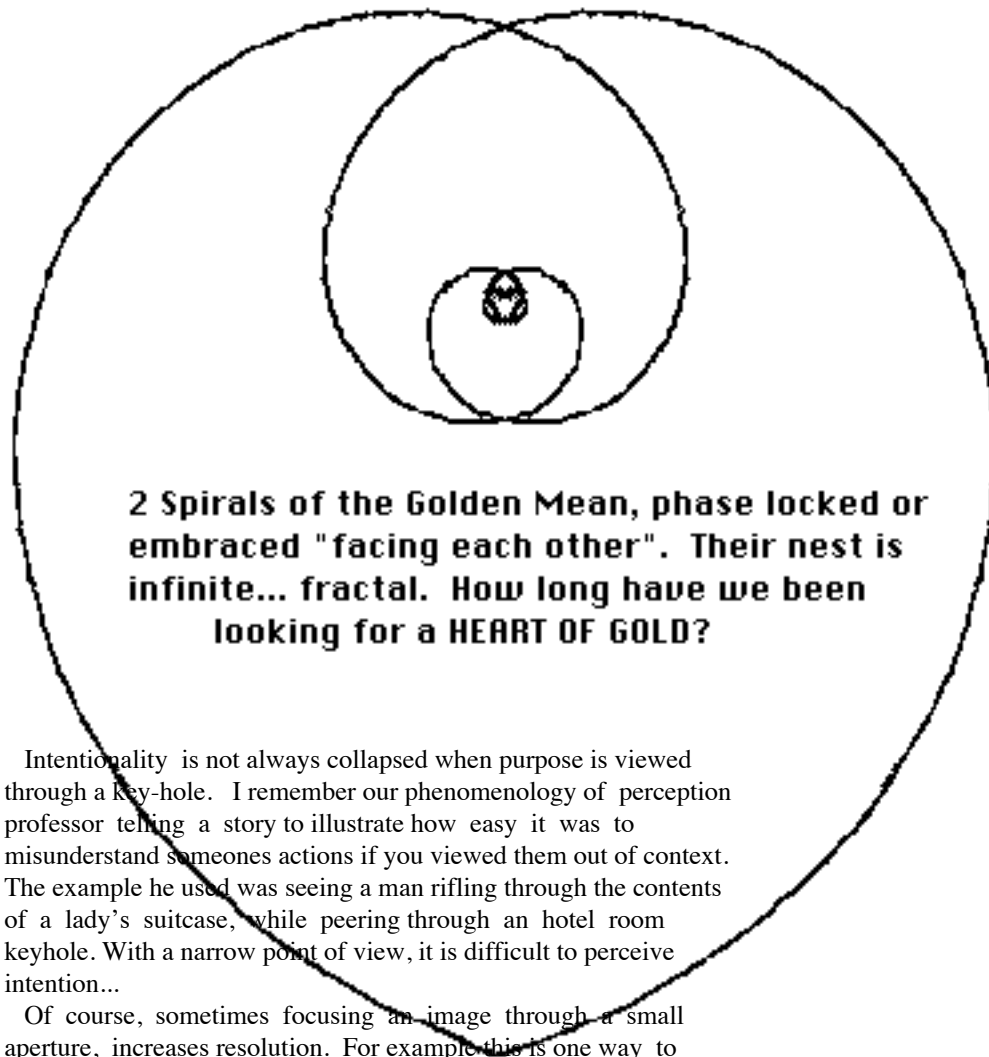
Diana Osborne

Paul Hagerman

Meredith Lady Young



PHI-LO SO-PHI,
LANGUAGE OF LO VE.. LO-PHI.



2 Spirals of the Golden Mean, phase locked or embraced "facing each other". Their nest is infinite... fractal. How long have we been looking for a HEART OF GOLD?

Intentionality is not always collapsed when purpose is viewed through a key-hole. I remember our phenomenology of perception professor telling a story to illustrate how easy it was to misunderstand someones actions if you viewed them out of context. The example he used was seeing a man rifling through the contents of a lady's suitcase, while peering through an hotel room keyhole. With a narrow point of view, it is difficult to perceive intention...

Of course, sometimes focusing an image through a small aperture, increases resolution. For example, this is one way to create a rainbow from white light.

I was meditating today, on what we may or may not have learned recently about love. Are we looking at it through a keyhole??

BACKGROUND:

It started when my graduate studies mentor at the University of Detroit psychophysiology lab, Dr. Albert Ax, differentiated emotions using strictly electrical terms. (His work on Fear vs. Anger was world famous.) My job was polygraphy. It very much impressed me how quickly the various physiological variables we were monitoring on the body, responded to the person being touched, spoken to, or shown a picture. It was as if the universe had invested a lot of development capital tuning up the real time feedback loop, in human biology. Why was it necessary for biology's sample/response time for the psyche's control of the body's electrical net, to be so instantaneous?? The electrical signature and field of an emotion could be generated on signal by a "people" (this is a name used to describe an electrical system noticeably dominant on Earth's biosphere), within MICRO-seconds! - next clue.. Manfred Clynes in "Sentics", tests and proves the pressure shape of touch associated with each emotion, cross culturally. So the wave shape of emotion is physical, known, a



geometric alphabet, and TEACHABLE! Now don't immediately conclude that he is guilty of looking at the whole thing through a small keyhole.. (after all what a collapse, to see joy as the shape of a wave of inkstain that dries upon some line.) You may forgive him, when you learn that the way he started, was noticing whether his audience wept when he played the violin. As a concert violonist he attended to the shape of his touch as a pressure wave upon the strings.

We note from the pictures of the wave shape of touch sampled and linked to each emotion, that each one is a simple envelope with only one dip. Only two variables, the length of the whole event (of touch), in **RATIO**, to the moment during the event when the maximum depth or pressure occurs. **MOST** interestingly, as close as I can tell, for the wave he measured for the expression of **LOVE**, this ratio approximates **PHI**, the **GOLDEN MEAN** (.618...).

next clue.. we do this mildly ambitious experiment as part of our harmonics of the immune system research at Millard Fillmore Hospital. We essentially ran the output of an EKG (heartbeat electrical output) to a simple spectrum analyzer. We hook up an experienced meditator healer. At the moment he says he is sending "LOVE", we get this amazing continuous Cadduceus like set of harmonics continuous in the LO frequencies between 0-20hz. Each peak of energy within the heart wave is square root of golden mean, in ratio to the next. So that every other harmonic of the heart's frequency signature at the moment of love, is in **GOLDEN MEAN** or **PHI** proportion. Since this resonance occurs at the lowest frequency end of the spectrum, we call this phenomenon **LO-PH(i)**... the "i" is silent, pronounce this: "love". (the "v" in love means **PHI(ve)**), which is because a nest of pentagrams makes **PHI**.

A nest of pentagrams in 3D makes a nest of dodecahedra. This 12 pent face platonic is the shape of:

- the helically spinning shape which traces DNA
- the shape of the planet's grid
- the shape of the zodiac
- the shape of City of Revelation
- the shape of Merkabbah...
- the shape in Carl Sagan's "Contact"

It is humbly submitted, that our telltale heart, is up to something here, which heterodyne waves bridge the spark gap membrane between self/other.

(Heterodyne is a name for what waves do when they are introduced to each other in context: **THEY BEAT**. Beats, however can be friendly when they reinforce instead of interfering. Waves always beat in 2 ways: they **ADD** and they **MULTIPLY**. Only one ratio in the universe does **BOTH**.. **PHI(bonnacci)**.. .618.., 1.000, 1.618..., 2.618...)

When our space brothers from Sirius tell us that **LOVE** is the only emotion which is transportable across galactic spaces, we can now understand why. It is the key in the lock to biology's export of memory/program for lifting mass to light (bio to logos). In other words, if us kids are the have our memories saved, before our hard disk crashes, we need the baud rate synchronized for the in

formation feed to streaming tape, umbilical to galactic core.

In information theory, lo-phi is the only information path as wave BETWEEN frequencies/scales(dimensions). Which is exactly where we must send our signal.

“The answer lies folded in an envelope...”

Saint Germain.

LOVE IS PHI-CYCLES KEY SIGNATURE TO UNLOCK THE KEY (HOLE):

INTENTION. NATURE TESTS FOR A HEART OF GOLDEN MEANING.

REVIEW/ & COMMENTS

OVERVIEW:

One substance, one mind, and one physics... are now easy to understand and embrace.

What was once a technical notion, called “Fourier transform”, has become a human one: All forms are simple sums of sine waves.. SUMbody. The geometry and massage of pressure in ONE UNIFIED FIELD, are HARMONICS set dancing seeking to bond or die. This universality of compressible MEDIA links the alphabet of atoms, to the alphabet of sacred language, to the alphabet of emotion, to the alphabet of tectonics and solar cycles. Each is a simple nest of frequency signature. Each is holographically ONE with ALL, woven of timeless ratio.. called syntax & context. Bootstrapped, and multiply connected, MIND is being ..born.

The PLANET HeARTWORKS VISION is born among friends discovering the call home to the folds of one mind. The PATH WITH HEART and vehicle of transformation turns out to be nested in the SHAPE of the heart and its harmonics. The heart is a liquid crystal muscle/blood flow form. And like the atomic flow forms within it, is layered toroidally (donuts, vortices, nests). It orchestrates to bond and phase entrain the world outside itself by the harmonic harmony of its folded field. Our sonic and EKG heart fingerprints are now identified as the alphabet of emotion.

We’ve graphed (spectrum analyzed), the sonic ring of the heart at a “moment of loving”, and seen the onset of coherence: sound ordering.. well nested and folded... embracing.

The harmonic ordering of expressive muscle pressure, called “touching”, has been graphed in “Sentic” (Manfred Clynes). Again the spectral vocabulary of emotion was archetypal and cross cultural.

Studies from TM and from “The Mind Mirror” (EEG tool) have analyzed the minds EEG frequency signatures and coherence during intentional relaxation. Once again the spectral fingerprints of creativity/meditation/ and healing, were found to be archetypal... and identifiable syntax and language.

Bentov in “Stalking the Wild Pendulum” further showed the the hearts sonics phase entrains the brain.. as a “ringing can of peaches” (during meditation).

Planetary shapes/structure/identity have long been known in the language of seismic frequency signatures.

Studies in ratio (“One Crystal’s Dance” Dan Winter) are now teaching us that the longest wave (or resonance) is energetically connected to the shortest one: when the cascade of “*heterodynes” or ratios between them MAP geometrically. (*waves add and multiply when they phase lock). Thus the simple shapes of pressure we call emotions (& also words), are actually physically empowered to fold momentum/shape/creation into things like cells or planets.

Therefore we can now interpret the dance in nature to nest so many things in geometry, as the weaving of a love nest to bond between scales and worlds.

The nature of the geo/ratio is the nature of the bond.

+Cubic & square root of 2 are exemplified in the tempered scale of music, the Mayan pyramids, & the chambered nautilus. They are inward Mater bonded: “in-cube-ating”.

+Golden Mean (1.618...) or “PHI” ratio bonds (phi-cycle/physical) are exemplified anywhere pentagons/ *DODECAhedra (PHIves) get together. (Do=2, Deca=10, 2+10=12 faces, 2x10=20 tips/vertices).

This is outward bonding/reaching: Pater. (The Egyptian pyramids).

AND.. THE GOLDEN RATIO/ DODECAHEDRAL NEST MAPS ONTO:

*THE EMERALD CROSS 12 CONES
 *SALT IN WATER AND BLOOD
 *THE DNA HELIX A WRATCHETING DODECAHEDRA
 *THE PLANET GRID
 *THE ZODIAC 12 FACES, "ISIS UNVEILED"
 *BIBLICAL "MERKABBAH", "EZEKIELS WHEEL".
 "NEW JERUSALEM" & "CITY OF REVELATION"



AND..

* THE HARMONIC SIGNATURE OF THE HEART EXPRESSING LOVE.

The Golden Mean ratio as it is contained in the nesting of dodecahedra, turns out to be a cornerstone of what physics calls "constants". (cf The Universal Phi Parameter, Ron Ginsberg, 75 Bruce Ave., Yonkers, NY 10705.) It is the turning point, feedback angle & fractal spiral of order out of CHAOS. (cf "Star Wave", Fred Wolf, & "Chaos".)

Entering this awesome "yellow brick road" between scales is the path from dis-ease to ONE MIND. It heals the withering separateness of fearful and empty non-touching. It is the motherly braid and bond of inclusive love in the fullness of touch.

The specific harmonics of love and bonding are teachable. Feedback can be a doorway to resonance and inner attention. We use the rite of the "flame in the meeting tent" from Native America & Hebrew, where the psychodynamic begins with shared commitment and "nothing to hide".

We use designed environments with micromotion/innermotion sensors (based on non-invasive capacitive charge amplification). The orderly sound of hearts like clocks in one room feedback a sonic hologram. We use this entrainment to also phase lock breath and a visual image of the Earth Schumann pulsing as ONE body. The birds, the whales, & the dolphins use a sonic & magnetic bio-network for group mind. We imitate their ritual.

THE RESONANT ECSTASY OF GROUP MIND FEEDS WHOLING/HEALING CONTEXT TO THE GENE, THE CELL, & THE BODY. THE SENSUAL FIELD PHASE ALIGNS MANY PERSPECTIVES TO ONE IMAGE. IMMUNE IDENTITY IS NOURISHED WITH ITS ULTIMATE EMOTIVE SYNTAX/CONTEXT; CONSENSUS PROCESS CONVERGES TO ONE VIEW; COMPASSION FOR THE WHOLE BLOSSOMS.

This is dramatic new synthesis from the bio & geo physical sciences. This feedback love-nest of our inner attention to each other, is called THE HARMONIC MODULE. It is a live-in symbol which is profoundly shareable.

The message to our species is not only the delightful humility of drops in the ocean.

Conscious emotion is empowered to co-create. It is biology's handle and key signature into the unified field. The emotional "magneto-sonic" choreography of all the planet's life, is the high speed grid switching of the biosphere. It is the monolithic "zone refinement" for bio-membrane semiconductor EARTH. The bio-mass is the mem(ory)-brain/lens & moire hologram for GAIA. We are the breath blown refractive bubble, whose gentle pattern of touch, massages the MATERNal waves to nest... and be born as ONE MIND.

— —

In depth information/materials available from Dan Winter at Crystal Hill Farm:

sacred geometry

modeling kit-\$35.(A Guardian angel's nest)

From graduate studies in psychophysiology & polygraphy at University of Detroit, to systems analyst with IBM, to metallurg & crystallography in the steel industry, to electrical drive systems engineering as a profession, Dan has delved deeply into many fields. He has founded a newspaper (The Network of Light), published two books, produced & distributed video and audio tapes on Sacred Geometry, The New Physics, & the "role of mind in a world made of waves". He operates a networking and seminar center (Crystal Hill Farm) with video, audio, computer, and feedback labs. He lectures frequently on a national and international level, on subjects often related to "The Physics of Consciousness" and recently the PLANET

HeARTWORKS PROJECT. In recent months he has been instrumental in sponsoring invitational conferences on Sacred Geometry and Planet Healing in Florence Italy, Columbus, Eden, Bolinas, Boulder, New York, New Jersey, & Boston. Ideas about the deep connectedness of all things, can be shared at many levels The profound nature of our oneness can be approached from architecture or art, math or biology, electronics/computers or myth. With a powerful sense of the bridges between worlds, Dan has a talent for both poetry and rigor in his language and energy.

—
comments on the work of Dan Winter:

"I love the work you are doing and the philosophy of geometry you're developing. It is light and clear and has principles and vision." John Michell author View Over Atlantis, ...

"I am very much interested in the writings and theories of Dan Winter... I think he has discovered something very important and fundamental for a better understanding of our meaning and fate in the universe." Dr.Robert Mueller former ass't SEC'Y GEN'L of the United Nations, now Chancellor of the University for Peace.

"...how much I have appreciated- and am in awe of- the wonderful work you have been doing...Please keep me informed"

Jose Arguelles.. author Mayan Factor,...Crystal Earth Papers..

"...Thanks very much for your letter and especially for the paper on "shape significance of genetic material..." I got a whole lot out of it...brought tears to my eyes in places. You're doing such fine, fine work!" Kay Gardner , HEALING MUSIC, The Rainbow Path.

"I have enjoyed your ideas very much and will be in touch... We assembled "The Star Mother" (sacred geometry modeling kit) and like it very much!" Marilyn Ferguson of The Brain Mind Bulletin.

"I found your material most useful and interesting..."

Elizabeth Rauscher PhD, Fundamental Physics Group.

"Received the "Planet HeArtWORKS PAPERS" in today's mail, and have read it through. I find it quite impressive, and agree with it completely." I.B.(Ben) Iverson, Civil Eng.,author Synchronous Harmonics.

"...you are the best placed to scoop the world on announcing the discovery of the new dimension of life—in hard scientific terms." Tom Pawlicki, author Hyperspace, How to Build...

"I want to thank you so powerfully much, for your yellow book "ONE CRYSTAL'S DANCE: THE STAR MOTHER". ..you are truly a most inspired inter-dimensional scientist, a sacred scientist, ever seeking the underlying principles of how the universe is structured. It is always a joy to tune into your most revelatory thoughts..." IASOS, Inter-Dimensional Music.

"It's good to know that such research is being carried on... how grateful I am for your deepening exploration... I appreciate very much the nature of your work..." Brian Swimme, Institute in Culture and Creation.

"I appreciate the energy you bring to Sacred Space."

Sig Lonegrin, author Spiritual Dowsing...

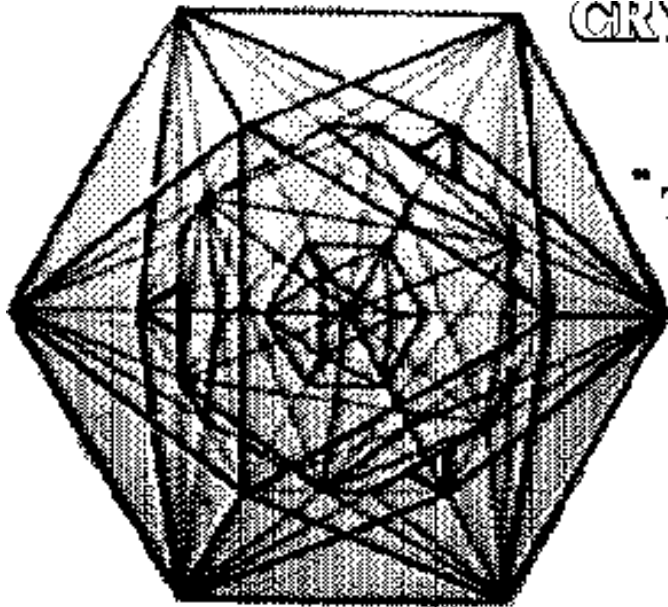
— — — — —

Most of us have begun to respond to the harmonics of our inner voice, and in doing so have confronted the mysteries of connectedness. What are the mechanisms in ourselves that respond to our healing need for an intimate connection with ourselves, each other, and our world? Is there an order within ourselves that parallels the order inherent in nature?

Dan Winter, psychophysicologist and Director of the Crystal Hill Institute explores these topics in workshops entitled:

THE PHYSICS OF CONSCIOUSNESS: TOUCHING PERSPECTIVES TO ONENESS. With sacred geometry, sound, movement & models, we are guided to a place of knowing the role that mind plays in healing ourselves and the Earth.

When a cube looks inside itself what it generally finds is... the square root of two.
 Twelve
 times doing that same introspection, produces what is called the twelfth root of two.
 (1.0594
 times itself 12 times = 2). This is the ratio between notes in the musical scale; the



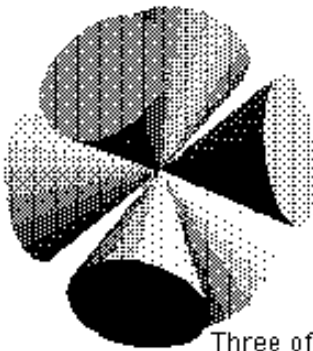
CRYSTAL HILL FARM NEWSLETTER

"THE EARTH MOTHER'S STAR-SEED IN-CUBE-ATION"

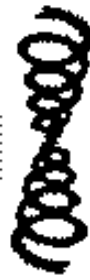
for our Global Family
 and The Network of Light

ratio
 between the chambers in the chambered nautilus; the ratio of the steps in the Mayan
 pyramids. This year of 88 is a good time to know about OCTaves... something may well be in-
 cube-ating.

The cube from the tip looks like six, a hex, quite flat not alive. Fold it like this
 Betsy said to George, then you'll have FIVE!



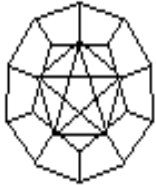
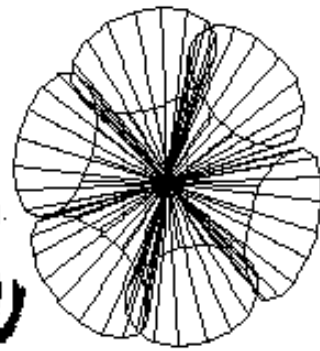
Three of these donut spins
in cube ate.



This 8 up and down,
we call OCTave.



The reclining 8
we call infinity.

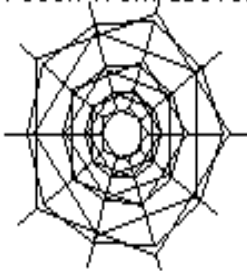


Drawing 5 lines on a pentagram
makes Betsy Ross's star.
When each line is one edge
of a cube, the 5 cubes make this

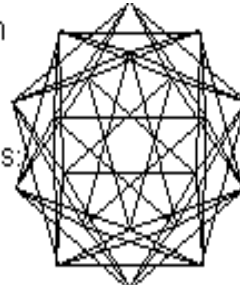
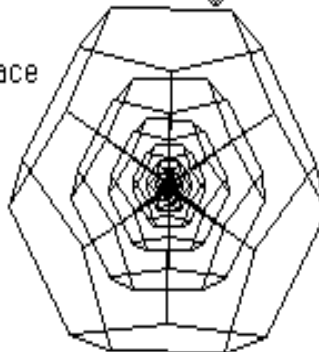
Exactly filling this do-deca-hedron.
 $2 + 10 = 12$ faces.

These things tend to grow on you....

DNA seen from above:

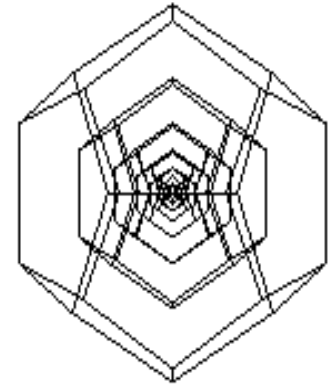


The hex face
of a cube
unveiled
in
dodeca's:



Cross the I's,
dot the T's,
see the stars.

It's all done
with mirrors:



Closing thoughts.....

....to touch again the many new and
old friends whose visions bring us closer to one moment-one mind.
Our yearning for the ecstasy of intimate connectedness has
flowered with symbolic petals called the physics of

consciousness, the yoga and eros of emotion, non-linear gravity energy...the planet and its bloodstream...we.

Most of us have begun to respond to the harmonics of our inner voice and deeper selves. Heeding the gentle tingle of our highest selves we soon soar in our potential for joyful and loving service.

We who have quiet times to hear our inner selves develop a heart to heart relationship with our deepest self. We often call the source of our inspiration, intuition or collective unconscious, or angel... We do well to consider deeply the matter of the real root and heart of this always amazing and usually delightful pervasive intelligence.

Our destiny is to encounter our embracing collective mind with increasing intimacy and resonance. We awaken to a love life, in which personal love expands to planetary love- through this touching new body of mindfulness. A new body of mind crystalizes among us.

A standing wave form whose exchanges of momentum are perfectly balanced and phased is called a crystalline bond. This way of the crystal is love: the Chryst principle.

It is useful for us to imagine the function of a man who's being is precisely the embodiment of the Christ principle. Our collective imagination weaves in our midst a body of mind who through our assent assumes a seed role as THE CHRIST. Our planetary mind needing more subtle - cohesive and touching resonance among human emotion nearing synchrony, would assemble the evolved Christ man God as a material focal point - seed Crystal, initiating new connectedness, new love, new mind.

A new hierarchy of order superposed on the liquid crystal material hologram of planet Earth is the birth of a new mind in which the texture of all of our involved wills is dramatically cohered and enriched.

To embrace the possibilities of this new mechanism of telepathic connectedness in one vast and ecstatic at birth, mind... is to invite CHRIST=The CRYSTALLINE way of growth for holographic multidimensional mind... into your heart.

The boundlessness of the degree of freedom we have to make this choice to accept the total presence our new mind, is exactly the boundlessness of our potential to contribute to this great mind when we make the choice to embrace it.

Great centers of gravity grow from a good heart. Join us / join One?



I am available for conferences/lectures. This is an example of material presented at a Spiritual Frontiers Fellowship regional.

.....LECTURE DESCRIPTION:

“THE SEED AND THE EGG: EMBRACING OUR COLLECTICE SPIRITUAL BODY”

An answer lies within the heart of Earth. Imagine looking from center out through the membrane surface of our planet: through a holographic film of folded memory called tectonics and biology. Think of Gaia's center of gravity as a "moving projector" imprinted with AND projecting the faces of the galaxy. The 3-D trace of the spiral paths of all the bodies of our solar system, during precession- weave a vast galactic sperm cell. The dodeca-grid of the Earth is the perfect cookie-cutter to make DNA for this seed, out of the playdough called gravity and emotion. Just as emotions cascade the shape of "a memory bank of touch" ontocellular membrane/identity; our collective emotion "rides the long wave" which massages the thin film of biomass (us) into one wakeful mind. Choosing to touch with love, is a frequency KEY signature which folds our memories and dreams, preserving our seed to unfold in the milky "hunab ku" galactic egg.. immunized against fear by what we heal here and now.

Workshop titles and descriptions:

#1, Understanding Emotion's Wave:

One Biology from Cell to Planet- Based on Love.

How do emotion's shapes make a universal alphabet? How do they shape the cell in a way which is a very physical key to cancer and AIDS? What have we learned by looking at the musical signatures of the heart at the moment of love? Let us integrate what we know about eros, tantra, kundalini, orgone, etc...or how many words does love require?

And having considered how the shape of membrane as cell creates signature and identity, we will consider the planet with biology as her membrane: Tectonics & jet streams as the glands of memory.. & collective emotion. We will conclude with discussion of grids & galaxies... why are whale songs (emotion) the switches for Gaia's farthest reaching gates. Why does the word E-motion MEAN: "ride the long wave"?

#2, Sacred Geometry, Spiritual Physics:

ONE Gentle Dance with A Heart.

Unified field theory was taught by King Tut, when the message of ONE being came to heal a divided mind. How many phrases do you have to put beside..."The universe is: ...*a geometry of pressure, *one crystal's dance, *one wave's surface, *the alphabet of symmetry, *one word ringing...

Physics identifies only one shape as capable to stand in one medium: the torus/donut. Looking at ONE small simple strip (a "flame" letter) off the donut, from the points of view of the platonic solid faces, casts shadows... which turn out to be the hebrew alphabet! (in sequence). This same shape "the twister" maps sub-atomic particles (wormholes), the heart muscle, the geometric origin of color, the volume of the universe (Eddington).. This yin/yang pair of vortices breathes in and out the universal "zero-point" or background energy of the universe, and teaches us generator technology directly salvific from our fossil fuel coffin. Bring your deepest issues. Plan to have fun.

VITAE:

DANIEL WINTER

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EDEN, NY 14057

OFC 800 541 1087 LAB 716 992 9307

Dan has spent most of his life involved in subjects related to what he calls “the physics of consciousness”. During his graduate work in psychophysiology at University of Detroit, he was polygraphic operator for internationally noted studies on the electrical description of human emotion. He has worked in steel industry crystallographics, at IBM as systems analyst. His university work on origins of language lead directly to the related spectral signatures of letters sounds vs. emotions which appear in his new book “Planet HeArtworks”. He also founded the regional community resources publication: “Network of Light”. Currently as technical director of SS Electric in Buffalo, his phase conversion design technology is marketed nationally. In addition to speaking and organizing conferences nationally on subjects related to the healing of Earth, he coordinates work being done in several states to implement feedback, coherence, and media imaging technology to teach “shared mind” experience, called the Harmonic Module.

More recently, the group of friends at Crystal Hill farm have assembled a 3/4" editing video lab to accompany the computer image generation equip. They are working on a series of documentary style productions on geomancy, sacred geometry, sacred dance, and other facets of ecstatic process.



THE STAR MOTHER SACRED GEOMETRY MODELING KIT

COMPLETE MATERIALS TO BUILD 3D NESTED MODELS

(A GUARDIAN ANGELS NEST)

CONTAINING OCTA-,TETRA-CUBE DODECA-ICOSA-DODECA- HEDRA
(THEOSOPHY'S GREATER MAZE).

THE COMPLETE INSTRUCTIONS IN THE BOOK

"ONE CRYSTALS DANCE".....

GENTLY GUIDE YOU ON AN INTUITIVE WALK INTO A LOOKING GLASS, EXPERIENCE
OF BUILDING NATURES MOST PERFECT ORDERLY NEST.

YOU WILL SEE NEW MEANING IN THE DECA-GONAL SHAPE OF THE GENE AND THE
MIRACLE OF THE QUANTUM LEAP OF RATIO

FROM CELL TO GLAND TO EMOTION TO PLANET

SHAPES-AS FREQUENCY SIGNATURES.

A GOLDEN MEAN PATH WITH HEART.

ASSEMBLY IS FOOD FOR THE ORDER HUNGRY SOUL,

THE COMPLETED MODEL IS A MEDITATIVE SEED

CRYSTALLIZING COHERENCE FOR IDEAS & LIGHT.

FROM DAN WINTER, CRYSTAL HILL FARM.

— —

THE STAR MOTHER

(A HOME FOR GUARDIAN ANGELS)

FROM

CRYSTAL HILL FARM

INTRODUCTION:

The universe thanks you. You have chosen to nest your attention in a very nutrient rich place: the heart of three dimensional geometry. As you may soon discover, it has the potential to really enrich your capacity to hold vision in order. The more clearly you are able to imagine order, in a nest which reaches between dimensions, the finer will be your ability to weave light into the focus we physicists call matter.

Thus, one purpose of this kit is to teach by doing and seeing, nature's most elegant way of focusing waves into a nest which embraces order from one scale to another. RATIO is the key. Later in the text, after the assembly instructions, we will apply this principle to one of biology's nicest pathways for storing memories: genetics.

While the richness of this model is definitely a lasting meditative moment for the maturest mind, it is also intended for children. I have had one of the most rewarding times assembling this model as a group project in a kindergarden class. All that is required is a little planning, and a careful division of little jobs. It is probably best if you assemble it once first yourself. For little people, this model is called A GUARDIAN ANGELS NEST. You might begin by explaining that the pretty ordiliness of our best dreams and memories, stay nearest to us if we weave them the finest nest to live in.

To build your STAR MOTHER, you will probably wish to have handy:

a small wire cutters (for cutting the outer wood sticks to exact lengths).

contact cement or quick setting glue recommended, especially for permanence on the outer connections.

Begin by organizing the materials.

- + 42 green 2" sticks (12 for octahedron,
30 for inner dodecahedron)
- + 24 also green 2" sticks (tetrahedra)
- + 72 red 3" sticks (12 for cube, 60 for dodeca stellations)
- + 30 blue 5" sticks (icosahedron)
- + 60 yellow 8" sticks (icosa stellations)
- + 30 wooden approx 9" sticks (outer dodecahedron)
- + 36 5 sleeve connectors
- + 48 6 sleeve connectors
- + 6 8 sleeve connectors
- + 20 short sticks approx 5/8" (for connecting thru rubber sleeve centers)



BUILDING YOUR NEST...

A HOME FOR POLYGONS AND ANGELS

(ANGLES).

This kit is very easy to build, and can be comfortably completed in an hour or two. However it is recommended that you proceed at a gentle pace, savoring the experience; tell yourself that you would enjoy dreaming about what might fit in your new nest.

First check to see that you are not holding your breath, then...

Use 12 of the 2" green sticks and the 6 eight-sleeve connectors to build an octahedron. An octahedron (octa=8, hedra=faces) is a four sided pyramid on top AND on bottom.

Use only every other connector sleeve on the eight-sleeve connectors so that only four of the eight sleeves are filled. This will leave you room to add the tetrahedra later.

Check the picture:

Notice that your octahedron has 8 faces, six vertices (tips), 12 edges, AND 3 axis of symmetry (3 nice pairs of places where you can spin it between your fingers). Think about what must be the shape of an electron shell which supports 3 pairs of electrons; two directions of spin are possible at each spin axis.

Now use 24 green 2" sticks to complete two tetrahedron. A tetrahedron is like a three sided pyramid with four (tetra=4, hedra=faces) surfaces. Accomplish this at this point by very simply installing one 2" yellow stick into each of the now empty sleeves at the tips (not the center holes) of your green octahedron (6 sleeves times 4 empty connectors each=24).

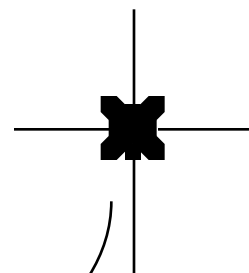
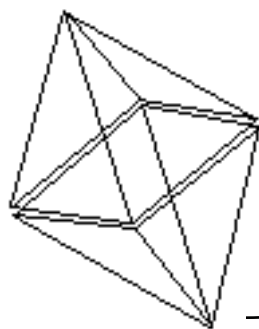
You are effectively building a

little tetrahedron onto each of the eight faces of the original

octahedron. Complete each tip by placing a six sleeve connector at the top of each of the eight groups of three. Again use only alternate sleeves in the six sleeve connectors, so that every other hole is left empty.

It is very helpful once you have reached this point to feel your model until you can see 8 little tetrahedron on the surfaces of the octahedron. See also how those green little tetrahedron taken as a group make two larger tetrahedron stuck "head to head" (as if seeing each other in a mirror), thus nesting nicely the central green octahedron. (Interdigitated tetrahedra).

Your 8 tips are now in position to make a cube. Connect the empty sleeves with 12 of the 3" red sticks to complete your cube. Notice that drawing all the diagonal lines on the cube faces, would complete the tetrahedra.



**notice that only
alternate connector
sleeves are used.**

Next use 8 small wooden sticks (about 5/8" long) to double up the connectors at the cube tips. Do this by placing one end of each little stick through the center hole of an empty six sleeve connector...and the other end through the center hole of a cube tip connector. Thus you are placing an empty six sleeve connector directly on top of each tip of the cube. Slide the connectors snug together in the center of the short little sticks. (This prepares your cube to seed the growth of a pentagonal dodecahedron around it).
Now use 2 new 6 sleeve connectors and 5 green 2" sticks to make a little frame that looks like this:

You might think of this frame as being a gabled roof to put on one face of your cube. Now build more of these little frame sets until you have six of them ready, one for each face of the cube. Again leave every other sleeve of the connectors empty.

Now put one frame (gabled roof) onto each cube face, again using only every other sleeve on the new six sleeve connectors you placed on top of the cube tips.

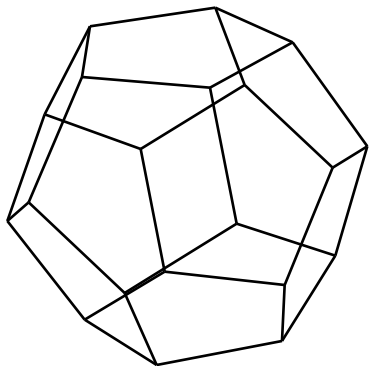
ALSO NOTE!... as you place the little frames on the faces of the cube, alternate sides so that every THREE legged side of the roof, touches around the cube edge to an adjacent TWO legged side. Notice that the surfaces you are creating around the cube are all pentagonal.. 5 sided.

As you proceed around the cube, putting the little frames on, check to see that you do not create any 4 or 6 sided new surfaces.

This portion completes your inner pentagonal dodecahedron (do=2, deca=10s, hedra=faces, $2 \times 10 = 20$ faces). Your completed green dodecahedron should look like this:

Dodecahedron: 12 faces, 20 vertices (tips), 30 edges.

Your green pentagonal dodecahedron should have 5 empty sleeves on each face, hopefully you used every other sleeve on all the six sleeve connectors you built it with.



Your model approximates nature's perfect nesting of the cube inside a dodecahedron. See if you can visualize how your same dodecahedron could hold a total of 5 cubes exactly as it does your red one. In nature's perfect model of this, if the dodecahedron's edge were 1.000, then the cube's edge would be 1.618... a very magical ratio.

If you were to place five cubes inside your dodecahedron instead of the one red one, they be arranged like this:

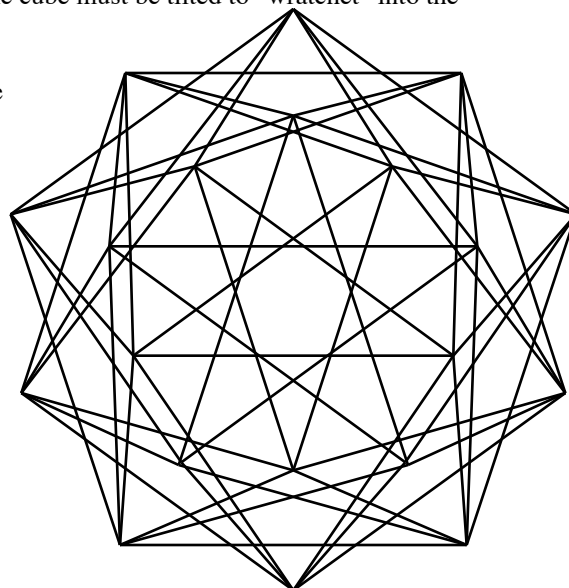
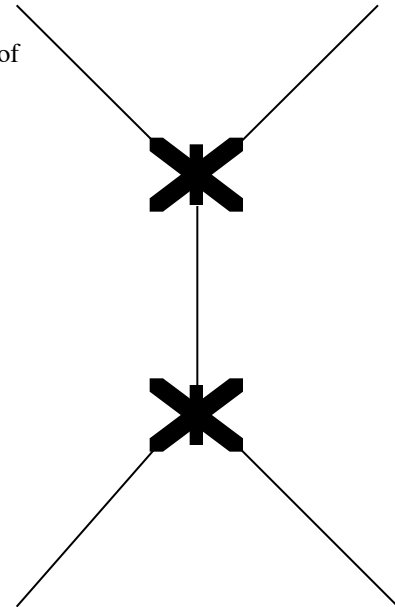
(The angle at which the cube must be tilted to "wrench" into the dodecahedron is very significant)

(At 32 degrees it is the

critical angle which permits the 3 spin space cube to enter the 4 spin space dodecahedron.. literally the next dimension. This tilt makes DNA of dodeca's, AND relates to the Earth's tilt in the precessional plane.. also cf Mathematics of the Cosmic Mind, by Plummer in the Theosophic Tradition.)

Next prepare for the next phase of growth of your crystal model by taking the 12 remaining 5/8" short sticks and place 3 of the five-sleeve connectors thru their center hole onto each little stick. Thus you will have 12 little assemblies with 3 five sleeve connectors pushed tightly together thru their center holes in the middle of the short sticks.

Now, taking your dodecahedron back in hand, place a



five sided pyramid like stellation on each face by placing a 3" red stick in each of the 12 groups of five empty sleeves. (60 total 3" red sticks). Use your prepared 5 sleeve connector groups, one on each tip of the 12 groups,

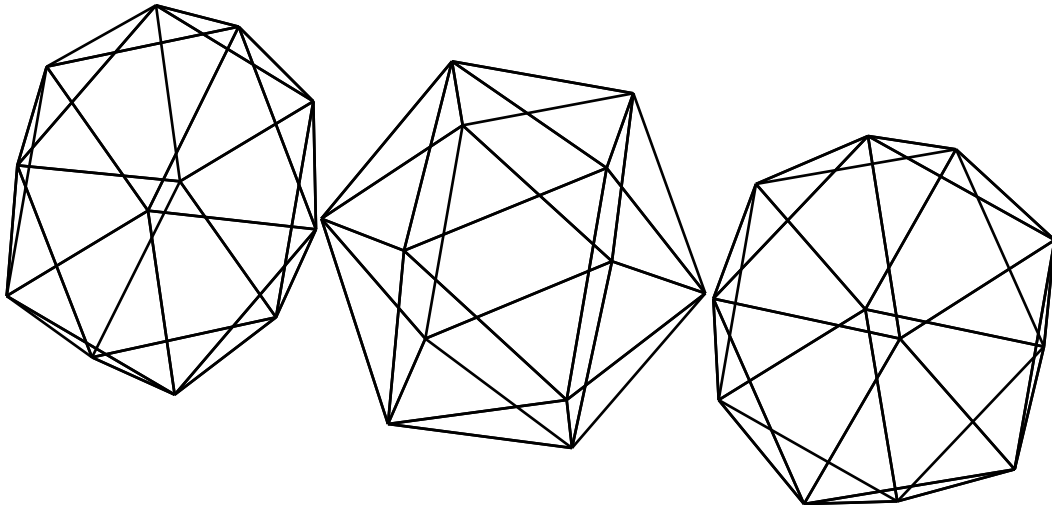


but **PLACE THE RED STICKS INTO THE CENTER SET OF FIVE SLEEVES**. So that at each new 5 sided tip you have a five sleeve connector fully used, with 1 empty five-sleeve connector **JUST INSIDE** the red tips, and one pointing outward.

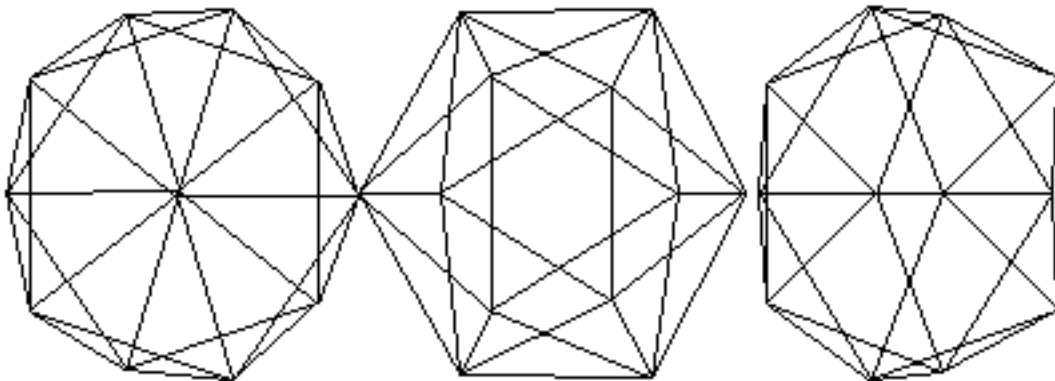
We will call the twelve sets of 3 five sleeve connectors, an **INNER** group, a **MIDDLE** group, and an outer group. So now the **MIDDLE** group of five sleeve connectors is all filled with the tips of the stellations from your dodecahedron. (Arrange the inner empty 5-sleeves, one sticking out between every pair of red 3" legs.)

Next, make an icosahedron by placing 30 blue 5" connectors between **ALL** the empty five-sleeve connectors in the **INNER** group. So your blue tips will all end up **UNDERNEATH** your red tips. Work slowly and gently; use a little glue if you need to. When you are done, your blue icosahedron should look like this, depending on from what perspective you view it:

Icosahedron: 20 faces, 12 vertices(tips), 30 edges.
(a kind of mirror image of the dodecahedron).



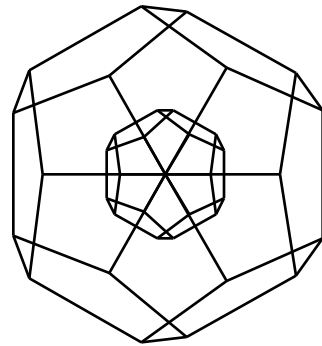
Next stellate every face of your icosahedron by building a three sided pyramid onto every face. Do this by using the 60 yellow 8" sticks. 3 sticks onto each face, times 20 faces = 60. Notice that you will fill all the sleeves in the outer group of five sleeve connectors. At the 20 new tips



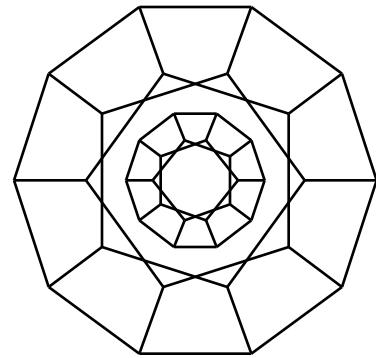
you create, use every other sleeve of the last 20 six-sleeve connectors.

Notice that this is like extending every icosahedron edge straight out to complete golden mean (1.618...) triangles. This is also exactly what you did when you stellated the dodecahedron earlier.

Lastly, you will use the 30 gold wooden sticks to complete the outer dodecahedron. In nature, these lengths would be exactly the same as the 8" yellow sticks, but we have made them a little extra long, so that you can easily trim them to length to make up for slight differences in the way the connectors go together. Use your small wire cutters to carefully trim each wooden stick to the right length to just nicely fit between all the remaining sleeves on the 20 tips; to make the familiar 5 sided faces of the outer dodecahedron. The same shape as the inner (nested) green dodecahedron, like this:



Or turn it to see this:



Remember as you trim approx 1" off the gold sticks to leave enough to go all the way into each connector at both ends. Do them one at a time, careful not to force the tips too much, get your lengths just right, so that your model will not keep popping apart from unresolved tensions.

(Psychological advice). Use glue where needed, fast setting contact cement works best.

Then relax and breathe, does your new crystal creates a field by its orderliness? ... an aura?

Does your attention precipitate the growth of a field around the crystal?

— —

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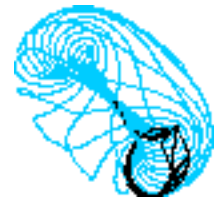
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title: SPACE AND THE LIGHT OF CREATION
author: KAUFMANN, GEORGE ADA pub: AUTHOR place: LONDON
date: 33 descr: (PROJECTIVE) RADIATION OF SPACE, MUSIC OF NUMBERS
media: BOOK subj: PG rating: P note: ANTHROPOSOPHICAL SOCIETY, NY, NY

title: SPACE STRUCTURES
author: LOEB, ARTHUR pub: ADDISON-WESLEY place: READING, MA
date: 76 descr: 3D FORMS HARMONY AND COUNTERPOINT, GRAPHIC
media: BOOK subj: G rating: B note: 0-201-04651-2

title: SPIRITUAL DOWSING
author: LONEGRIN, SIG pub: GOTHIC IMAGE place: SOMERSET
date: 86 descr: EARTH ENERGY DOWSING, HISTORY, & HEALING USE
media: BOOK subj: L rating: S note: 7 HI ST, GLASTONBURY, BA6 9DP

title: STRUCTURAL STABILITY & MORPHOGENESIS
author: THOM, RENE pub: BENJAMIN place: READING MASS.
date: 75 descr: CATASTROPHE THEORY..GENERAL THEORY OF MODELS
media: BOOK subj: GEB rating: P note: 0-805-39629-2

title: SYMPATHETIC VIBRATIONS
author: COLE, K.C. pub: BANTAM NEW AGE place: NY
date: 84 descr: REFLECTIONS ON PHYSICS AS A WAY OF LIFE
media: BOOK subj: P rating: B note: 0-553-34234-7
title: TABLE OF THE GRAIL
author: MATTHEWS, JOHN pub: ROUTLEDGE & KEGAN place: BOSTON, LONDON

date: 84 descr: GRAIL THRU AGES,DESIRE OF HEART, WORLDS NEED
media: BOOK subj: M rating: S note: 0-7100-9938-X

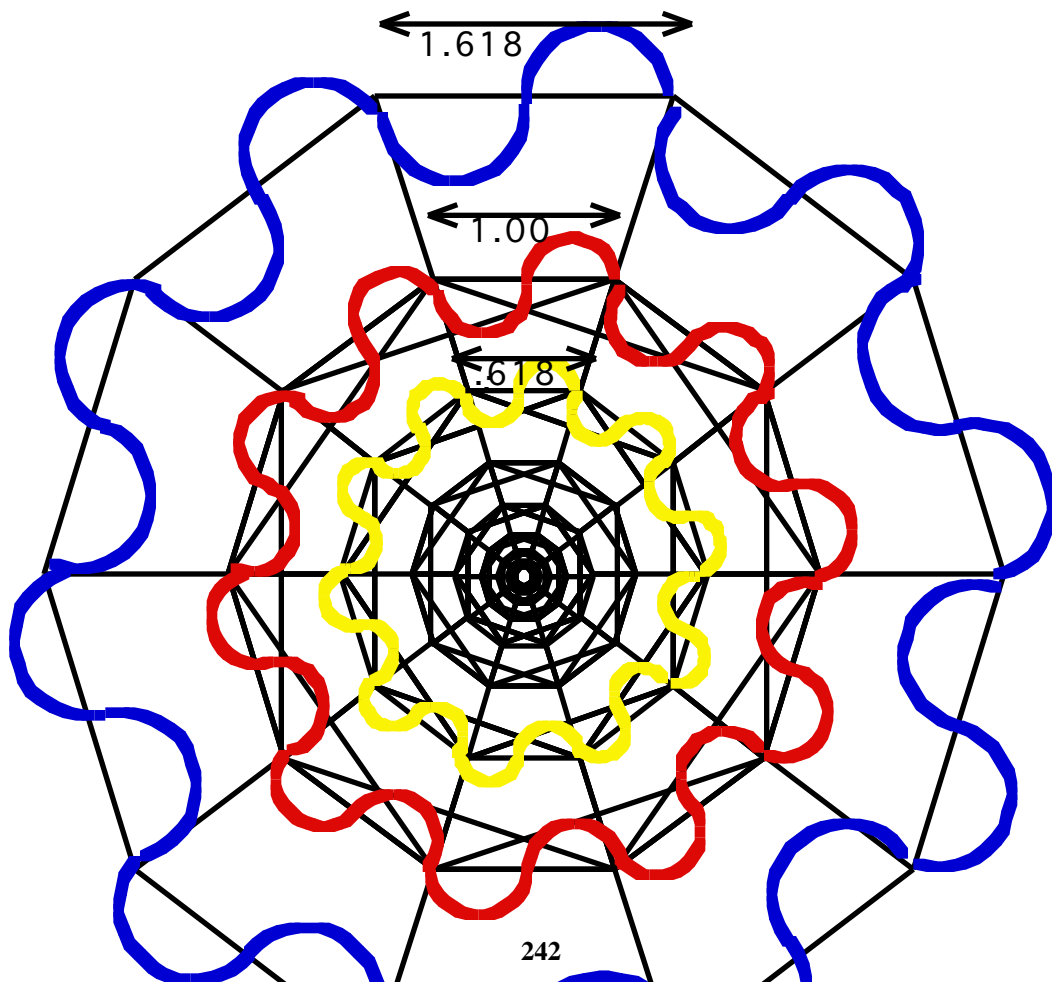
title: TUNING IN TO NATURE
author: CALLAHAN, PHILIP pub: DEVIN-ADAIR CO place: OLDGREENWICH,CT
date: 75 descr: MORPHIC-RESONANCE-ANTENNA-IN INSECT-PLANTS-MA
media: BOOK subj: B rating: S note: SHAPES&MONOLITHS&PARAMAGNETISM

title: UNIVERSAL ONE
author: RUSSELL, WALTER pub: BRIEGER PRESS place: NY
date: 0 descr: ONE UNIVERSAL WAVE NATURE OF MIND/ LIGHT
media: BOOK subj: PG rating: P note: ?HEALTH RESRCH,MONKELUME,CA

title: UNIVERSE IS A GREEN DRAGON, THE
author: SWIMME, BRIAN pub: BEAR & COMPANY place: SANTE FE, NM
date: 84 descr: COSMIC CREATION STORY,"FORGING THE COSMIC FIR
media: BOOK subj: MP rating: B note: CF ALSO CREATION MAGAZINE

title: VORTEX THEORY, THE.(UNIFIED FORCE)
author: GULKO, ARNOLD pub: VORTEX UNLIMITE place: WHEATON MARYLND
date: 80 descr: HOME BREW,PICTURESQUE,TOPOLOGICAL & RICH
media: BOOK subj: P rating: S note: 1835 ARCOLA AVE,WHEATON,MD2090

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This is one of 12 pentagonal views (previous page) of the concentric dodecahedra,



The Further Adventures of ONE..... Heart of Gold.

the only 3D form
which replicates itself fractally inside itself infinitely. (The dodeca is stellated to make icosahedron, stellated to make dodecahedron.....as constructed in the Star Mother Kit offered herewith.) The ratio is GOLDEN MEAN, 1.618... between every adjacent edge, infinitely. This is a heterodyne progression of standing waves which inclusively embraces sum AND multiple beats of the wave. It is the only such progression. The infinite nest of this progression in 2D is the nest of pentacles, which are replicated in 3D on EACH of the 12 symmetric faces of the dodecahedron nest.

This is the form which wratches to become DNA, it is the form of the gravitational grid of Earth (Anti Gravity & the World Grid), and it is the form of the twelve faced zodiac (Isis Unveiled). The fractal, self embedded relationship of this form is an information path which may be ridden. In other contexts it is described as Merkabbah, and the dimensions of paradise (City of Revelation, John Michell.).

The witch uses the pent form to project IMAGE between scales because it is the ONLY path between scales.

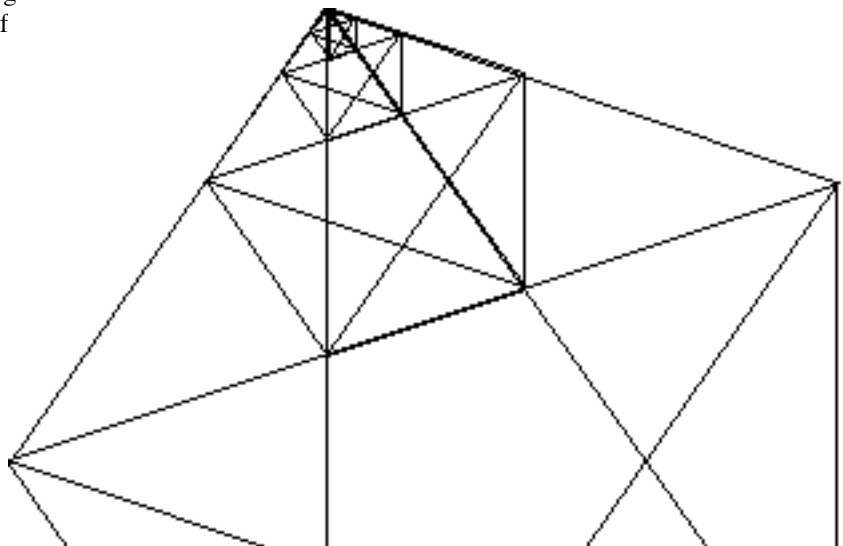
There are seven octaves between sound (which arranges the ecstatic process among the sonically superconductive glands), and light. Adding these seven turns of mind, at the chakra nervous plexi, requires a heart beat which knows this path, as ratio. The harmonic signature of love is lo-phi (Golden Mean) ratio. The sweet heart, charms the serpent up to drip nectar in the brain.

The tell tale heart's sonics reveal a golden ratio at the moment of love, as does the wave shape of touch for love, (Sentic literature).

(2 golden spirals, 2 flame letters, a heart with wings.)

Cardioid is the name for the sonic pattern which aligns all phases into ONE. It is named after the shape of the heart... of gold.

10 golden spirals, cross at an infinite nest of pentacles.



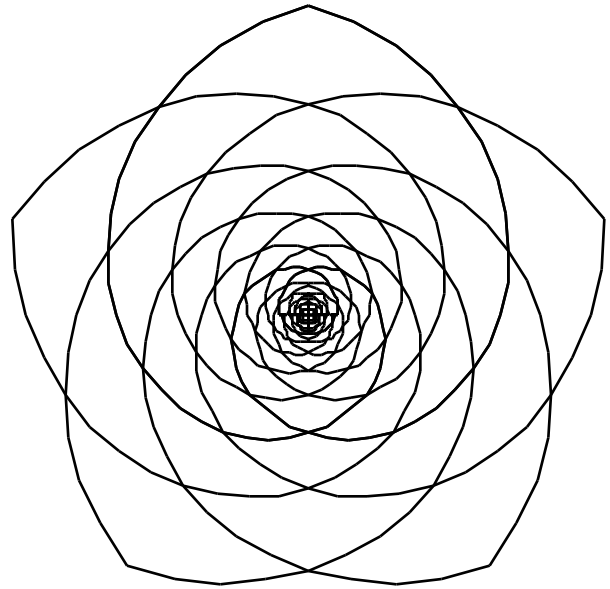
THROUGH THE GATES....

with grateful acknowledgement to
Benjamin Bell, for his inspiring input on the
CranioSacral Pulse.

BACKGROUND:

JOHN D. UPLEDGER of Upledger Institute, West
Palm Beach, FL.

describes a “triad of compression”, completing a
hydrodynamic membranous circuit of the brain and
spinal cord.



In the mythical literature by George Hunt Williamson
“Secret Places of the Lion”

refers to gates to all pervading vision guarded by the lion
(which is one of the persona of the sphinx.) We learn
that the sockets for swinging gates are still visible at the sphinx doorway to the pyramids in Egypt.
And that at one time the very mouth
of the ritually ebbing Nile lapped up against those gates. The secret places of the Nile
are traditionally known as the chakra like initiatory sites for the spiritual evolution
of those who could connect with the pilgrimage sites from the base to the mouth of
the Nile, similar to the base to the mouth of the spine.

In CranioSacral therapy, the cranium and the sacrum are moved by the
production of cerebro spinal fluid in such a manner as to create a hydrodynamic
pulse. This pulse represents a third member in the musical chord of the breath, and
heartbeat, in the body. It is a separate pulse; distinctly perceptible with light finger
pressure. It constitutes a liquid pump within the cranium and spine, with the
potential of drawing the sweet fluids output by the lower sexual glands, up into the
upper brain. (Even as it is described that one of the primal functions of the deep
passages within the pyramid functioned as a giant hydrodynamic water pump
during its construction). This liquid pathway within the body begins at the liquid
input to the lower spinal chord fluids, opened with the help of the pelvic tilt. This
input is fed by tantra and the kundalini process. Gurdjieff called this critical
opening “organ kundabuffer”. The liquid serpentine path processes up the spinal
core, called “sushumna” surrounded by caduceus “ida” and “pingala” (in yogic
terms). When this liquid pours its sweetness into the upper brain cavity, using the
glandular sonics as an envelope massaging pump, the “nectar of ecstasy” taste of
sweetness drips from the cranium onto the back of the tongue. Thus a biological
feedback loop is completed, reporting a successful harvest of feeling/emotion into the
stuff: “coherent emotion” which feeds the gravitational field body around us called
collective mind. Specifically, at that point a harmonic cascade information
umbilical is woven like Ariadne’s Thread to that ONE mind.

When the CranioSacral pump mechanism is freed by relaxation, and moves at
optimum rate, quality, symmetry, & amplitude, the resultant ideal fluid exchange
creates the conditions for joy and ecstasy.

Dr. Upledger has proven clinically that an individual cannot be depressed when in
this state. The release of Upledger’s triad of compression is primary in the
CranioSacral system’s optimum function. This triad of compression consists of
first: L5 S1 (lumbo-sacral junction), second: the atlas axis (are the top vertebra or
C1 & C2), and third: sphenobasilar junction — where the sphenoid and occiput join
at the base of the skull, or GATES to the brain cavity.

The CranioSacral pulse Upledger hypothesizes is created by the production of

cerebral spinal fluid in the sinus ventricles of the brain. The ebb and flow of this cerebral spinal fluid creates a flexion and extension of the cranium and sacrum, creating a (joyful?) radiation of this pulse throughout the rest of the body. The curve formed by the compressed cranium and sacrum is the deep resonating sound board without which the piano strings of the spine would sound hollow and empty. Later we will explore the ebb and flow of the Nile pushing the balanced gates at the doors of the sphinx, whose swing we may guess is tilted critically by the delicate balance of the fractal relation of the pyramid to the mass of the Nile river delta/ plateau on which it rests. (Actually the capstone was fractally 1/56th the area of the pyramid, and that was 1/56th the area of the Nile delta plateau which supported it, and that was 1/56th the area of the continent of Africa, and that was 1/56th the area of Earth). A fractal of this sort represents a progression where the ratio of the small to the whole, is repeated again in a relation to a still larger whole. Such a sequence allows for an information path between dimensions. We should investigate the mass/volume ratios of the perfect sacrum/cranium to cerebral spinal fluid, to the rest of the body.



The cranium and the sacrum mirror each other like gates in their movement. In order for these two ends of the triad to couple and link their movements in symmetry, they must be mobile and free. The architecture of the body is such that if the cranium is not supported in alignment with the spine, restrictions in the musculature, connective tissues, and energy body result. Optimum happiness/bliss is the result of having these systems flow freely. The sweetest nourishment of the cells of the upper brain is made possible by this optimized hydrodynamic pulse. The cerebral spinal fluid becomes a charmed serpent carrying the charge/sweetness (nectar of ecstasy) from the lower glands and orgone/orgiastic/tantric processes.

This Orgone energy (as per Wilhelm Reich) is a complex high frequency/ high information density output of ALL of the cells of the body. One of its principle bandwidths however is in the ultraviolet, as evidenced by the significant ultraviolet bursts accompanying the onset of the meiotic and mitotic cellular replicative processes. The cell has accomplished the weaving of many coarser bandwidths into the refined optical drivers for genetic replication. At such a stage the cell's finest product as information is perceived as orgiastic energy (hence the term orgone).

The concentration of attention which accompanies lovemaking, serves to gather these cellular emissions into the lower glands. The path from the optical to the sonics, which drive the "discipline of ecstasy", is exactly SEVEN octaves. This is illustrated classically by the addition of the petals to the spinning neuro-muscular plexi called chakra. This fluid energetic flow when in complete circuit from cell to lower gland to upper cortex, is perceived as sweetness or nectar in the brain. It is the biological reward/feedback for accomplishing the closure of the energy circuit of the glands, feeding the highest information gathering antennae of the human condition, the holographic, and multiply connected optical cortex. The sound of the "sweet heart" is the snake charming instrument, blown by the breath. The wind instrument like shape of the pericardium sack enveloping the heart cavity, serves as the resonator fluting the heart sounds along the serpentine harmonics of the spinal column.. whose very bones ring like a xylophone. The heart sack pericardium, resembles the shape of the crown worn by Osiris. (Ref: Doug Benjamin).

Emotions onset can be mathematically identified by sonic long wave coherence at the glandular centers (cf: work by Valerie Hunt et al.) . The glands produce a well described sonic alphabet ("Sentic"). This simplest of harmonic Jacob's ladder serves as the serpentine driver to lift the best orgone sweetness of the cells collected erotically, to where it can be harnessed by the resonance envelope we call collective mind: an emotionally woven gravitational bloodstream. This constitutes the long wave envelope of coherence we may call the mind of Earth.

High signal to noise ratio for emotion processing the vision of group mind, relies on the same self embedded riding of the long wave called “context dependancy” which characterizes the turn within a turn, called DNA (“Grammatical Man, Information, Entropy, Language & Life” : Jermy Campbell.) .. envelope within envelope, recursive, fractal, self-organizing/ drawn up by its own bootstraps.

The state of awareness that evolves out of this release and the understanding of this ecstatic human potential, opens GATES. These open gates embody the possibility of SEEING the connection between the architecture of the sphinx and architecture of the human being. Our dollar bill illustrates the all pervading eye of vision which SEES when the focal nest converges at the tip of the pyramid, which symbolizes the sonic focalizing liquid ventricular horns of the brain. The chakra glandular/nervous plexi are piezoelectric: sonically activated to secrete ductless hormonal psychoactive nectar. These critical “natural high” secretions regulate the arc conductive threshold of the synapse, and the onset of the phonon (sound) coherent superconductive ecstatic process. The pyramid shaped ventricular liquid horns focus sound on the pituitary/pineal glanular spark gap which is massaged to psychoactive ecstatic and superconductive choreography by “riding the long wave”.... arriving through these open GATES.

The reason the lion guards the gates through which the serpent passes (like Cleopatra’s ring), is that the lion’s absolute cool fearlessness is the absence of self destructive heat/disorder/resistance which controls the passage of superconductive electric presence of MIND. The tip of the caduceus serpents tail is the sting of the moment whose approaching infinite presence of mind is either burning fire or rapture depending upon the electrically conductive difference between fear vs. love.....LO frequency, PH(i) ratio... loph.



harmonic module for earthday.
PRELIMINARY OUTLINE..

“..FEELING THE FACES OF EARTH, IN SOUND AND LIGHT..”

FOR EarthDay global celebration events.
cf Bob Gulick, & the team.



(this conveys images from a dialog between a narrator (/narrators)
with whom the audience has already begun to develop
a feeling relationship, in the context of performance.
Multiple screens arrayed around the stage, aligned with speakers,
and laser screens above, are filled as the experience unfolds.)

Just like the little bugs crawling around the surface of an elephant... a certain sequence of pictures in time and space are required to convince them they are living on the surface of something living. The pictures which convince the mind that there is a 3D position face map of whom it is they live upon, are made up of samples of sound and light. The viewpoints from which these perspective samples appear can be called either faces or facets. The process of nourishing a 3D view from two dimensional perspectives is “consumed perspective” or consummate perspicacity.

This is like the moment when a series of flat photographs flashing in front of you, become related enough to each other, “in phase” for your mind to quantum leap to the conclusion that this a 3D object spinning in front of you. This careful arrangement of a series of flat images -in phase- is called “animation”. Your image is flat dancing in flat-land, and suddenly “leaps” into the next dimension.

In a dance this process of systematic movement to wratchet on the floor (like ritual), as if catching the points of a 3D object spinning through a piece of flat paper, is called “a rhythmic traverse”. A ritual dance samples space in time, to leap into the next higher “dimension”.

Suppose you were quite alive and conscious entirely existing on a flat piece of paper.. your whole world was flatland. Suppose a cube tilted up on its tip, were to pass through the plane of the paper. You with only awareness in “flatland” would see first a dot then a gradually widening triangle then a square then triangle then dot... yes a cube passing through a paper leaves a trail which may be hard to interpret. You might spend lifetimes sampling the light trails of a cube passing through a plane, before you “grokked” what IS a cube. (Living in dimension N minus 1, is very limiting to lovers living in more spin symmetry). Enyhoo, if you were to begin to dance in a circle..A RHYTHMIC TRAVERSE.. (a pilgrimage) around your paper as the cube passed through, you would begin to “consume perspective” samples from different faces or phases of the cube as it passed though. As a result your IMAGE/concept of cube would brew up much more quickly.. “Consumed Perspective” is what you thought were many different shapes, were just several sample views or faces or phases of ONE body.. in another dimension.. “e pluribus unum”.. “from many one”.

Another description of this is the relation between the reference beam (the rhythm), and the interference beam (the information in the 3D object spinning through the plane), in a hologram. In the parlance of romance, this is labeled “tripping the light fantastic”.

The ear does something along the same lines, which is quite famous among scientists. Suppose there are two flutes playing in a room. Suppose further that they are both playing a related tune, at the same time. If you are in the room with them playing, even if your eyes are closed, chances are you will know where the flutes are playing, with respect to your own position. This skill built into the shape of our hearing system is called “echo-location”. (Something for which dolphins are famous). In studies in the navy to help submarines know where they were by sonar or sound, it was discovered that the particular ability to echo-locate was much related to the shape of the pinna, the outer ear. It’s spiral curve pathway to wave guide sound to the eardrum membrane microphone, is carefully designed to align and measure the “phase” difference between groups of incoming sounds. This means, that even if both flute players were playing the same note at the same instant, you would still know where they were in your room by which sine-wave-front or phase, reached your ear drum first.

So nature has arranged this powerful subtle system for us to grok where we are among things, by the timing of incoming sensations. Scientists called this “timing is everything principle”.. phase relation. It is not entirely unlike the genetic flower unfolding we call the similarity of looks in a family: “..face relation”. The child knows better who it is by blinking “samples”, looking around at the pattern of faces in “relation” to the family.

—

The planet has faces??

Faces on the skin (biomass) of Earth are a record of the shapes of Earth’s emotional history. Only for Earth, this history is stored in a more crystal liquid than human muscle. Emotion knotted into muscle becomes a human face. Compare the face of the planet to the face of a person. Memory lives in both. Geological layering is storage of emotion/feeling/grid/collective geometry of touch??

What is memory, but a wave which re-members how to stand.. ONLY symmetry on surface (skin) allows waves to stand. Fold in memory. Knead the bread. Memory has a form. The shape (EVE) tempted ADAM (red making or hard making power). The duration or existence.. (as in nothing real can be threatened..) of the memory is the stability of the wave...

We find that the surface of a cell is folded because the shape of the fold stores memory of touch. So the shape of the membrane or skin of the cell as A FACE, becomes a history of all the ways it has been touched. (Touch can only be stored when pressure waves stand on a surface.) Waves can create something. Memory is that. They are stored on surface when they phase lock, and are able to resonate or “stand” coherently.

So here we are, this large circle of friends, who would like to be introduced to the many faces of one earth. Before our time of being able to recreate a kind of electromagnetic noosphere, this would have required a “pilgrimage”. Today we can take this feeling journey with our extended electronic senses. All this so that we can recognize or re-member HER (Mother Gaia), and then ask her what she needs.

So let’s take this tour of the faces, the phases, the personalities of one Earth. We shall take this spinning tour by sampling in time the sounds, the lights, the “feelings”, the electromagnetics, of the spaces/faces of Earth.

First it is necessary to know something about how Earth herself uses sound and magnetism. In the realm of sound, this principle of aliveness, is called “bioacoustic habitat theory”. What we have learned is that forests use the sounds of the critters to make a sonic blanket which functions very much like skin. If one species dies, the forests scrambles to replace the particular wave

length of that species sounds. The reason for this is easy to understand. Just visualize what would happen to your grandmother's woven blanket, if you pulled out all the threads of one color, or wavelength. The forest maintains an immune system, an identity by keeping her sound blanket skin complete in all her threads of waves. (The sound samples play from "Gorillas in the Mix" album by Bernie Krause expert from Wild Sanctuary Communications Inc.)



Notice how the sounds of the place evoke the "feeling" of the place. This is because emotions travel as long wave pressure envelopes woven on sound, called "Sentic". (The video excerpt from Nova on "What is Music" plays with Manfred Clynes from Australia demonstrating how long waves of "touch" are an alphabet of emotion. Waves of touch are waves of pressure the same as sound, and when woven into music help evoke emotion.)

In the forest this massaging of the envelope of sound actually helps food go through the membrane of leaf surfaces. This is called "Sonic Bloom". (Visuals from Dan Carlson using bird sounds to help plants grow 2 and 3 times their normal size, scroll past). It is helpful for us to understand that food is another name for order stored in waves. Coherent sound order massages nested family rich order into the molecules of water. This makes the water containing the minerals on the leaf skin, closer to the structure of the super orderly liquid crystal water inside the leaf. This is why mist and sound from the forest makes your skin quiver with feeling.

Next we will sample some of the feeling contained in the magnetic field of the forest, in order to touch the faces of Earth. Think of the body of Earth as a kind of giant stone and water mineral ball, trying to cook up biology. In the primal soup, there was the need for a master crystal to do the timing for the new computer being born. Fortunately, since timing is everything, there was a master heartbeat available, to choreograph the birth of biology. It was based on the time it took an electromagnetic wave to go around the Earth's skin, bouncing between the surface and the ionosphere. The first time scientists measured this low power electrical heartbeat of the planet, doctors refused to believe it wasn't the EEG graph of a human being! This was called the Schumann resonance of Earth. We have carefully arranged to help share the feeling of Earth's heartbeat with you here today. Of course, if we were all in a pristine forest with only the quiet forest sounds, this electromagnetic feeling would come through naturally. But since most of us live in places where our culture has created electromagnetic noise which confuses the heartbeat of Earth feeling, we can use our amplifiers to help us "catch the beat" again. First we use this sound surround sample of a forest. (the forest acoustics plays on multiple tracks). Now we display how the heartbeat of Earth looks with this laser light painting donut circles, using mirrors moving in time to the Schumann resonance of Earth. (Moment of peace.. to feel..)

Next we will play that additional track of the Earth's magnetic ambience by adding this deep, approx. 7.8 hz complex wave to our

sound surround, using special speakers .. (Another moment of peace..)

Next we will add the actual electromagnetic field of a pristine forest to our environment by feeding this signal to low power electrostatic charge surfaces located around our stadium. We will do this very gently, with low power, just so the sweep of the wave can be felt. (This technology is very simple, low watts into inexpensive charge plates like a few sheets of foil interspersed above and below, does it nicely). (A gentle tickle of added presence, sweeps the audience).

(As the amplified surround gently fades, the speaker quietly continues....)

So as you can tell, Earth is definitely in the activity of creating FEELING, by her waving constantly to find structure.

But you might ask, why does Earth need us, in order to complete her skin. What is our relationship, our position, in this nest?

We are like a little fetus baby, cradled in the nest of Earth's grid. How it feels to be nested and cradled is something we can also create a bit of the sense of, in our "harmonic module" environment here.

The baby is floating in liquid in the womb, listening to "lub-dub" heartbeat above. And hearing the pressure wave of that mother's heartbeat, the baby hears a quieter third beat as the pressure wave bounces off the aortic split in the bloodstream just below the womb. The sound wave of pressure in the bloodstream there in the womb, therefore sounds like...

"lub-dub-db,, lub-dub-db...." (the waltz like actual sounds of the heart heard from the womb play). This is why the waltz is the music of romance and the heart. And it is why in the waltz the accent is always louder on the first beat than the last. It was the reassuring sound of a healthy mother to a growing fetus.

Notice how loving the feeling of this sound can be.. (moment of silent listening to the sampled sounds..) We begin to hear the actual amplified heart and breath sounds of the speaker, begin to relax into phase lock. The laser displays the circling donut Lissajous of the heart. The speaker offers heart sounds recorded from moments of love, mother to infant. Then the heart sounds of Mother Theresa, and/or other spiritual leaders are introduced and experienced. The audience is nested in a womb of heart sounds, light pattern, and relaxed entrained breathing.

Now using sampling technology we begin to play the heart sounds symphonically. (Constance Demby's new creation synthesizer music with tracks from these sounds, begins). We add the sounds of the relaxed breathing mother. We add the sounds of the relaxed breathing mother Earth. The 3D images of the average ocean temperatures (changing like a breathing wave) which control plankton oxygen uptake, the breathing of Earth, are animated to 3D on screens. (The work of Mark Sutton, with NASA, from TX, he has volunteered his work).

The lasers begin to image a dodecahedron spinning, which is the actual grid of Earth. The work of Chris Bird and the Russians, and "Anti Gravity and the World grid" is displayed showing the 12 faces dodecahedron shape of the Earth grid. Multiple views showing the perspective from 12 light cones, phase past the

screens, using many of Bob Gulick's Gaia conference slide show of Earth as a living body.

The work of Franklin Lavoie on the 12 faces of the Zodiac then are overlaid and interplayed. The faces phases of our Zodiac as the images of multiple faces of ONE experience begin to lock into perception. (More material from Franklin on the sense of identity for Earth based on place in the ONE body of the Galaxy, and how to sample views to know that..)

Then we slowly add animations of how the Sun's cycles and periods, when we speed them up by sampling our views, make the pattern of DNA, the "I CHING", and the Mayan Calender of the ages. (Images from Jose Arguelles, also Mark Sutton has done some computer displays). From 2D to 3D this set of patterns makes a grid which the Solar heartbeat is creating to nest the fetus of Earth. By speeding up the pattern of the Sun's "spots" we can sample and "envelope" their pattern in our feeling. Their sound and sight are fed to us in our module.

The shape of DNA appears dancing off the screen, a series of the same dodecahedron wratcheting a stairway out of a cookie cutter.. the Solar calendric codon pattern.

We begin to notice that the DNA chain being extruded like a cookie cutter visually in front of us, by the Solar heartbeat, has 22 faces per full turn of the DNA ladder. We notice visually that the tilt of the ladder rung is what connects it to its nest. Using a flame letter strip shape off the heart shape for every face, we notice that these twenty two views tilt in front off us creating the shapes of the original 22 Autiot, the letters of Hebrew! Using this sample Golden Mean "Flame Letter" strip wrapped over the primal heart/donut, spins slowly on the screens in front of us. By stopping these spins in sampled time, the perspectives appear which are each letter of Hebrew, Greek, and Arabic alphabets. (The speaker discusses a favorite founding principle of America: "From Many: One.")

The image of the Flame Letter strip off the heart shapes making genetic material, merges with a human egg/zygote just dimpling into a heart/donut shape. The donut egg flows it's surface INSIDE OUT to pass it's shape of membrane to other cells to replicate into fetus. This is how it passes it's inner secrets out to make inner organs from outer surface and vice versa. Ultimately the umbilical cord of bond to mother only occurs if the egg learned how to turn inside out. The sequence of moves of the donut to turn inside out, become the faces of the shadow of the golden spiral mapping the donut. Looking at the walk around the donut/egg using these shadows of ONE strip.. apple peel, we notice that the letters of the first verse of Genesis.."At first in Principle", are exactly that sequence of shadows. ... Focused on the center as we turn to face our outside from our inside.. Instructions on how to take that "first move we ever made".. a heart overflowing with love..

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4 page graphics sections will be appended on Earthnet via MacConnect, Peacenet readers are invited to request graphics directly..



