

“Origin of Biologic Negentropy”

Dan Winter

New Book same title at:

Lecture presentation at:

Scientific Medical Network

explore.scimednet.org/index.php/events/event/continental-meeting-2016-convergent-evolution-attractors-and-love-2

Continental Meeting 2016

Convergent Evolution, Attractors and Love

September 30 – October 2

Casa San Bernardo, Rome (www.casasanbernardo.it)

PROGRAMME

Friday, September 30

18.00 Dan Winter: *Electric Origins of Biologic Negentropy: Wave Mechanics*



*Golden Ratio- Perfected FRACTAL
Phase Conjugation (of waves of charge)
is the Electric Origin
-Cause and Mechanism of:
All Centripedal
and Self Organizing Forces
Including..and Especially:*

Dan Winter

www.fractalfield.com

www.Theraphi.net

www.ImplosionGroup.com

www.goldenmean.info

Breakthru-Technologies.com

www.TheImploder.com

www.HeartsRing.com

& Special Thanks to
Jan Cisek itHRVe.com

- Gravity

- Life Force

- Perception

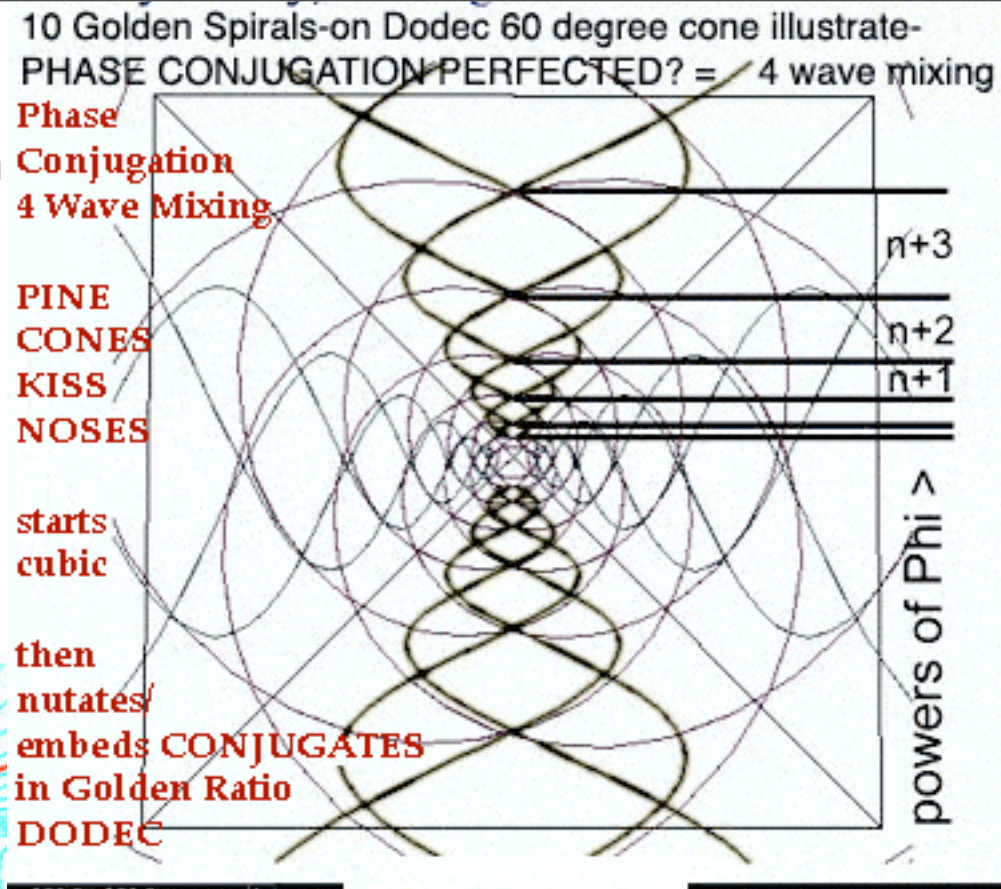
- Bliss / Enlightenment (end of Addiction A.D.D.)

- Alphabet & Symbol

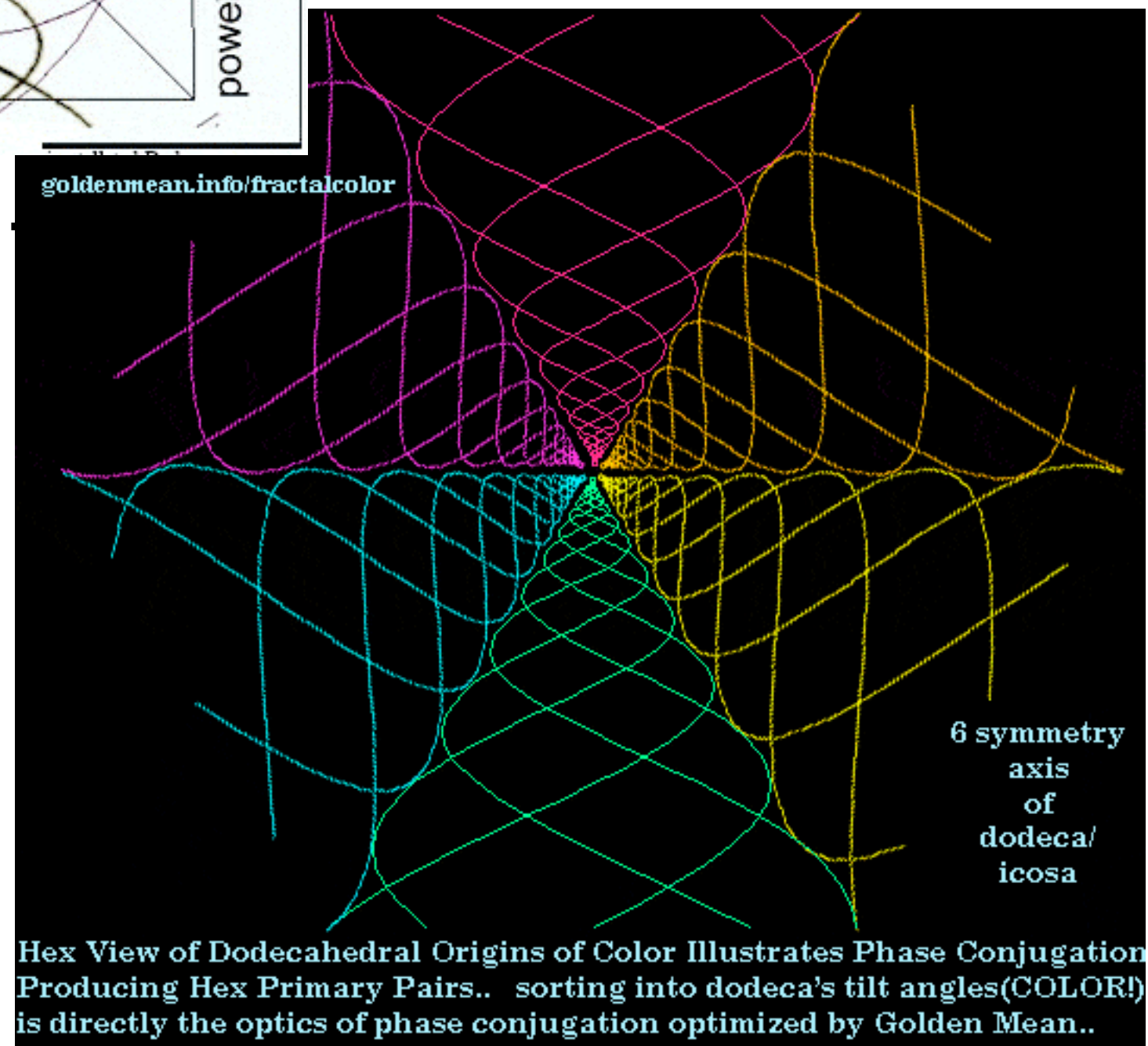
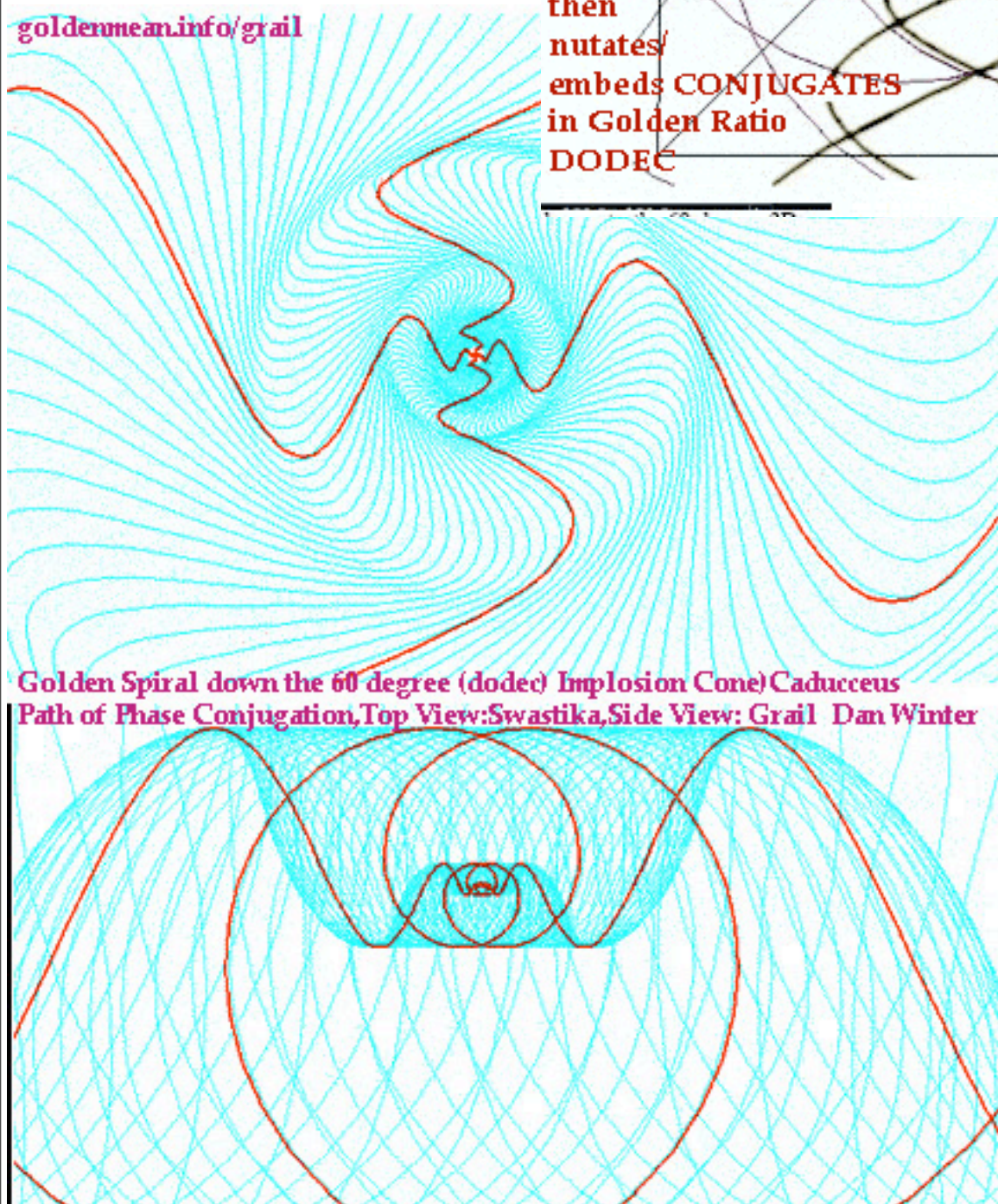
- Color

- All Self Organization / Negentropy
/ How Wave Systems Emerge from Chaos

How phase conjugation works:
4 wave mixing
in phase conjugate
(laser) optics..



Conjugate vortex
symmetry is optimized
by golden ratio:
'Pine Cones
learn to perfectly
kiss noses'
(charge collapse into
perfected charge distribution
at the planck sphere)



My Hypothesis: Negentropy in general - and centripetal forces
(gravity, life, consciousness and color)
are caused by golden ratio electrical phase conjugation
precise charge collapse/implosion to the planck sphere.

fractalfield.com/conjugategravity

fractalfield.com/conjugateperception

Evidence:

1. Negentropy / self organization is well proven in phase conjugate optics.
2. We proved by new wave equations- golden ratio perfects constructive charge interference- therefore compression and phase conjugation: www.fractalfield.com/mathematicsoffusion
3. I developed extensive new proof that this phase conjugation by precise integer golden ratio exponents of planck (length and time) - predicts....

Dan Winter's compelling formula: THE Fractal Physics:

Exact integer exponents of golden ratio (phase conjugate) multiples of PLANCK length and time

Graphic: the back cover of his new book www.fractalfield.com/fractalspacetime

Animated in 3D: www.goldenmean.info/grail

- the generalized wave geometric cause of gravity, life force, and biologic negentropy
- why objects fall to the ground
- how wave geometry creates negentropy so well proven in phase conjugate optics
- how Earth and it's Schumann harmonic cascade (Dan newly proved is a precise 'conjugate pump wave') creates the self organization evidenced in the GAIA HYPOTHESIS
- golden ratio phase conjugation is the only wave geometry which defines a 'fractal field'
- these virtually exact integer exponents of golden ratio (phase conjugate)

multiples of PLANCK length & time predict:

(Dan Winter's original discoveries)

- * multiple exact radii of hydrogen
- * the exact only 2 frequencies which motorize photosynthesis
- * virtually exact Schumann Planet harmonics
- * the brainwave (ALPHA / BETA) frequency cascade of peak perception / bliss
- * virtually exact duration of the Earth year and Venus year
- * virtually exact frequencies PRIORE and also RAUSCHER used to heal
- * exact frequency and geometry used to create commercially proven life giving (bioactive) fields at

TheImploder.com (hydrodynamic implosion) and Pyraphi.com (capactive implosion)

and the PRIORE rejuvenation field. (phase conjugate plasma time-reversal)

www.goldenmean.info/phaseconjugate/RejuvenationFieldTech.html

And documented rejuvenation effect:

www.imploderspa.com/ImploderSpaBrochure.pdf

"God is the perfectly replicable part of the pattern/wave /meme

because charge distribution perfected conjugation / fractality

is what make any field centripetal, negentropic, and hence mindful..

God's domain- Dominus Vobiscum: literally- The Divine=Perfectly Branched

Update: May 2015

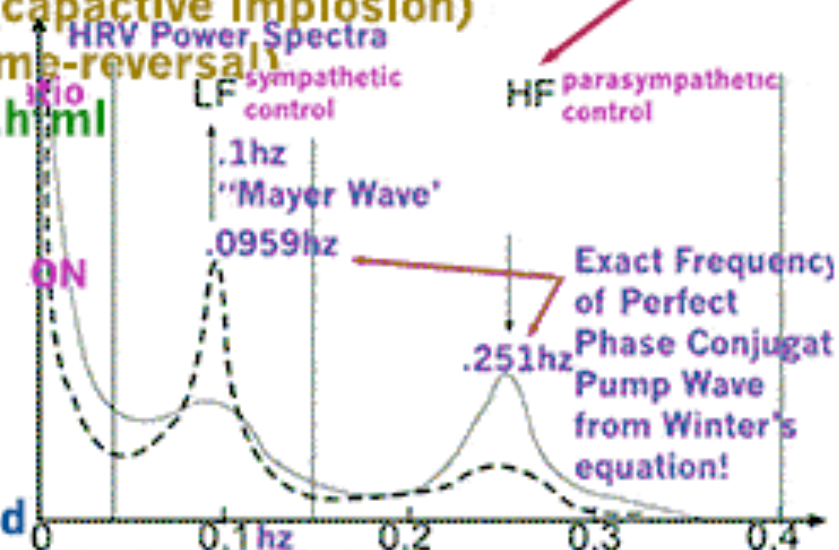
Winter's equation

Perfect Implosive Negentropy

ALSO predicts ADP/ATP Wavelength

AND- exactly the

HRV LF and HF frequencies!



Mark Rohrbaugh (we co-authored the CONJUGATE GRAVITY article www.fractalfield.com/conjugategravity) looks at my work on conjugate hydrogen, blog phxmarker.blogspot.fr

Hydrogen Radii I, II, III, Using Google Calculator

Dan Winter's amazing breakthrough work / equation is of the form:

$$\text{Radii or Wavelength} = \ell \times \phi^n = L \times \Phi^N$$

where

$\ell = L = \text{Planck Length}$

$\phi = \Phi = \text{Golden Ratio}$

$N = n \in \text{Integers}$

Here is using the google calculator in Chrome to calculate h

$$\text{Radii I} = \ell \phi^{116} = 0.282527789\text{\AA}$$

$$\text{Radii II} = \ell \phi^{117} = 0.457139566\text{\AA}$$

$$\text{Radii III} = \ell \phi^{118} = 0.739667355\text{\AA}$$

$$\ell = L = \text{Planck Length} = 1.61619926 \times 10^{-35} \text{ meters}$$

$$\phi = \text{goldenratio} = 1.61803398875$$

Google Calculator Links for Hydrogen Radii:

[Radii I](#)

[Radii II](#)

[Radii III](#)

Here is proof that Dan Winter located, identified and mathematically proved **Protons (and Gravity) exist because of the fractal structure of hydrogen**
FRACTAL / Conjugate Embedding in the Electron

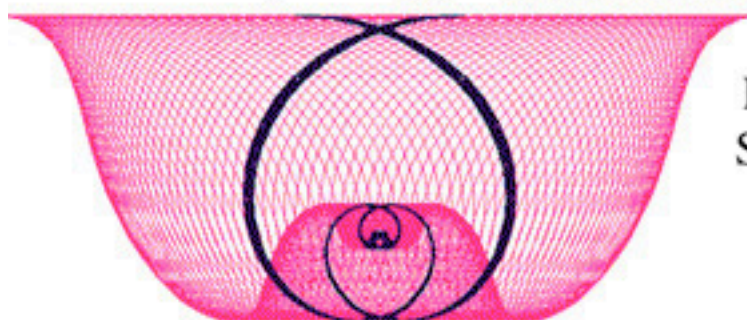
Only the Golden Spiral charge compression trajectory allows the phase **VELOCITIES** to interfere / heterodyne recursively constructively.... **THEREFORE** Only this geometry turns charge compression toward center .. in to charge **ACCELERATION** toward center.. named **THE GRAVITY**.

Dan Winter's new equation accurate **HYDROGEN RADII**

Phase Conjugation **R1 = Planck x Phi^116**
in Hydrogen **R2 = Planck x Phi^117**
The Smoking Gun! **R3 = Planck x Phi^118**

Planck Length
Phi= Golden Ratio

For the power of this frequency signature on plasma: Theraphi.net

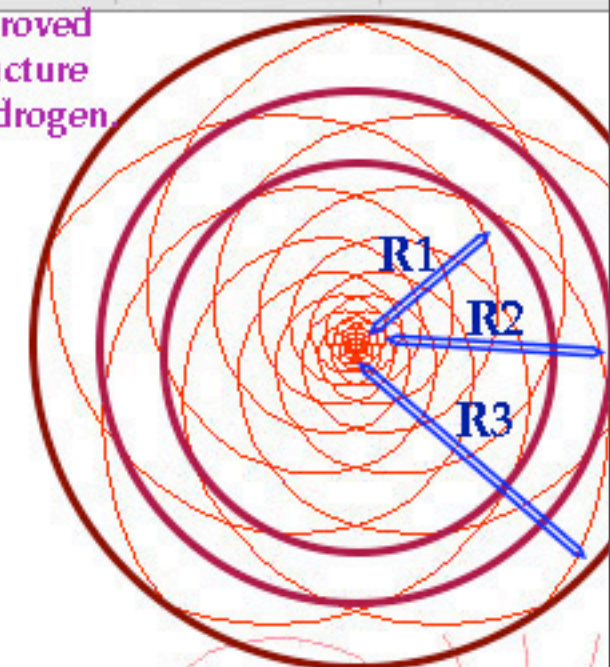


Golden Ratio
IS Self-Similarity
Perfect - Therefore
this IS Fractality
Perfect!

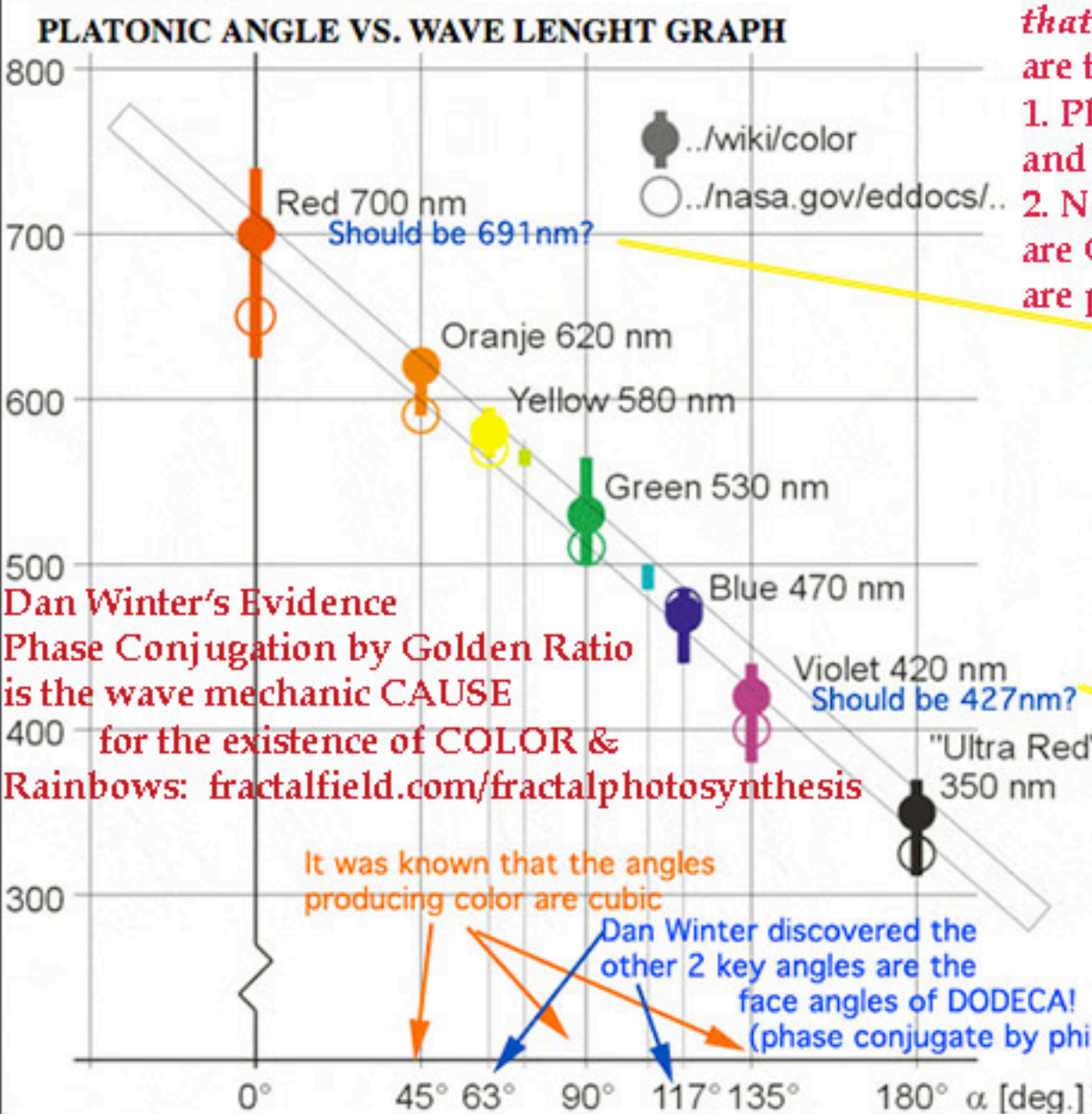
The "Holy Grail" of Fusion / Implosion
also reveals the electrical nature of compassion: perfect compression
Dear Scientist: if you say golden ratio phase conjugation
is NOT the cause of gravity- then pray tell us..
why is HYDROGEN BUILT THAT WAY????

Here are 3 views of the Spiral
Spin Path to the "Zero Point" /
Implosion..

Top / Oblique / Side..



For me then I strongly hypothesize - that the REASON color exists - is that the photons as toroids are forced to angle their relative approach in 3D to the DODECA faces- this ALLOWS them to PHASE CONJUGATE CONSTRUCTIVELY - and THIS is what causes them to emerge at the dodeca face angles CALLED- COLOR!



Dan Winter's Evidence
Phase Conjugation by Golden Ratio
is the wave mechanic CAUSE
for the existence of COLOR &
Rainbows: fractalfield.com/fractalphotosynthesis

3 dramatic new physics equation evidences from Dan Winter

that color perception / and biologic photosynthesis

are the SAME NEGENTROPIC PHASE CONJUGATE COLLAPSE wave mechanic

1. Photons (travelling toroidally)- within the visible octave- the red 691 nm, and purple 427 nm are EXACTLY phase conjugate exponents of planck..

2. Note bottom left- platonic symmetry tilt angles of ALL the primary colors are CUBIC (red 0 /orange 45 /green 90 /violet 135) - while Yellow/Blue are precisely the 63/117 degree DODECA PHASE CONJUGATE face angles!

Photosynthetically Useful Radiation.

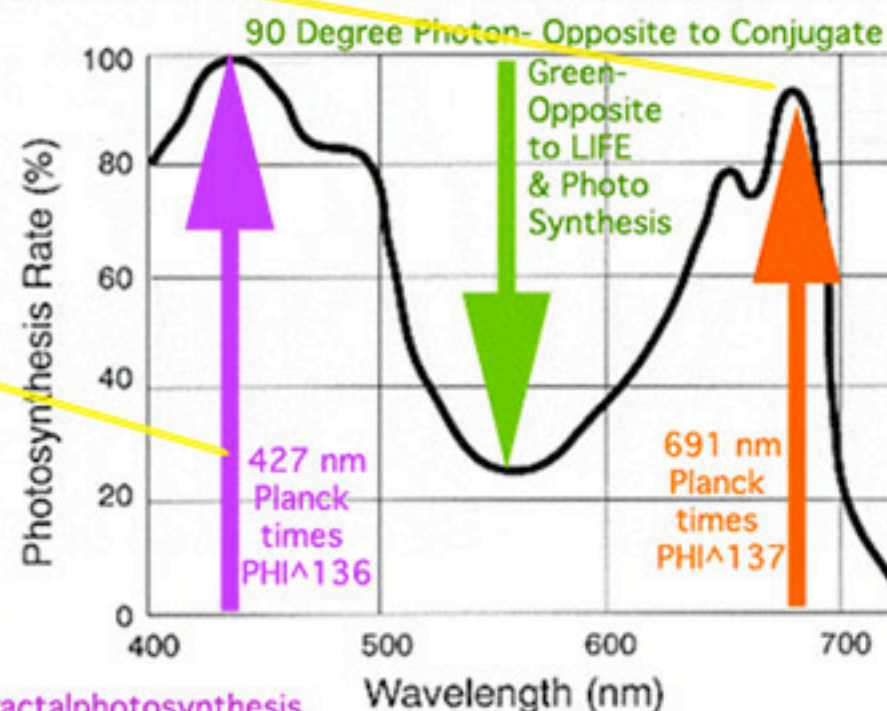
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PHASE
CONJUGATION
-Golden Ratio
times
PLANCK
LENGTH

predicts
CHARGE
DISTRIBUTION
EFFICIENCY

THEREFORE
LIFE

discussion
fractalfield.com/fractalphotosynthesis



and
3. as Dan proved
THE 2 frequenc
of Photosynthes
are exactly
phase
conjugate
(exact golden
ratio) exponents
of planck
length-
per Dan's
equation.

Dan's perspective: RE: new symmetry model of ORIGIN OF COLOR - below - based on DODEC - Dan suggests that the most likely reason the primary colors frequencies (P1=R, P2=Y, P3=B) differential angles are accurately predicted by the dodecahedron planes central angles is because PHASE CONJUGATION is specifically permitted BY THE GOLDEN RATIO stellations of this dodecahedron. He hypothesizes that the REASON the photon toroidal vortex HAVE to find dodeca symmetries -and thus create COLOR- is because that dodeca array is the only way PHASE CONJUGATION and therefore 3D sorting / successful compression + distribution can happen.

FractalU.com Advanced Geometric Physics- course Sept 11, 2016

with Mark Rohrbaugh and Dan Winter - Sun. 2PM NY time

In this course we will be reviewing solutions to advanced physics problems using Nassim Hamein's work, Dan Winter's equations, and showing the simplicity of the approach. Using a basic geometric and information theory approach, assuming a constant density of the vacuum, we will solve for the black hole mass-radius relationship, the proton mass, the proton radius puzzle, the electron mass, and present a few new precise equations for the proton to electron mass ratio and Avogadro's constant, and examine some of Winter's phi ratio and Planck unit discoveries.

We will relate this to sacred geometry and Dan Winter's phi ratio discoveries and discuss the importance of this material and the implications to this new way of thinking about the vacuum – the fabric of space-time.

Link to Sacred Geometry and the Phi Ratio

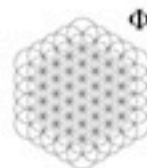
- Tetrahedron is fundamental building block
- Platonic solids
- Phi ratio in nature due to the natural growth – building of structure

Cartesian coordinates					
Figure	Tetrahedron	Octahedron	Cube	Icosahedron	Dodecahedron
Vertices	4	6 (2x3)	8	12 (4x3)	20 (5x4x3)
Orientation set	1 2			1 2	1 2
Coordinates	(1,1,1) (1,-1,-1) (-1,1,-1) (-1,-1,1)	(-1,-1,-1) (-1,1,1) (1,-1,1) (1,1,-1)	(x1, 0, 0) (0, x1, 0) (0, 0, x1)	(x1, x1, x1) (0, x1, x1) (x1, 0, x1) (x1, x1, 0) (0, x1, 0) (x1, 0, 0) (0, 0, x1)	(x1, x1, x1) (x1, x1, 0) (x1, 0, x1) (x1, 0, 0) (0, x1, x1) (0, x1, 0) (0, 0, x1) (0, 0, 0)
Image					

from: https://en.wikipedia.org/wiki/Platonic_solid

9/10/2016

Advanced Geometric Physics Solutions by Mark Rohrbaugh



$$\Phi = 1.61803398875$$



Reconstructed via Dan Winter's
Equation 1 (2005, 2006)

Phi, ϕ , the golden ration, $\frac{1+\sqrt{5}}{2}$ is found in relating the Cartesian coordinates of the Platonic solids. Dan Winter's equation: $= \ell \times \phi^n$ has been found to fit many natural phenomena and relationships. In large part this is due to the IVM, (Isotropic Vector Matrix) nature of the fabric of space-time. The IVM is the only matrix that allows for and equal and opposite force. L, ℓ is the Planck Length.



click to download course visuals PDF

MarkRohrbaughAdvancedGeomtricPhysicsSept112016.pdf

Link to Sacred Geometry and the Phi Ratio, continued

- $Orbital\ Year = Planck_time \times Golden_Ratio^N$
 - $Year_{orbit} \cong t_{\ell} \times \phi^N$
 - Venus Year, $N = 240$
 - 365.25 days (Earth year) divided by PHI gives the days cycle of Venus (225.7).
- Wavelength of Light for Photosynthesis

Planck Units:

$$Planck\ Mass: m_{\ell} = \sqrt{\frac{\hbar c}{G}}$$

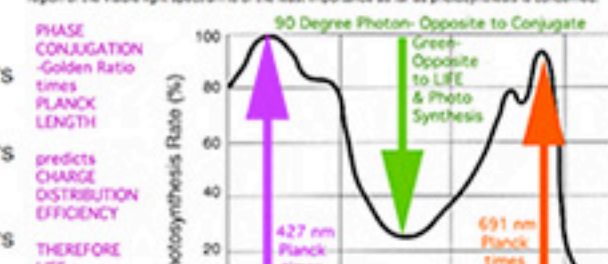
$$Planck\ Length: \ell = \sqrt{\frac{\hbar G}{c^3}}$$

$$Planck\ Time: t_p = \sqrt{\frac{\hbar G}{c^5}}$$

- $\lambda = \ell \times \phi^N$

- ℓ = Planck length
- Violet ($\lambda=427nm$) 427.387485 nanometers
• $N=136$
- Green ($\lambda=550nm$) 543.645279 nanometers
• Non-integer $N \cong 136.5$
- Red ($\lambda=691nm$) 691.527477 nanometers
• $N=137$

Photosynthetically Useful Radiation.
A graph of the rate of Photosynthesis and its relationship with different wavelengths of light indicates shows that the middle region of the visible light spectrum is of the least importance as far as photosynthesis is concerned.



Gravity: What is Gravity?

- Aether flow
 - Inflow = outflow
 - dynamics

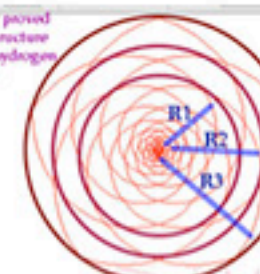
- Charge implosion

- Phi ratio and natural harmonic balance

(Note: considering the immense density of the vacuum of space time, it is important to discuss its implications to the cause of gravity and dynamics.)

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For the power of this frequency signature on plasma: Theraphi.net



Here are 3 views of the Spiral Spin Path to the "Zero Point" / Implosion..
Top / Oblique / Side..

Golden Ratio IS Self Similarity Perfected - Therefore this IS Fractality Perfected!
The "Holy Grail" of Fusion / Implosion also reveals the electrical nature of companion: perfect compression. Dear Scientist: If you say golden ratio: phase conjugation is NOT the cause of gravity: then pray tell us.. why is HYDROGEN BUILT THAT WAY!!!!



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- Platonic solids [ADVANCEDGEOMETRICPHYSICSSOLUTIONS1.PDF](#)
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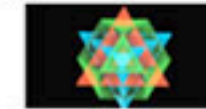
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Image								

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10/27/15

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6

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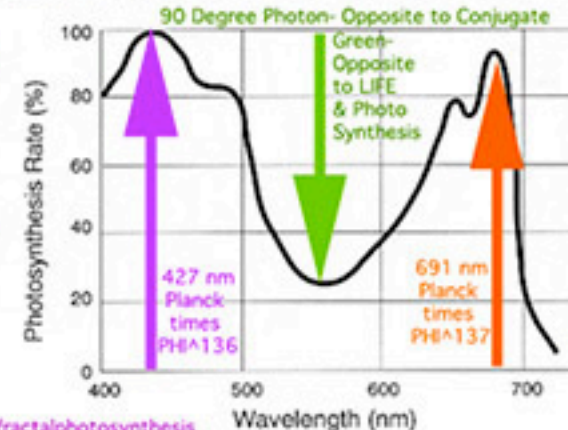
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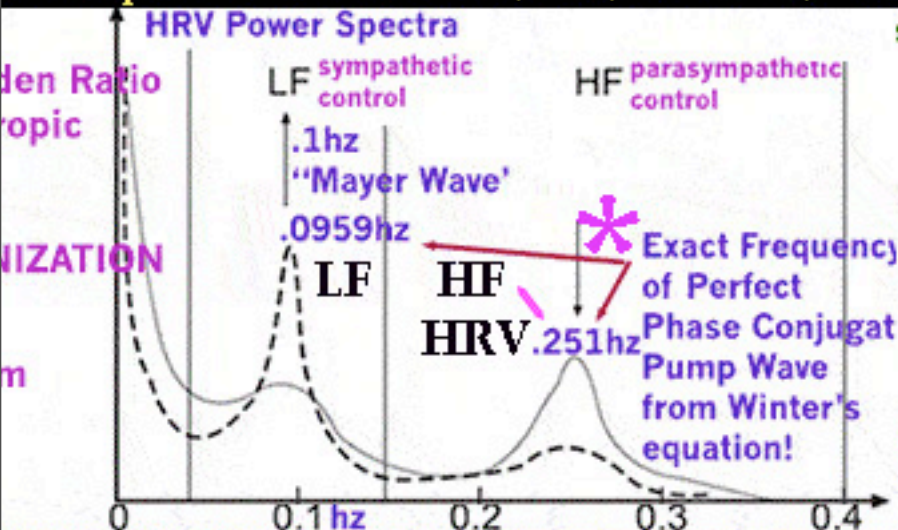
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PHASE CONJUGATION - Golden Ratio times PLANCK LENGTH predicts CHARGE DISTRIBUTION EFFICIENCY THEREFORE LIFE



discussion fractalfield.com/fractalphotosynthesis

ed to equal the Sacral Cranial (Bliss / kundalini) "Tidal Harmonics" (perfect Yogi Breath) ARE Perfected Implosive PHASE CONJUGATE COLLAPSE!



Sacral Cranial Pump- is the ZERO POINT- still point - proven healing compression climax of Sacral Cranial study in fact- the PERFECT PHASE CONJUGATE NEGENTROPY PUMP WAVE- from Winter's equation?

In RED- the precise calculated perfect (generalized origin of biologic negentropy) PHASE CONJUGATE PUMP WAVE - from Winter's equation

Compare to the 3 well documented frequencies of the Sacral Cranial Pump TIDAL Frequencies

Base Nominal Sacral Cranial Tidal (Spine Liquid Pump) Frequency: 8-10 cycles per minute - mid range= 10 cyc/min

Long Tidal 1 per 100 sec = .01 hz

Mid Tidal 2.5 cycles/min = .04166 hz

The MAYER Wave & HRV LF Peak

.155184 hz = 9.35 cycles/min

.251 hz

With this- in theory we know the actual to frequency spinal massage harmonics to PRODUCE the bliss healing STILL POINT!

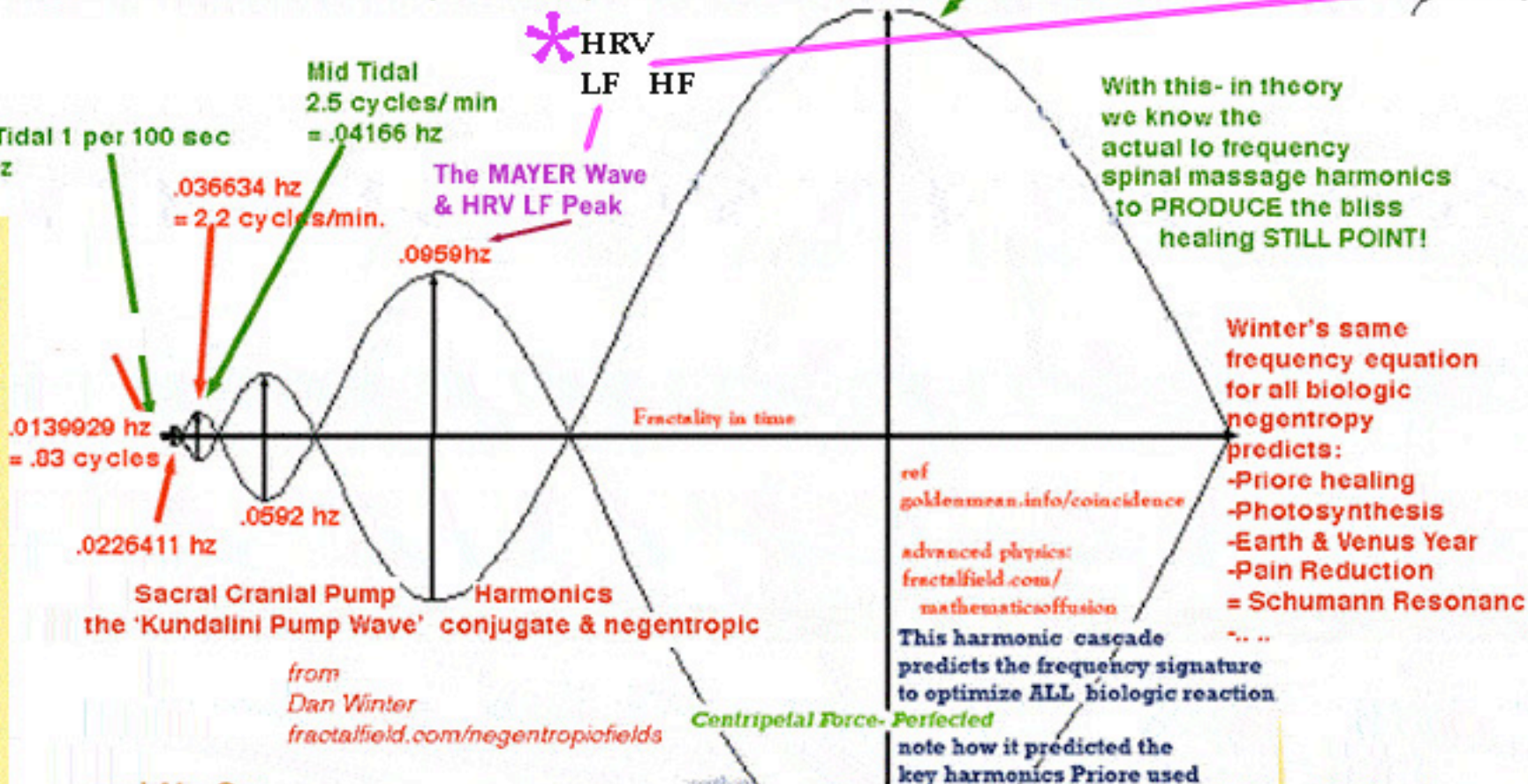
jugation as the climax form of coherence. Winter proves HYDROGEN is PHASE CONJUGATE PUMP WAVE gth $(1.616252 \times 10^{-35} \text{ meter}) \times \text{Golden Ratio } (1.618033989)^{116} \text{ power} = .282537$ The First Radii of Hydrogen (below)

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ve the exact radii of hydrogen which I showed the exact PHASE CONJUGATE exponents of Planck Length Below the next golden ratio exponent lengths showing the key wave length of ATP/ADP 1.936 ANGSTROM- is also virtually exact NEGENTROPIC PHASE CONJUGATE PUMP WAVE

Here Dan Winter - further proves the ATP/ADP key energy storage mechanism of all cell metabolism is ALSO A PHASE CONJUGATE PUMP WAVE Negentropic/ Implosive / Centripetal = non dissipative - constructive quantum charge collapse



Winter's same frequency equation for all biologic negentropy predicts: -Priore healing -Photosynthesis -Earth & Venus Year -Pain Reduction = Schumann Resonance

... and No One has shown a shred of evidence he is wrong!

Green Numbers: From Sacral Cranial Physics Red Numbers: From Dan Winter's equation- Pure Phase Conjugate Collapse to Planck Time

Proof the known HRV Harmonics- documented to equal the Sacral Cranial (Bliss / kundalini) "Tidal Harmonics" (perfect Yogi Breath) ARE Perfected Imp

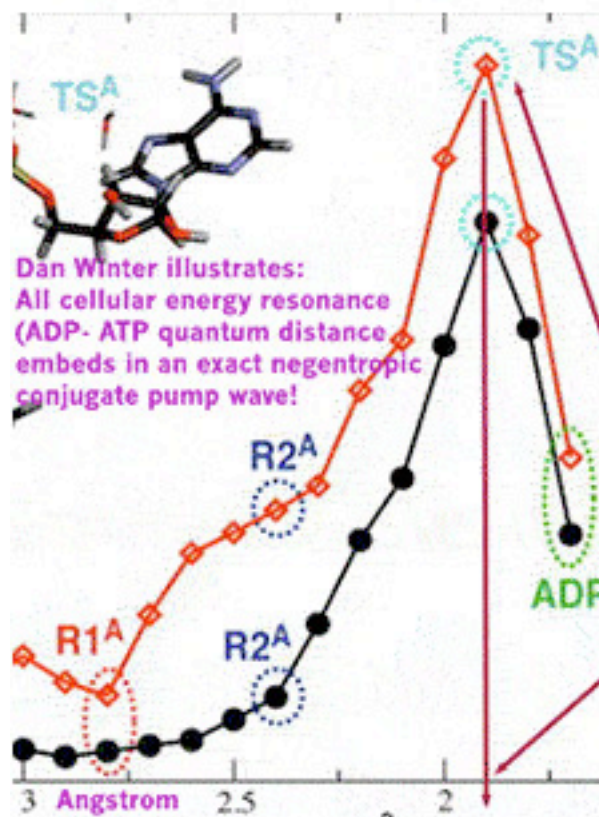
Dan Winter says:

Planck Length/Time* Integer Exponents Golden Ratio
= Perfect Implosive Charge Collapse Negentropic
PHASE CONJUGATE PUMP WAVE

IS The Origin and Cause of:

- ALL BIOLOGIC NEGENTROPY/SELF ORGANIZATION
- PERCEPTION
- GRAVITY
- COLOR
- ALPHABET /SYMBOL

www.fractalfield.com



Dan Winter illustrates:
All cellular energy resonance
(ADP- ATP quantum distance
embeds in an exact negentropic
conjugate pump wave!

phase conjugation as the climax form of coherence.
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Angstrom -The First Radii of Hydrogen (below)

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Angstrom -The Second Radii of Hydrogen

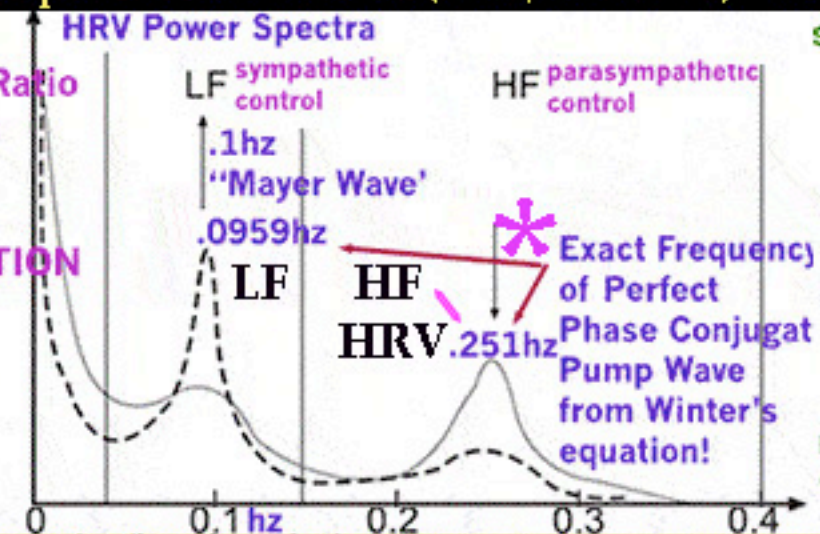
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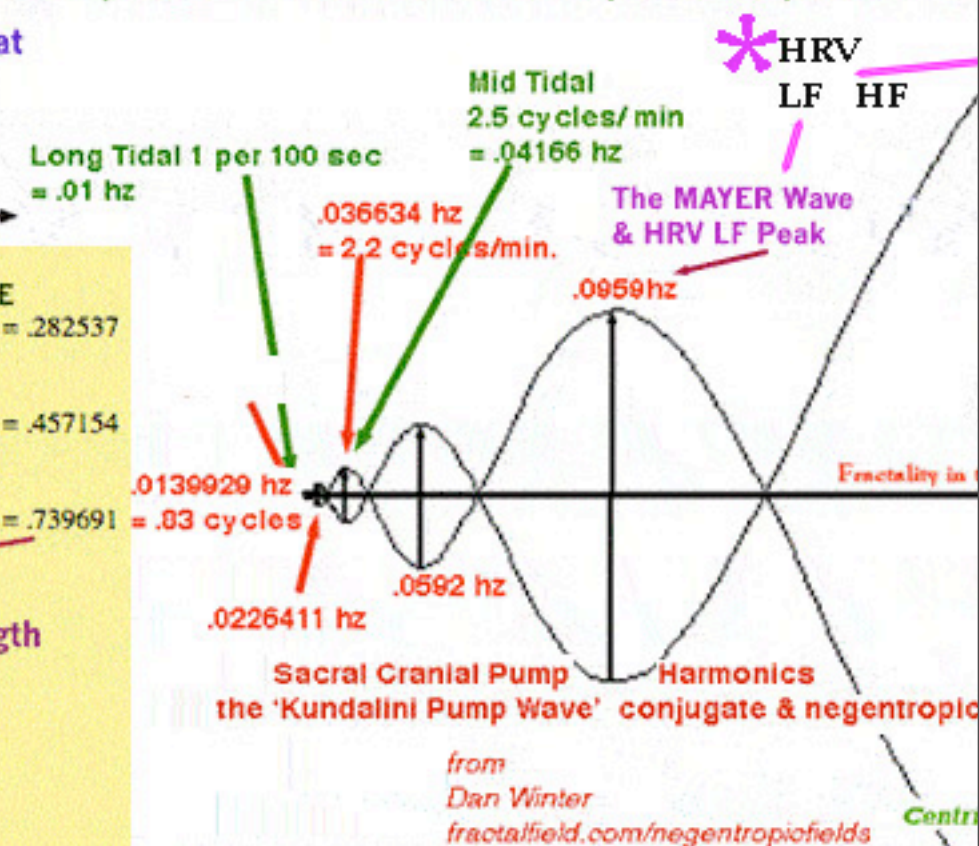
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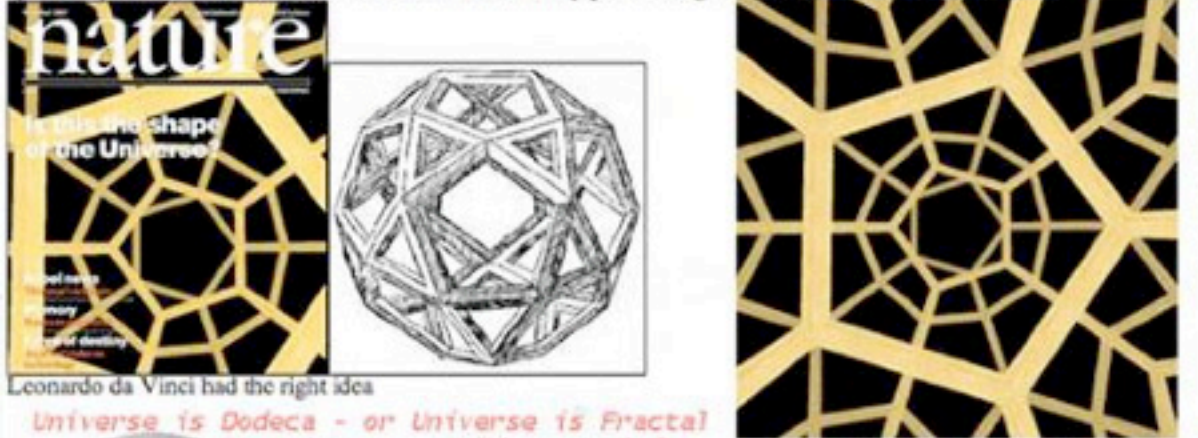
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Universe Is Dodecahedral! Makes Headlines.. Nature Magazine etc., ..BUT - no one even NOTICED that this is the only 3D geometry (based) on Golden Mean - whose stellation precisely allows infinite non-destructive collapse - the compression that PRODUCES acceleration (gravity). Summary - the very dodeca symmetry of the universe PROVES that self-similarity produces gravity. ref: [fusion_collapse_thrust](#)

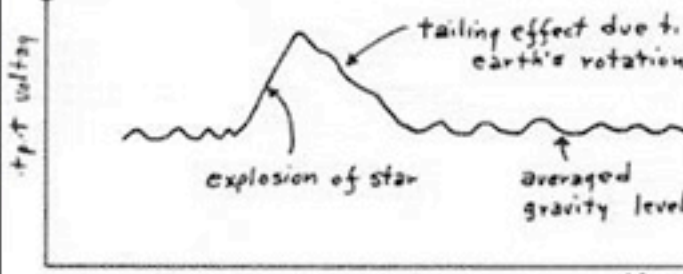


Leonardo da Vinci had the right idea
Universe is Dodeca - or Universe is Fractal
Dan Winter goldenmean.info says they are BOTH right.. because that perfect collapse geometry CAUSES gravity!
In other words- the more a set of masses is arranged in DODECA SYMMETRY the more gravity they will create! - We should be able to use this to eliminate the need to hypothesize the need for impossible 'dark matter'.
Is the universe a dodecahedron? (ref: <http://physicsweb.org/articles/news/2/10/3/polygon>) .8
The standard model of cosmology predicts that the universe is infinite and flat. However, cosmologists in France and the US are now suggesting that space could be finite and shaped like a dodecahedron instead. They claim that a universe with the same shape as the twelve-sided polygon can explain measurements of the cosmic microwave background - the radiation left over from the big bang - that spaces with more mundane shapes cannot (J-P Luminet et al. 2003 Nature 425 593).

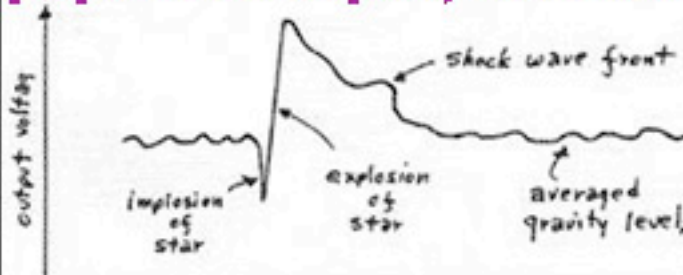
Fig. 3.- Spherical pentagons and dodecahedra fit snugly, unlike their Euclidean counterparts. a) Twelve spherical pentagons tile the surface of an ordinary sphere. They fit together snugly because their corner angles are exactly 120°. Note that each spherical pentagon is just a pentagonal piece of a sphere. b) One hundred twenty spherical dodecahedra tile the surface of a hypersphere. A hypersphere is the 3-dimensional surface of a 4-dimensional ball. Note that each spherical dodecahedron is just a dodecahedral piece of a hypersphere. The spherical dodecahedra fit together snugly because their edge angles are exactly 120°. In the construction of the Poincaré dodecahedral space the dodecahedron's 30 edges come together in ten groups of three edges each, forcing the dihedral angles to be 120° and requiring a spherical dodecahedron rather than a Euclidean one. Software for visualising spherical dodecahedra and the Poincaré dodecahedral space is available for free download from www.geometrygames.org/CurvedSpaces.

So-Nature Magazine says the UNIVERSE IS FRACTAL,
New Scientist & physicsweb says- The UNIVERSE IS DODECAHEDRAL
- Can they BOTH be right? Yes! A Stellated Dodec IS the Perfect Fractal AND
- that PERFECT COLLAPSE GEOMETRY FOR CHARGE IS THE CAUSE OF GRAVITY!

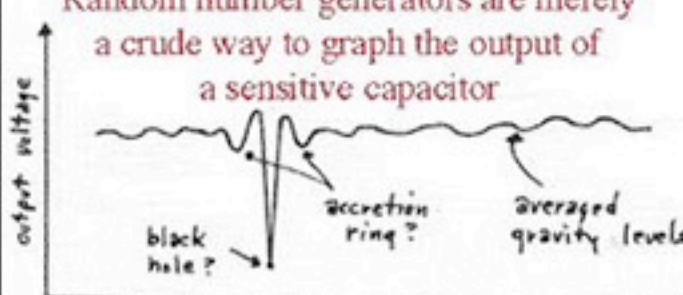
centers of mass- at golden ratio / dodeca array (KNOWN for the geometry of the universe) will INCREASE the gravity-- thus proving phase conjugation causes gravity - and eliminating the need for the spurious unproven idea about dark matter- These conjugate longitudinals- are the mechanism of gravity and biologic radio
Real GRAVITY WAVES MEASURED



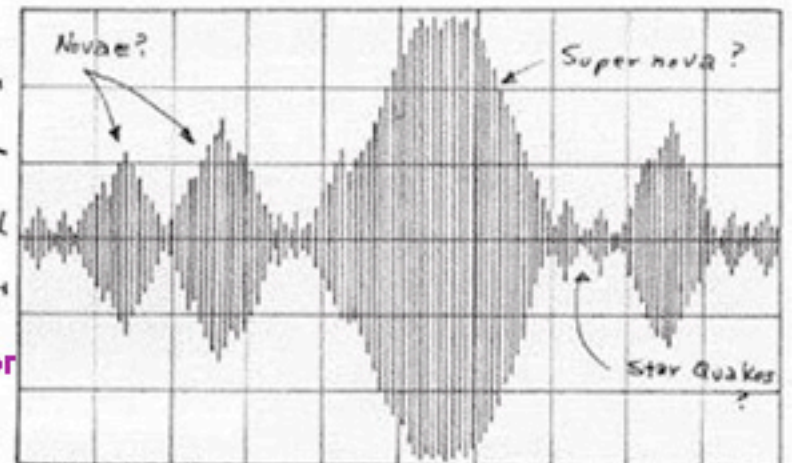
(a) Typical Nova Response



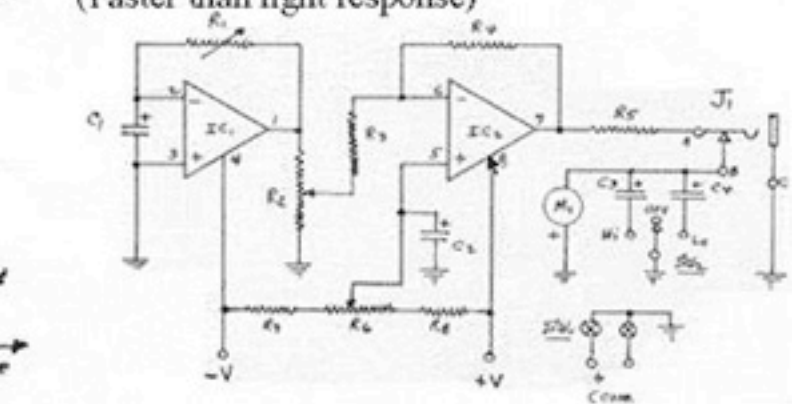
(b) Typical Supernova Response



(c) Typical Black Hole Response



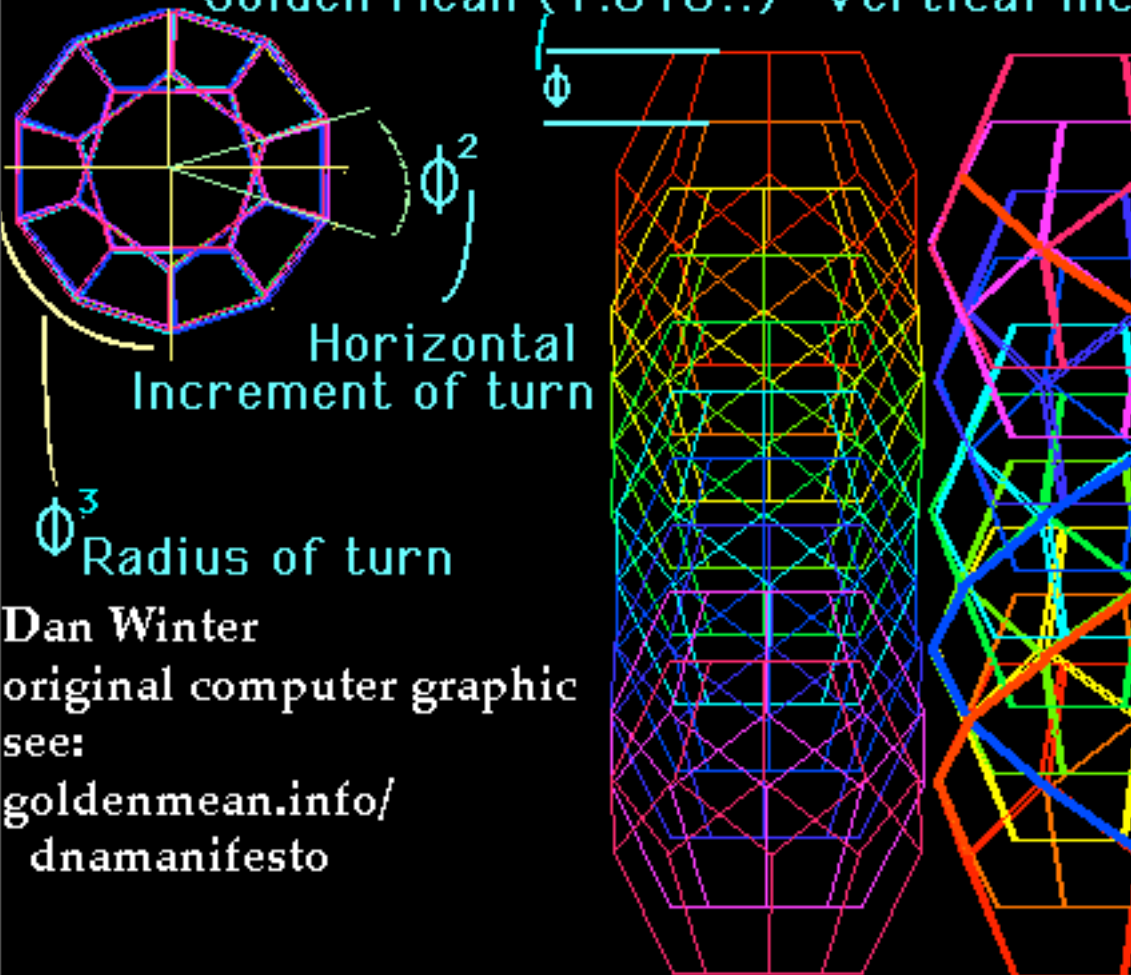
Hodowanec / Ramsey
Measuring Stellar Gravity Events Ring
With Capacitors
Replaces Telescopes
(Faster than light response)



google: hodowanec gravity wave detector

Random number generators are merely a crude way to graph the output of a sensitive capacitor

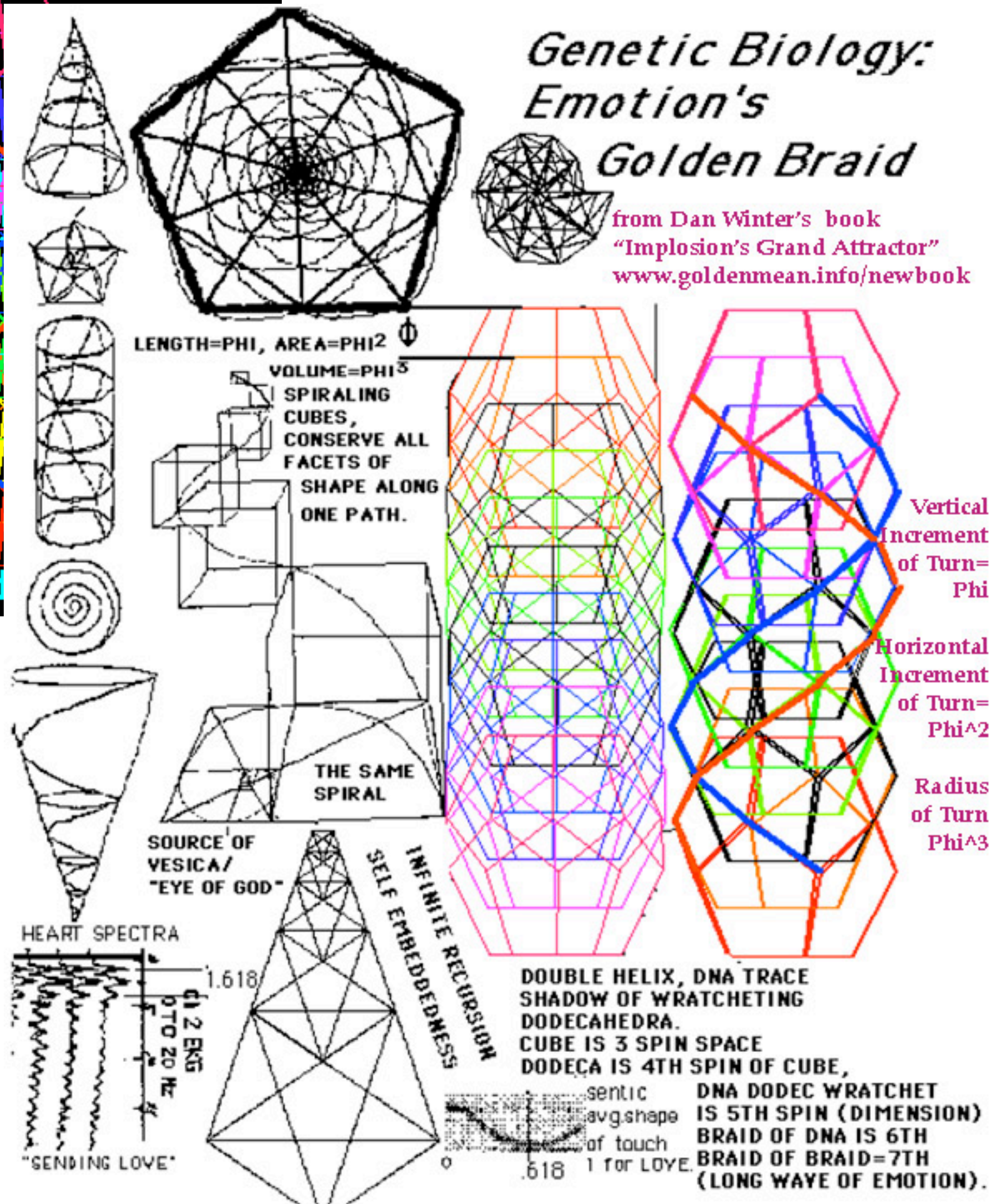
Golden Mean (1.618...) = Vertical Increment of turn



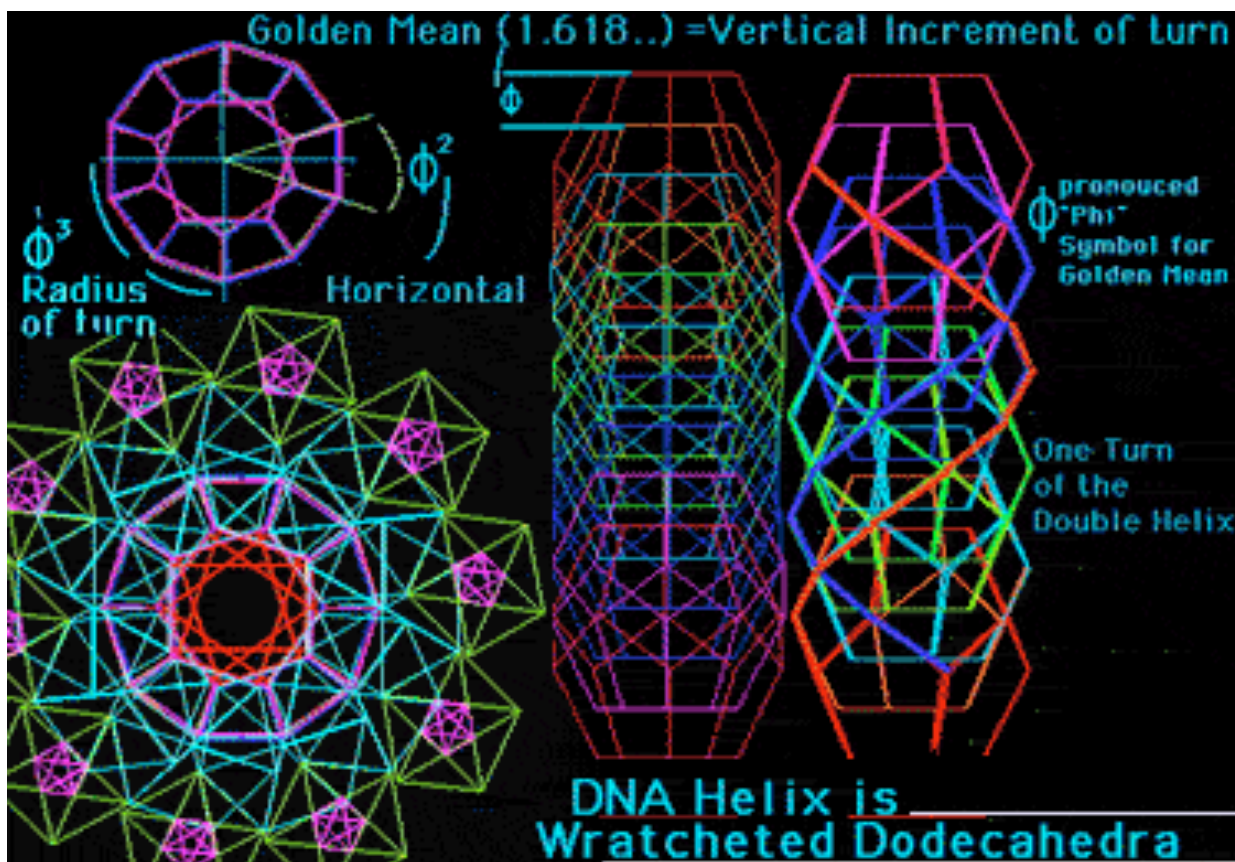
Dan Winter
original computer graphic
see:
[goldenmean.info/
dnamanifesto](http://goldenmean.info/dnamanifesto)

Golden Ratio
Phase Conjugation
Implosion by
Coherent Recursive
Braid Embedding
Programs DNA
by Active Site Alignment

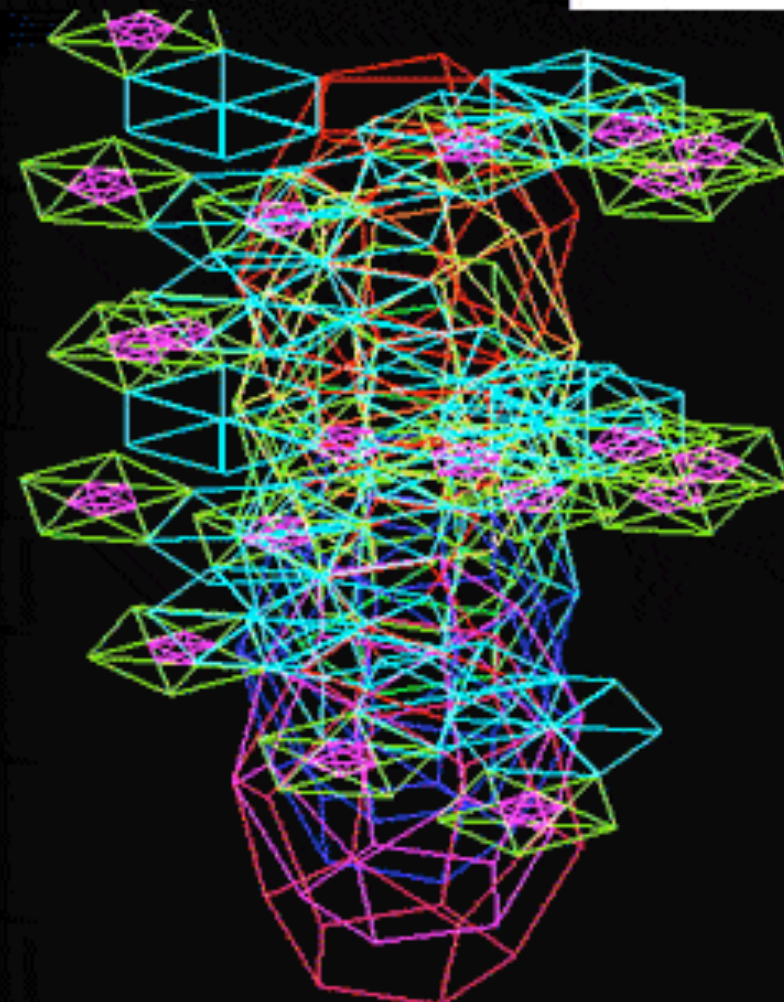
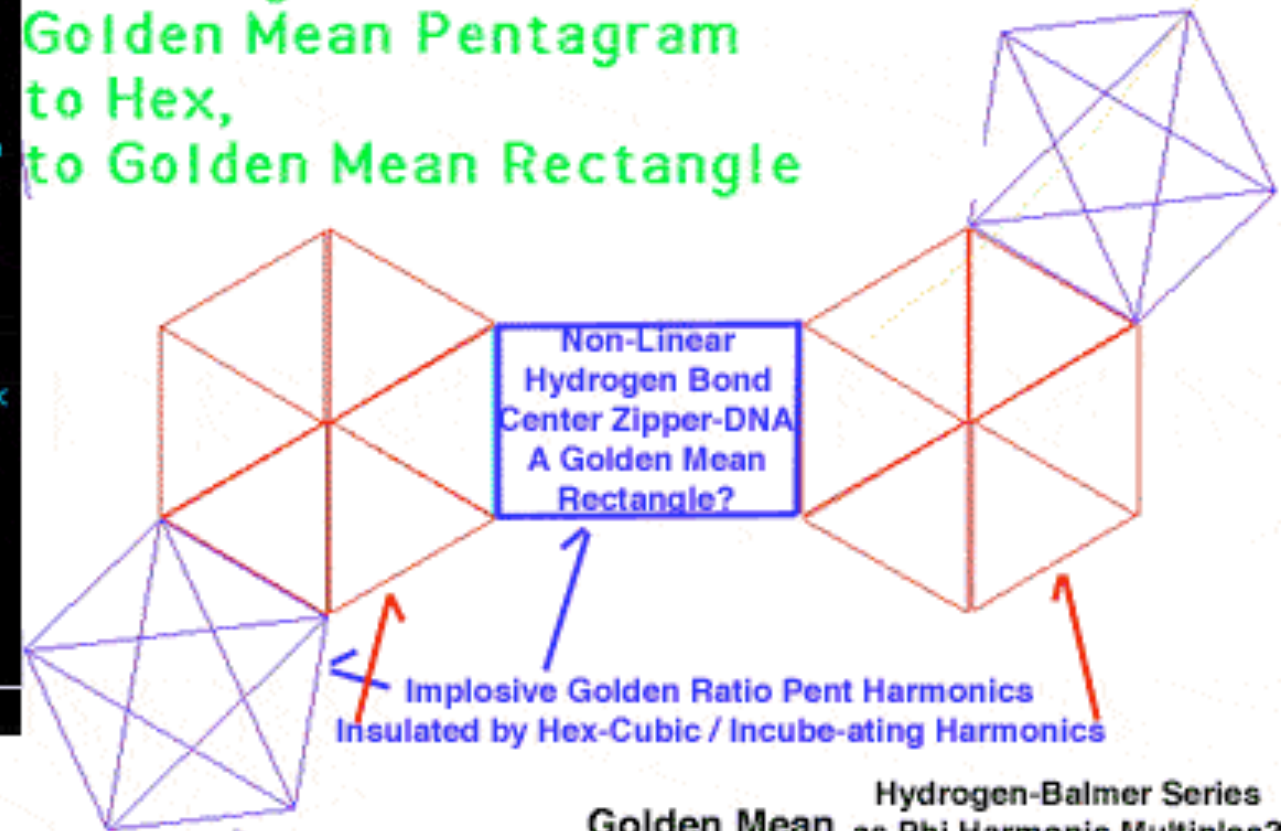
DNA Braid density
is proven responsive
to COHERENT EKG



Golden Mean (1.618...) = Vertical Increment of turn



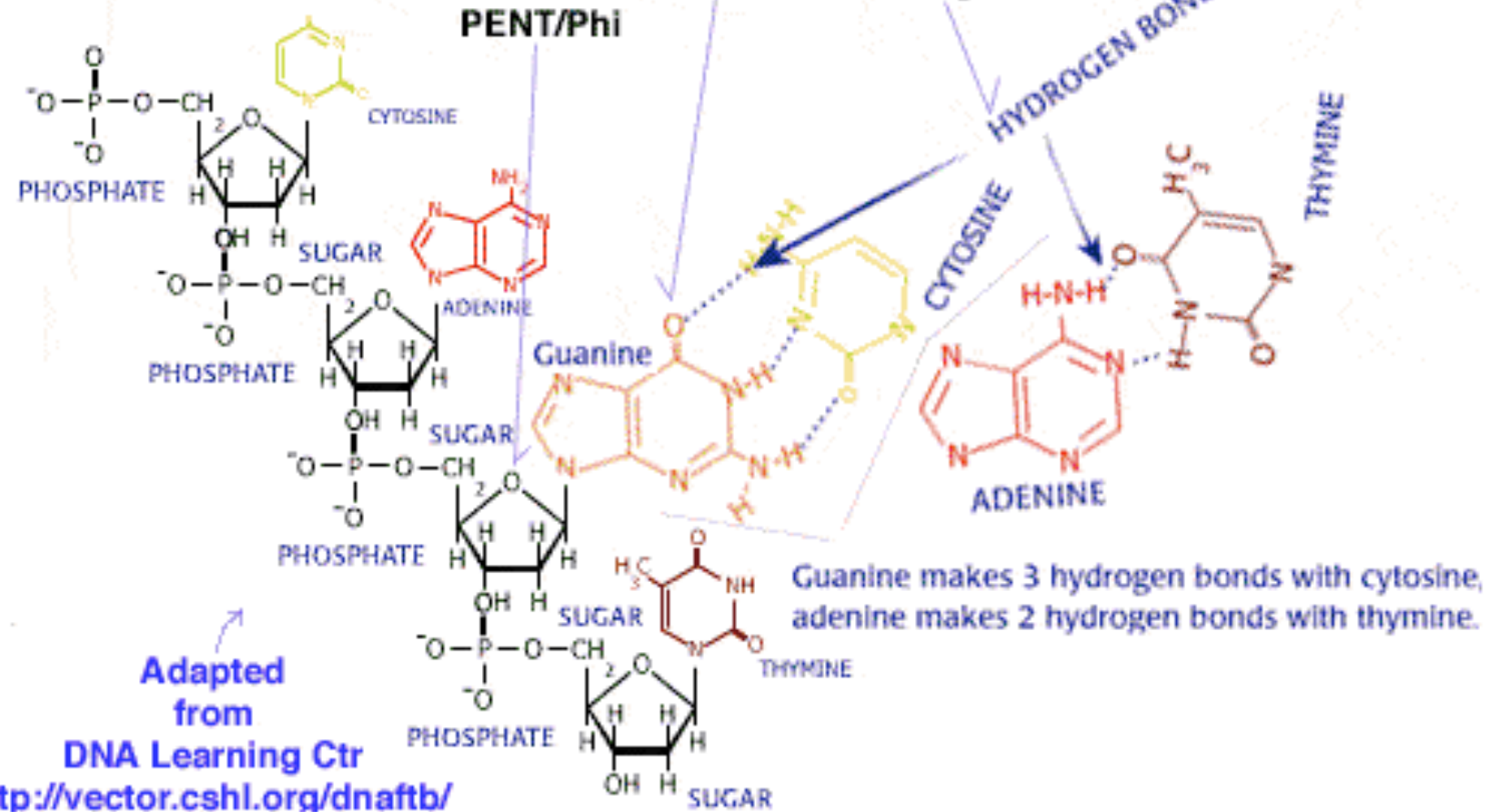
One Rung off the Ladder of DNA
Golden Mean Pentagram
to Hex,
to Golden Mean Rectangle



Hydrogen-Balmer Series as Phi Harmonic Multiples?

Golden Mean Rectangle / Phi?

PENT/Phi

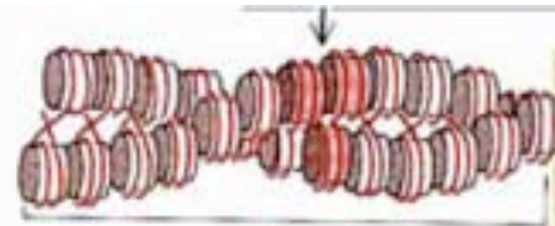


Adapted from
DNA Learning Ctr

<http://vector.cshl.org/dnaftb/>



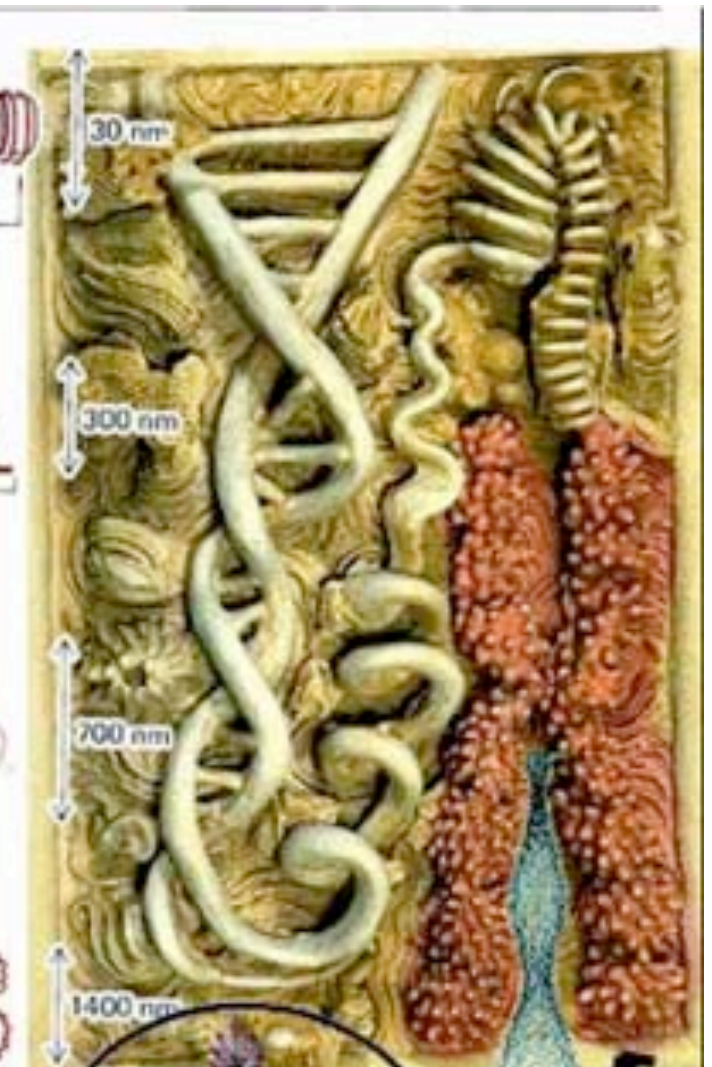
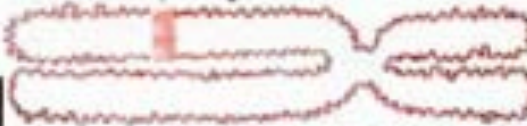
The "Magnetic X" where your DNA
"crosses itself" can become RADIANT
When recursive or embedding..



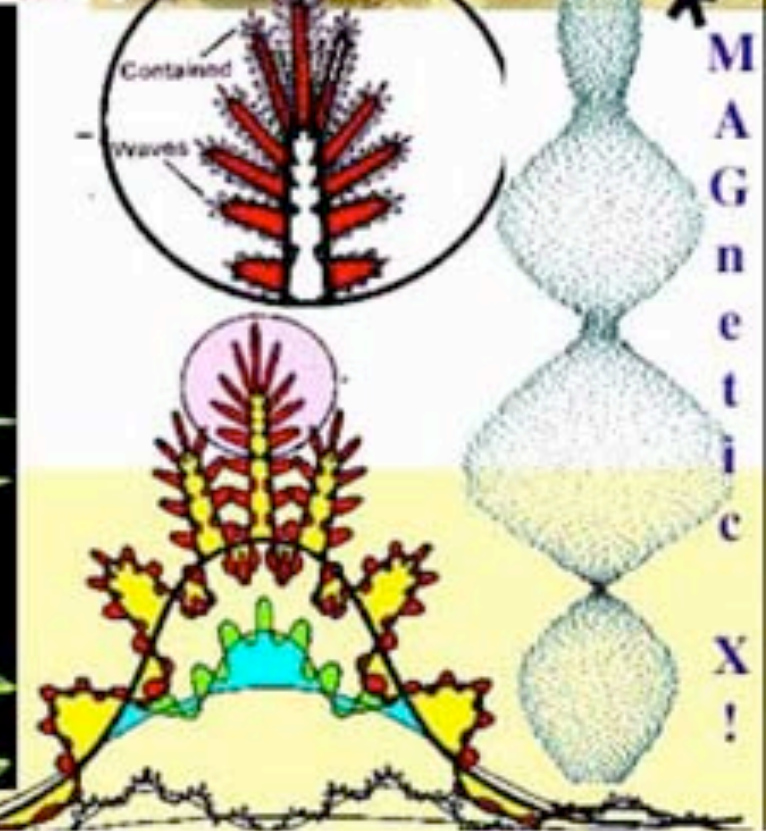
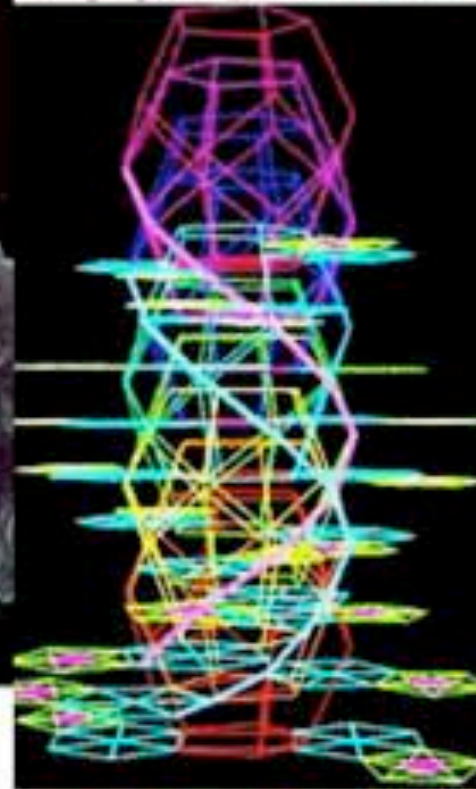
From this day forward
for better or for worse,
may I have the honor..



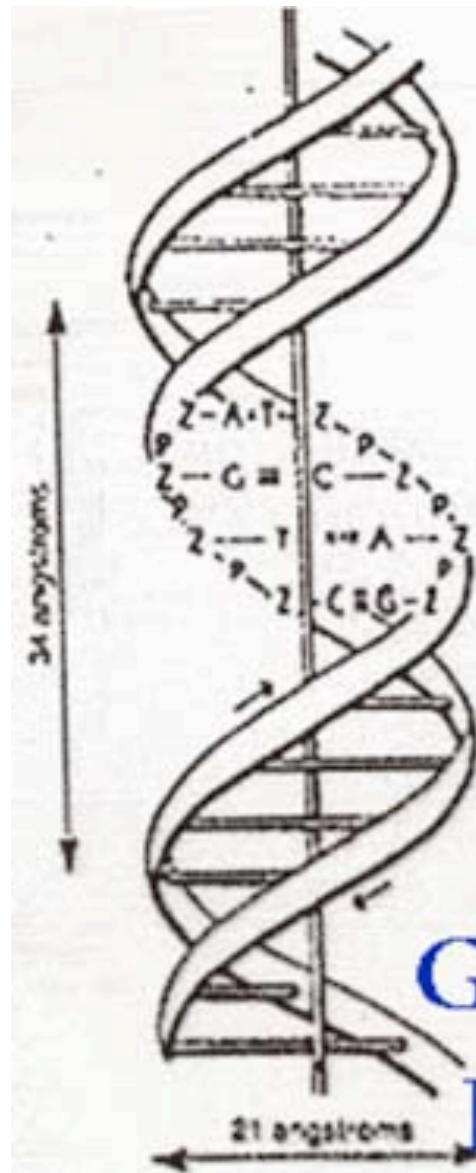
of embedding in this
braid with you?



"The Answer
Lies Folded
in an Envelope"
Braiding
Carrier Wave
to Envelope
Adds "Dimension"

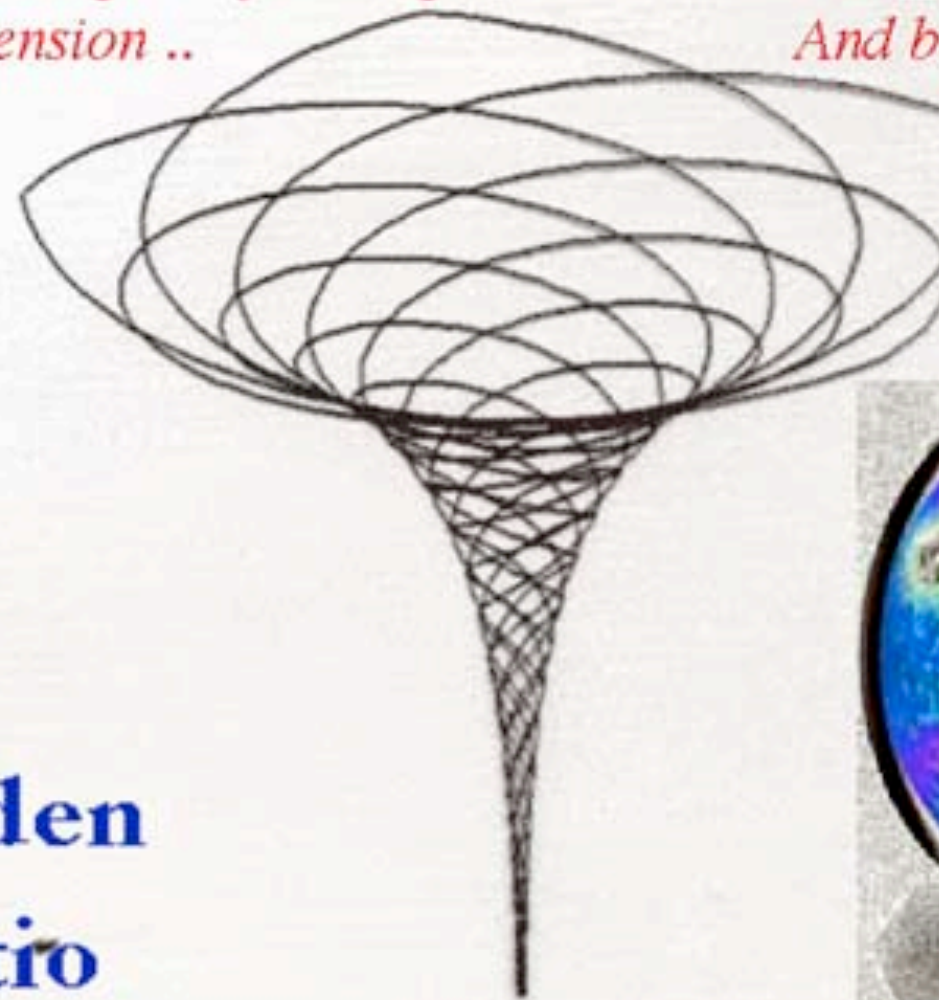


goldenmean.info/dnamanifesto



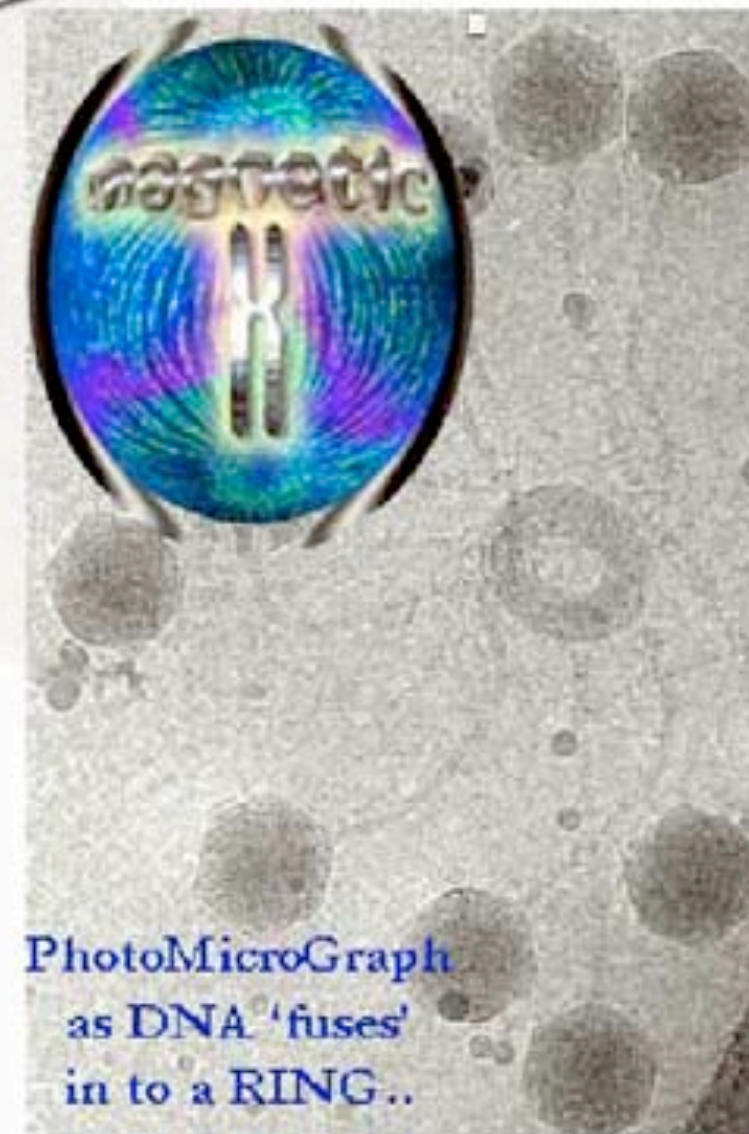
**Golden
Ratio**

*When Proteins learn to Swallow Lightning (in 'Primal Soup')
They shape shift / morph /worm into the next (spin symmetry)
Dimension .. And become DNA..*



*When they learn to spit out lightning..
(bliss - coherence).. You Survive Death.*

*Right: PhotoMicrograph- Under Charge Compression (Bliss)-
DNA Fuses into Ring Donut- Lord of the Ring..
(soulinvitation.com/ringlord)*



**PhotoMicroGraph
as DNA 'fuses'
in to a RING..**

“Wave on a Wave Waving”
= “SuperLooping”
= “Perfect Nesting” by PHI
= Fractal Heart Rate Variability
= Health????



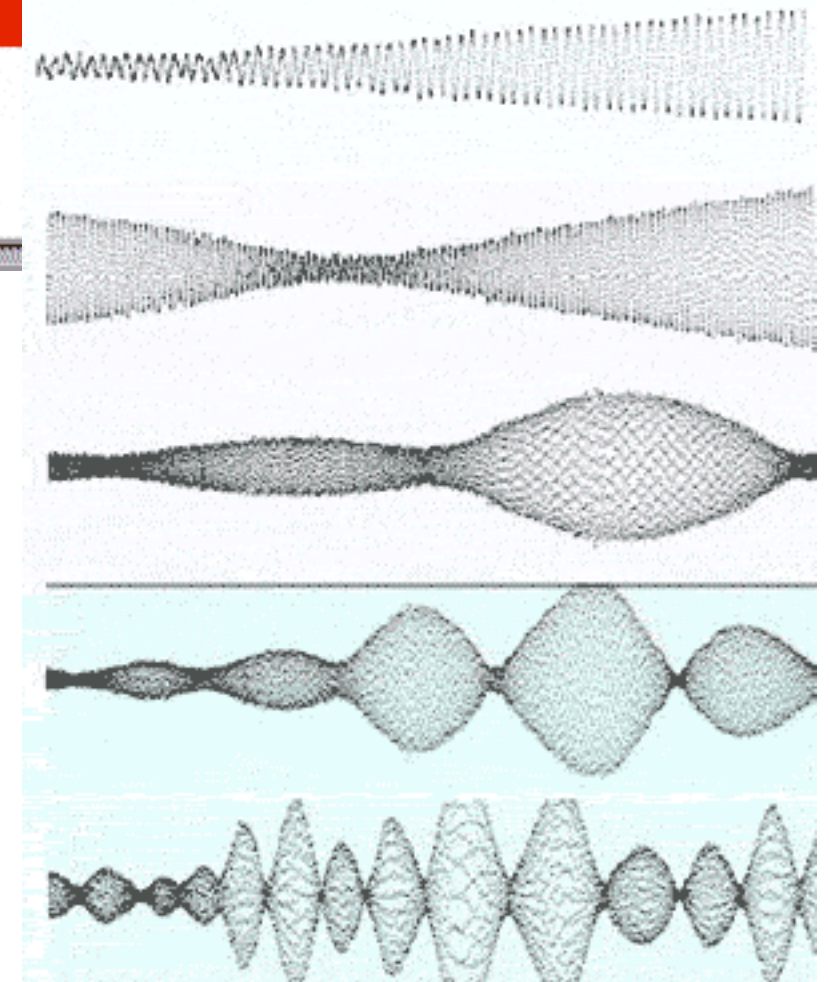
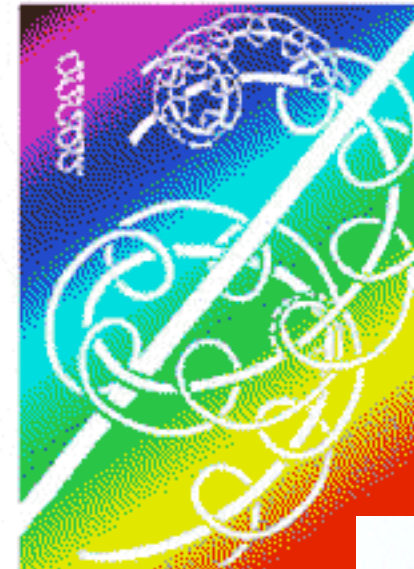
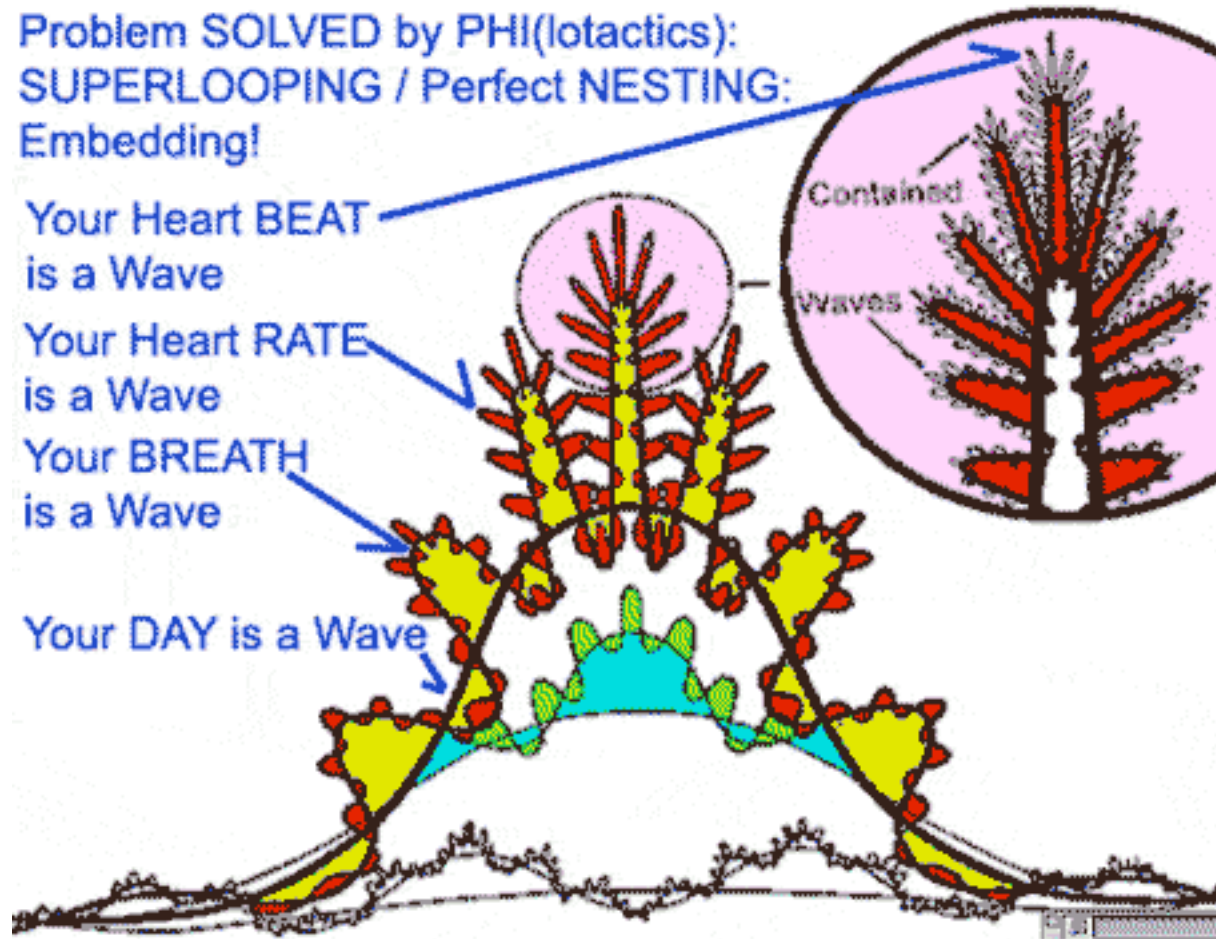
Problem SOLVED by PHI(lotactics):
SUPERLOOPING / Perfect NESTING:
Embedding!

Your Heart BEAT
is a Wave

Your Heart RATE
is a Wave

Your BREATH
is a Wave

Your DAY is a Wave



The Constructive Aspect of Visual Perception:

A Gestalt Field Theory Principle of Visual Reification Suggests a Phase Conjugate Mirror Principle of Perceptual Computation

<http://cns-alumni.bu.edu/~slehar/Spatial/Spatial.htm>

Steven Lehar

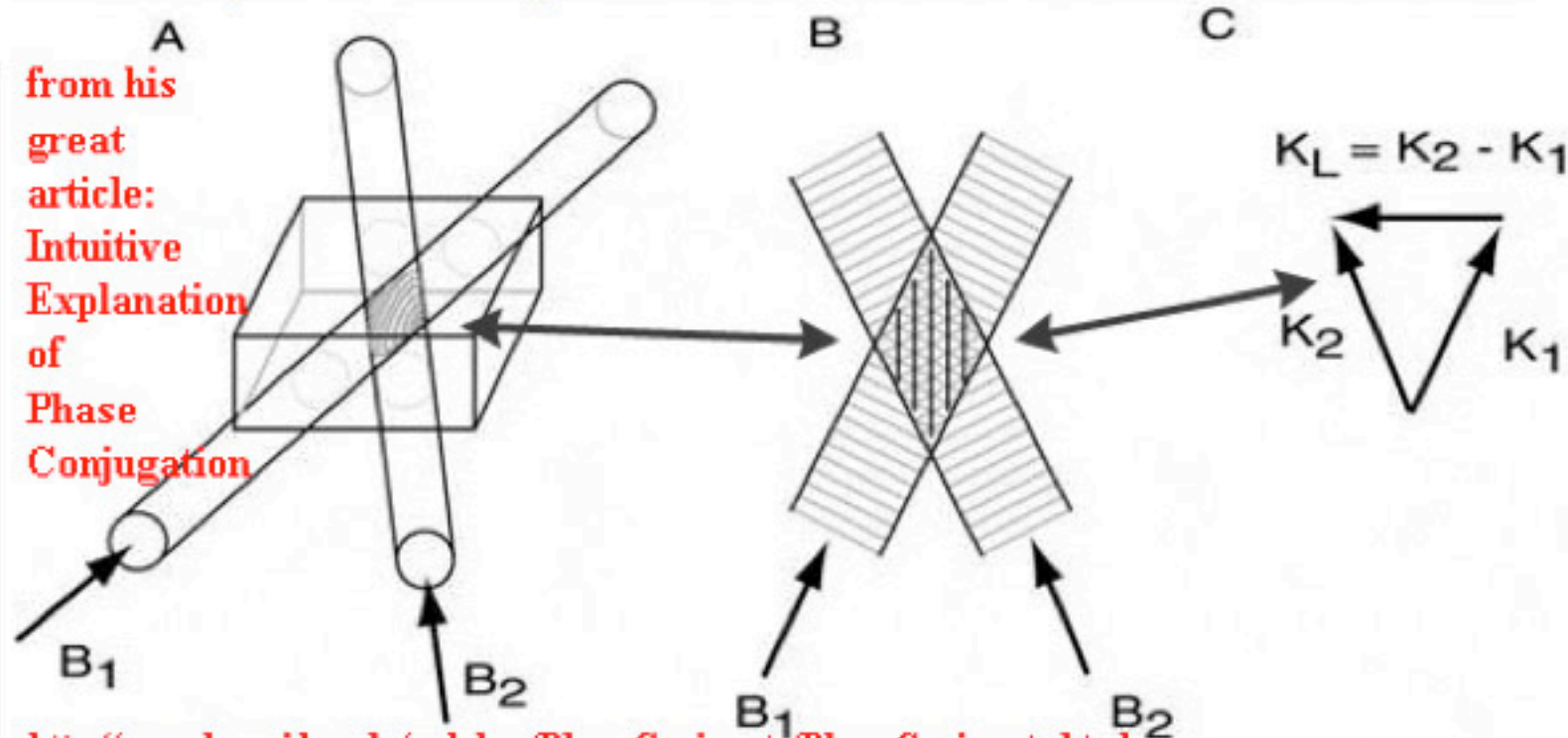
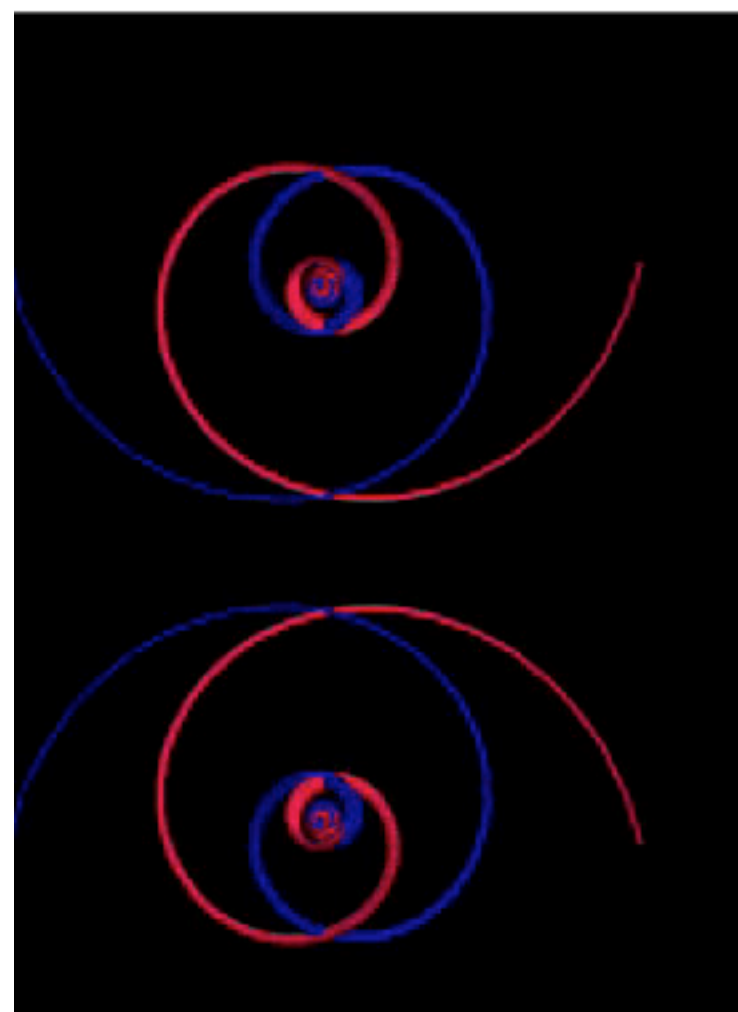
<http://cns-alumni.bu.edu/~slehar/>

Abstract

Exerpt from Steve Lehar "phase conjugate" model of perception.

Many Gestalt illusions reveal a constructive, or generative aspect of perceptual processing where the experience contains more explicit spatial information than the visual stimulus on which it is based. The experience of Gestalt illusions often appears as volumetric spatial structures bounded by continuous colored surfaces embedded in a volumetric space. These, and many other phenomena, suggest a *field theory* principle of visual representation and computation in the brain. That is, an essential aspect of neurocomputation involves extended spatial fields of energy interacting in lawful ways across the tissue of the brain, as a spatial computation taking place in a spatial medium. The explicitly spatial parallel nature of field theory computation offers a solution to the otherwise intractable *inverse optics problem*; that is, to reverse the optical projection to the retina, and reconstruct the three-dimensional configuration of objects and surfaces in the world that is most likely to have been the cause of the two-dimensional stimulus. A two-dimensional *reverse grassfire* algorithm, and a three-dimensional *reverse shock scaffold* algorithm are presented as examples of parallel spatial algorithms that address the inverse optics problem by essentially constructing every possible spatial interpretation simultaneously in parallel, and then selecting from that infinite set, the subset of patterns that embody the greatest intrinsic symmetry. The principle of nonlinear wave phenomena and phase conjugate mirrors is invoked as a possible mechanism.

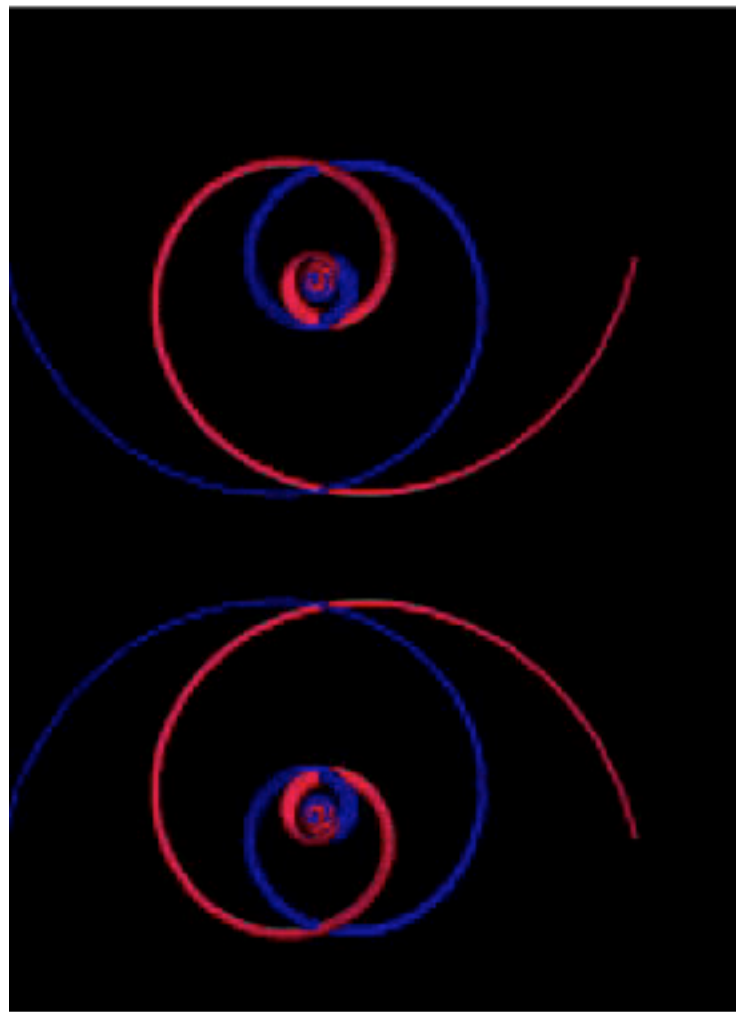
This is the picture - showing the Perfect 3D CONES- "RECIPROCAL LATTICE"



<http://cns-alumni.bu.edu/~slehar/PhaseConjugate/PhaseConjugate.html>

When I asked Neuroscientist Steve Lehar how he came independently to his own conclusion that OPTICAL PHASE CONJUGATION is the MECHANISM OF PERCEPTION-he said in part, it was the auto seeking sensing - of BOUNDARY or EDGE CONDITIONS

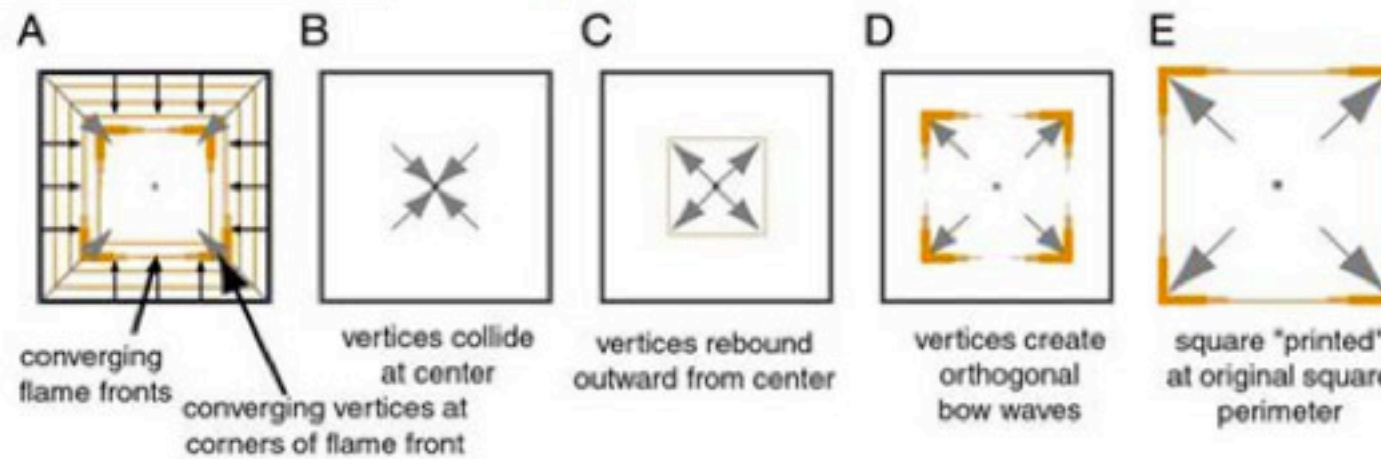
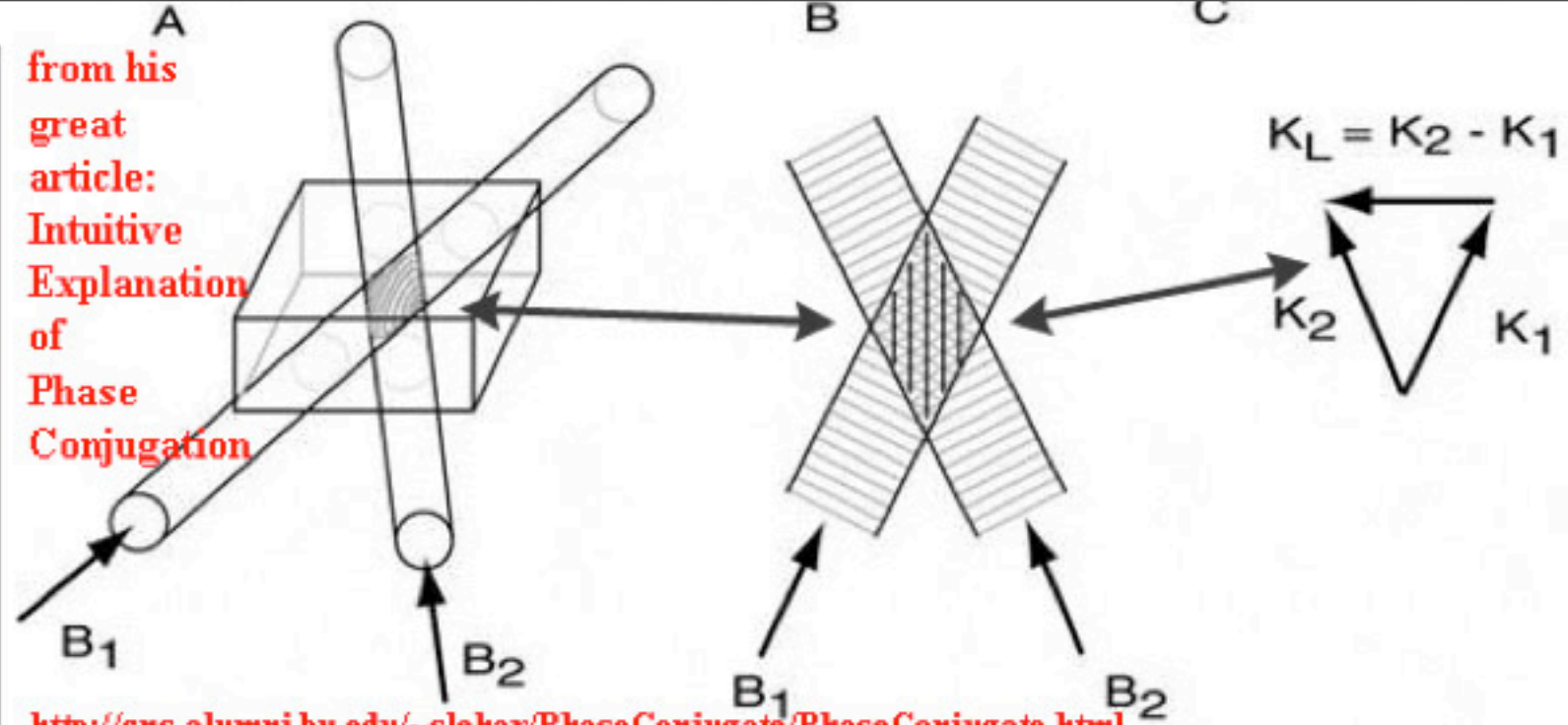
Lehar discusses phase conjugation



from his
great
article:
**Intuitive
Explanation
of
Phase
Conjugation**

<http://cns-alumni.bu.edu/~slehar/PhaseConjugate/PhaseConjugate.html>

When I asked Neuroscientist Steve Lehar how he came independently to his own conclusion that **OPTICAL PHASE CONJUGATION** is the **MECHANISM OF PERCEPTION**-he said in part, it was the auto seeking sensing - of **BOUNDARY or EDGE CONDITIONS**



Lehar discusses phase conjugation mechanism in perception as "reverse grassfire" wave algorithm, .. notice here how the "converging FLAME FRONTS" generating perception by bouncing thru center mirror's conjugate 4 wave mixing.

Figure 17. A: Inward propagating flame front with four vertices propagating towards the center. B: The vertices collide at the center in a diagonal symmetry. C: The flame front vertices reverse and propagate outward again. D: Each flame front vertex creates orthogonal bow waves for the edges of the square. E: When propagation is complete, the square is "printed" at that location as a reconstruction of the central symmetry detected in the square.

Another example of a phase conjugate implication for the nature of perception:

[Dr. Ernst Muldashev – book:](#)
[“Where Do We Come From”](#)

Discusses an ancient technique- for recognizing- conscious evolution- and the relative purity of human intent- directly from analyzing the position of the eyes on human faces (below excerpt)

If the pine cone pairs
kiss noses
in perfect conjugate symmetry
this actually
indicates
pure intention
(waves which have
been sorted/conjugated)

