

Fractal Space Time: Origin of Biologic Negentropy – from Dan Winter

SECOND EDITION SUPPLEMENT- Nov 24, 2015 www.fractalfield.com/fractalspacetime

As we thank all those who responded with such interest- to the first edition- of my book, it is appropriate here to add- several key relationships which we have discovered in the meantime. These further and in my view- undeniably prove my central thesis. That Golden Ratio (Phase Conjugate / Fractal) exact exponents of Planck Length & Time- predict the origin of all centripetal forces- especially gravity, life force, perception, color, and all biologic negentropy.

That new equation I discovered simply says that all centripetal and negentropic forces have to be swallowed down the 'black hole' of planck distance- by golden ratio phase conjugation... 'like pine cones kissing noses'.

This means that all of the wave phenomenon – identified as fitting my equation- are part of NEGENTROPY – SELF ORGANIZATION- specifically to the extent they are (FRACTALLY) EMBEDDED in PHASE CONJUGATE IMPLOSIVE CHARGE COLLAPSE.

This also means that all these and many more wave systems can be made MORE NEGENTROPIC- by simply more accurately tuning them to my new equation. The undeniable proof of this is the successful regenerative PLASMA field of my new THERAPHI.NET (PRIORE-re-invented) rejuvenation field invention. It is entirely built on my new equation from low frequency to high.

We originally showed that new equation of mine predicted:

- hydrogen radii
- photosynthesis frequencies
- duration Earth and Venus year
- brainwave EEG harmonics of peak perception / bliss
- Schumann Resonance harmonics and more.

Here we present the further evidence- which I have now added (graphics for these below):

that equation predicts:

- the HRV principle harmonics of key lo frequencies
- the MAYER wave (.1 hz)- key blood pressure physiologic key
- the key wavelength of ADP vs ATP- the essential bond-length wave distance of cellular metabolism 'mito-genic radiation' – so called 'DNA radio'.
- The actual measureable velocities faster than light emitted by gravity/ black holes (Speed of Light x integer exponents of Golden Ratio).
- That micro-gravity will increase when masses are arranged at golden ratio spacing – as is known to be the case- where the masses of the universe are proven to be arranged dominantly in a (golden ratio) pent dodecahedron. This would account for why there is more gravity in the universe than is called for by it's known mass. Thus- my theory would eliminate the need for the specious and un-proven hypothesis of the existence of 'dark matter'.

We have commercial proof- at www.BioactiveField.com

that these field effect tunings ARE more bioactive.

= Dan Winter's Compelling new Book- *A Scientific Tour de Force- from Implosion Group Publishing..*
www.fractalfield.com

Fractal Conjugate Space & Time: Cause of Gravity, Negentropy and Perception.

Conjuring Life- The Fractal Shape of TIME: Geometric Origins of Biologic Negentropy.

The MOST audacious hypothesis since the dawn of science! Winter presents overwhelming hard evidence- fractal conjugate (golden ratio) wave mechanics is the CAUSE of gravity, life force, perception, and spiritual immortality.

A complete tour-de-force- with astounding implications for virtually every branch of science: using Winter's accurate new equation the frequency recipe: most EVERY wave system can be tuned to emerge from chaos!

- The Schumann Earth harmonics - (Winter PROVED- are a phase conjugate pump wave)
- can be tweaked to bring climate and atmosphere OUT of chaos.

The SAME frequency recipe from Winter's equation can PRODUCE simple charge environments to RESTORE human attention.

THE GENERALIZED WAY OUT OF CHAOS- in- to the pure principle of sustainability- THAT is what the origin of NEGENTROPY is.

Complete physics of non-linear propulsion: impulse vs warp gravity field projection explained in detail. We have the pure physics of alchemy now that the PRECISE wave geometry of non-destructive collapse is defined.

Precise physics of fusion energy- now that the wave mechanics of charge fusion is precisely defined (hint: if you know HOW to make a phase conjugate longitudinal pump wave- the brain does it- called ' flame in the mind')

-but instead - in the microwave, this is the absolute holy grail of plasma containment for fusion solution.)

Dan Winter's new book presents the most compelling and systematic scientific evidence to date – that fractality in space and time is the specific mechanism and cause of gravity, biologic negentropy, life force, perception, and human bliss. Although several hugely famous authors have already presented their books on fractality in time- by comparison – this book shows they were functionally clueless about the physics. Winter quotes many scientists who have already speculated that fractality is the cause of gravity- BUT Winter is the first to very specifically define the frequency, geometry, and wave mechanic optimization of that gravity causing fractality. Winter's work (with his mathematics team- including Martin Jones)- was the first to prove the wave equations showing golden ratio solves the problem of max constructive interference, compression, and phase conjugation. SO phase conjugation – well known and proven in optics for time reversal, self organization and negentropy- now becomes a candidate for proving negentropy in general (many physicists agree that the gravity is itself negetropic / self organizing).

Originally- just Dan's theory – that golden ratio phase conjugate multiples of planck length and time – the universal key signature of the vacuum- would optimize negentropy. Winter has now gone on to prove it. He was famous for proving that hydrogen radii are exact golden ratio phase conjugate multiples of Planck. In his new book Winter has assembled with equation graphics results overwhelming further evidence- that golden ratio exact multiples of planck predict: * photosynthesis frequencies, * schumann resonance frequencies, * brainwave frequencies causing peak perception/ bliss, *(new) table showing the sacral

cranial tidal frequencies are phase conjugate , * new table showing the ear ringing 'sound current' frequencies heard by meditators are phase conjugate !, *almost exact duration of Earth AND Venus orbital years, - the list goes on. These are all the structures which produce life and negentropy! They fit the pattern far too well- for this to be arbitrary.

Everyone agrees that fractality is infinite compression. Fractal mathematics teaches the mathematics of infinite compression but until Winter- no one knew what a fractal FIELD was. Golden Ratio is unquestionably self-similarity optimized- as precisely is fractality. *Einstein argued that gravity was infinite charge compression- but never learned what a fractal was.* Winter now presents overwhelming evidence that golden ratio phase conjugation IS fractality incarnate in all wave mechanics. IF Winter is right with his exact frequency signatures for fractality in space and time- he clearly presents how to repair all wave systems to emerge from chaos- fixing environments for peak perception, amplifying the Schumann phase conjugate pump wave so Gaia climate emerges from chaos- are just the beginning. Fractality in time is now quantized.... predictable- you can set your calendar. Synchronicity is nothing more than the charge coupling produced by conjugate embedding – in the (fractal) charge rotation intervals- called time. How to emerge from chaos- starts with knowing why objects fall to the ground- now for the first time both questions are answered- in pure fractal highly accurate wave mechanics: HOW negentropy originates!

So- we present the new additional graphics here which substantiate my original book hypothesis.

Download the new Theraphi.net new 21 page color PDF: [Theraphi.pdf](#) here
(outline also for the [FractalU.com](#) course: Plasma Healing Science

from Dan Winter www.goldenmean.info The cause of gravity, color, perception,
and Life Force:

The Centripetal Charge
Compression

originates:

scaled precisely

to

Planck Length

& Planck Time

multiplied

precisely

by powers of

Golden Ratio

-this

PHASE CONJUGATION

adds & multiplies

constructively

phase VELOCITIES

converting Compression (of charge or plasma) in to ACCELERATION (gravity)!

Planck Length & Time
Universal Musical
Key Signature of
the Fractal Quantum Foam

The Caduceus
IS phase conjugation

Fractal Space Time
Essential Wave Mechanics
producing all negentropic forces:

Golden Ratio
Caduceus
Phase Conjugation
and Self Similarity
Wave Mechanics
Produce Constructive
Compression-
Creating Acceleration
from Compression*
Toward Center
(called 'gravity')
*because phase velocities
can heterodyne
recursively constructively
only in golden ratio

Winter's new equations have proven:

Winter's Equation -hz: (vs) 2.78, 4.5, 7.29, 11.8, 19.08, 30.88

Frequencies PRIORE used: 3 10 32 49.97, 80.85-hz

Equation for the
ORIGIN OF BIOLOGIC NEGENTROPY
(from cover of Dan Winter's book)

Planck Length/Time x Integer Exponents Golden Ratio=
Phase Conjugation & Negentropy Perfected!

These virtually exact even Golden Ratio FRACTAL Phase Conjugate Multiples of Planck Length and Time predict compelling
examples of NEGENTROPIC / SELF ORGANIZING and CENTRIPETAL FORCES - like: *Cellular ATP Freq

*Hydrogen Radii, *the ONLY 2 effective Photosynthesis Frequencies, *Schumann Resonance Frequencies *HRV LF&HF Frequencies

*Brainwave Frequencies of Peak Perception / Bliss, *Sacral Cranial Tidal Frequencies, *Ear Ringing Heard by Meditators

*Virtually Exactly the Duration of Earth Year and Venus Year.. (& the Priore and also Rauscher frequencies of bioactive fields!)

and the essential dodeca stellation 3D fractal symmetry of Alchemic collapse / fusion / transmutation,

DNA / living proteins as pent, Earth magnetic grid, Solar system orbital mechanics, and symmetry of masses in the universe!

How PRIORE

used Phase

Conjugation

without knowing it..

(he was inspired by

the golden ratio

harmonics Lakhovsky

used.. - now knowing

the principle- we could

perfect it for

Theraphi.net

with Tom Bearden

(<http://www.cheniere.org/books/aids/appendixI.htm>)

Chris Bird - famously writes of PRIORE's tests:

Exposing lentil seeds to a magnetic field of 225 gauss
and electromagnetic frequencies of
80, 32, 3 and 10 Hertz,

Priore's device caused the lentil plants
which sprouted from them to grow 12-15 centimeters
in length, as against only 5 centimeters for
controls not subjected to the same treatment.

He got similar results for tulips, asparagus and others



Operation Information Manual V1.6
www.theraphi.net

Introduction:

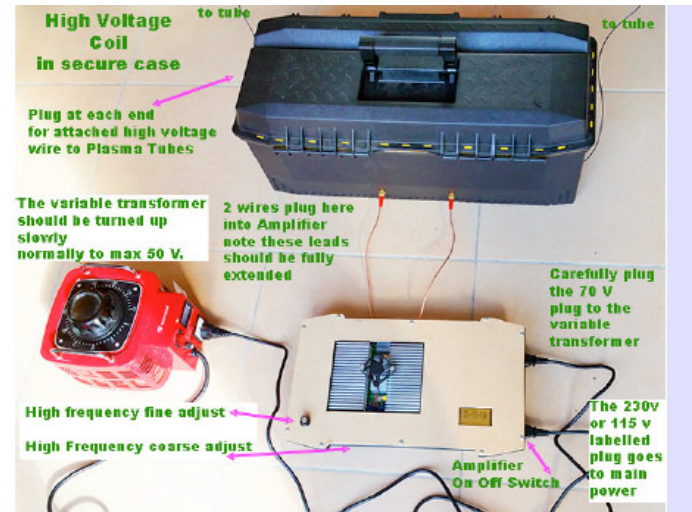
The Theraphi is an electronic device for creating a radiative bio-active plasma field by using radio frequencies as a carrier wave for various frequency signatures. The inspiration for the creation of this device is based on the pioneering efforts of Nicola Tesla, Georges Lakhovsky, Royal Raymond Rife and especially Antoine Priore in France.

The Theraphi takes their work to a whole new level, utilizing modern solid state electronics and Dan Winter's new equation and 'phase conjugate' physics to much more accurately and broad spectrally generate implosive / centripetal / phase conjugate charge fields. Theraphi is a one of a kind, new approach, never before has broadcast bioactive field plasma been so broad-spectral and never before have conjugate PAIRS of field generators been used, this includes noble gas optical conjugation.

The Theraphi is an experimental device at this point and so far we have received some remarkable testimonials from volunteers who have experienced the field effects, some people experience onset of various emotions, increased energy levels are common. Increased circulation, warmth and tingling sensations have been reported. Sacral cranial professionals have suggested the 'sacral cranial' spine liquid pump changes reaching the spine pump 'still point' - normally associated

Download new Theraphi Plasma Rejuvenation
Operation Information Manual
TheraPhi_Operation_Information_Manual_V1-6.pdf

www.TheraPhi.net



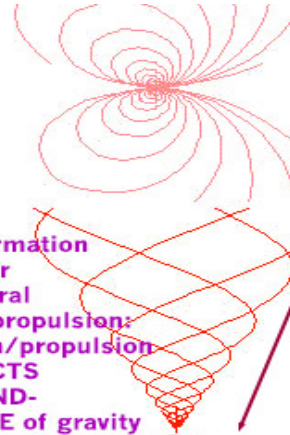
Theraphi is constituted of several key components:

a) Variable Transformer for 15 amp- variable AC (50/60) cycle input voltage
b) Main amplifier mixer section containing inputs for either 115 or 230 v 60/50 cycle AC, and additional input labeled 70 V for the connection to the variable transformer. Note the amplifier picture here shows the location of the tuning adjust (both fine and coarse), the on/off switch, etc.

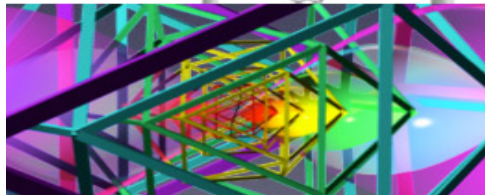
c) High voltage "Tesla Resonator Coil" in large protective case. Note in the photo, the connections on each opposite END of the coil case go to the plasma



Here is the new information
NASA needs in order
to use the most natural
(conjugate) form of propulsion:
www.fractalfield.com/propulsion
Namely: WHY OBJECTS
FALL TO THE GROUND-
the (conjugate CAUSE of gravity



Dan Winter's
new equation
Planck Length/Time
* integer exponents
Golden Ratio
(Phase Conjugation)
- have proven
this is the
accurate top view
of ..
-HYDROGEN
-Photosynthesis
-HRV/ATP
Origin Biologic
Negentropy



Golden Ratio Pent Recursion Symmetry
Exclusively Allows the Wave Front
(Phase) Velocity to Constructively
Recursively Add and Multiply- which
turns charge compression toward
center- IN - to CHARGE ACCELERATION (called 'the gravity')!

"Sine Waves"

GOLDEN MEAN RATIO

PERMITS ADDING
AND
MULTIPLYING
OF WAVES

Dan Winter's new equation for
the ORIGIN OF ALL NEGENTROPY
and CAUSE OF GRAVITY

exerpt
from the cover of his new book
fractalfield.com/fractalspacetime

This is the precise frequency cascade
(planck time x integer exponents of golden ratio
called PHASE CONJUGATION)
which identifies every negentropic lifegiving process
particularly including the exact 2 frequencies of
photosynthesis- and the exact frequencies
which make healing fields bioactive - like PRIORE,

RAUSCHER etc..
(and predict almost precisely the
duration of the Earth AND Venus year!!)

Dan Winter's new equation proving the phase conjugate
(charge distribution perfected) life giving TIMING of our planet orbit:

Solar year = Planck time x Golden Ratio $\wedge 241.01$ (1.35125×10^{-43}) x ($1.618 \wedge 241.01$) = 1 yr

Venus Year = Planck time x Golden Ratio $\wedge 240$ (224.701 Earth days / Solar Year 365.242 = .6152 (~ Golden Ratio)

Since Time is only defined by
the period of charge rotation-
this shows

the PHYSICS OF COINCIDENCE
is Charge Coupling by Conjugation
ref: goldenmean.info/coincidence

and Finally: Dan Winter's
New Equation proving the
Golden Ratio / Phase Conjugate
(and Centripetal / Implosive)
Frequency Recipe of
Brain Wave
Alpha / Beta of
Peak Perception (Bliss) see:
goldenmean.info/clinicalintro
AND

the Actual Harmonics
of Earth's Schumann Resonance!
Compare the
Schumann Frequencies (right)
which are the Golden Ratio
Cascade Basis of EEG/
Brainwaves of Peak Perception
(Bliss).. with
the PRECISE HARMONICS
Planck Time x Exponents of
GOLDEN RATIO!
2.78467 <- Pure
4.50569 Phase Conjugate
7.29037 Charge Compression
(Implosive/ Negentropic)
11.7961 vs. actual
19.0864 Schumann frequencies
* (Brainwave Alpha =
Schumann Resonance)

Living structures life force defined by ability to attract charge (become electrically centripetal):
www.goldenmean.info/architecture

Phase Conjugation by Golden Ratio DOES Quantify and define the color spectra AND its bioactive peaks!

Perfected COLLAPSE / IMPLOSION from Dan Winter

Fusion- key signature

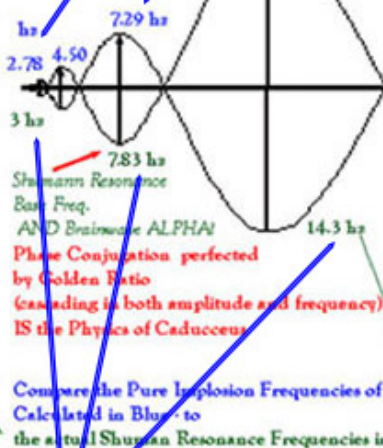
Planck Length and Time

"Sacred" (charge distribution enabled) Time is Phase Conjugate: FRACTAL

Here the same cascade Planck Time
times precise powers of GOLDEN RATIO

which precisely predicts:

- 2 frequencies which exactly motivate PHOTOSYNTHESIS
- hydrogen frequencies
- Earth Year
- Venus Year



discussion fractalfield.com/fractalphotosynthesis

Wavelength (nm)

19.09 Hz

The Caduceus

Hermetically Seals

our Physics Case

for the Golden Ratio

Phase Conjugate

Implosive- Origin of ALL

Centripetal Forces

Precise

IMPLOSION

Frequencies

of PHASE CONJUGATION

(blue)

Compared to

ACTUAL

SCHUMANN RESONANCE

Frequencies (green)

-ALSO Precisely the

EEO Frequencies of GENIUS!

ref

goldenmean.info/coincidence

advanced physics:

fractalfield.com/mathematicsoffusion

This harmonic cascade

predicts the frequency signature

to optimize ALL biologic reaction

note how it predicted the

key harmonics Priore used

to heal cancer, and Rauscher

used to reduce pain magnetically.

goldenmean.info/phaseconjugate

These are the exact measured frequency harmonics of the
Earth's SCHUMANN RESONANCE (ignore Greg Braden's confusion)

SO - CAN YOU GUESS WHAT NEEDS TO BE DONE now
to make GAIA emerge from chaos?????????

Hint- fix the music, fix the grid- it can be proven to eliminate pollution and more..!

Below particularly note the addition of the HRV LF/HF and MAYER WAVE frequencies to fit my new equation:

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

Update: May 2015

Winter's equation

Perfect Implosive Negentropy

ALSO predicts ADP/ATP Wave length

AND- exactly the

HRV LF and HF frequencies!

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

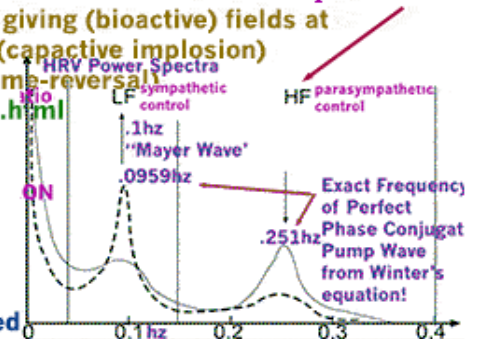
and the PRIORE rejuvenation field. (phase conjugate plasma time-reversal)

www.goldenmean.info/phaseconjugate/RejuvenationFieldTech.html

And documented rejuvenation effect:

www.imploderspa.com/ImploderSpaBrochure.pdf

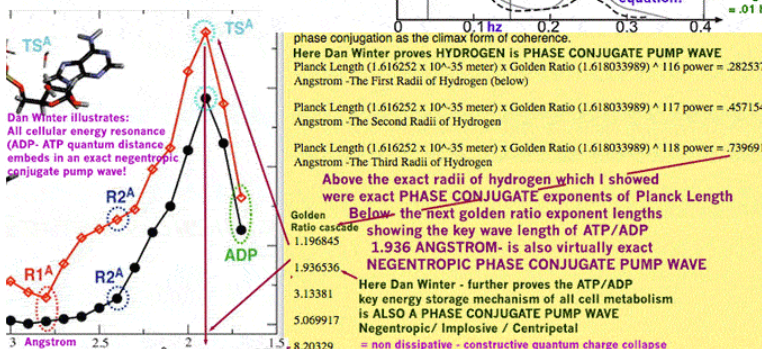
"God is the perfectly replicable part of the pattern/wave / meme because charge distribution perfected conjugation / fractality is what make any field centripetal, negentropic, and hence mindful.. God's domain- Dominus Vobiscum: literally- The Divine=Perfectly Branched



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 NEGENTROPIC/SELF ORGANIZATION
- PERCEPTION
- GRAVITY
- COLOR
- ALPHABET /SYMBOL

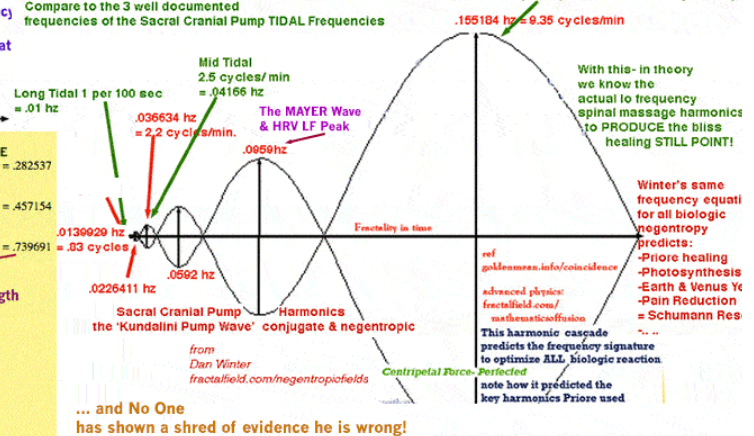
www.fractalfield.com



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?

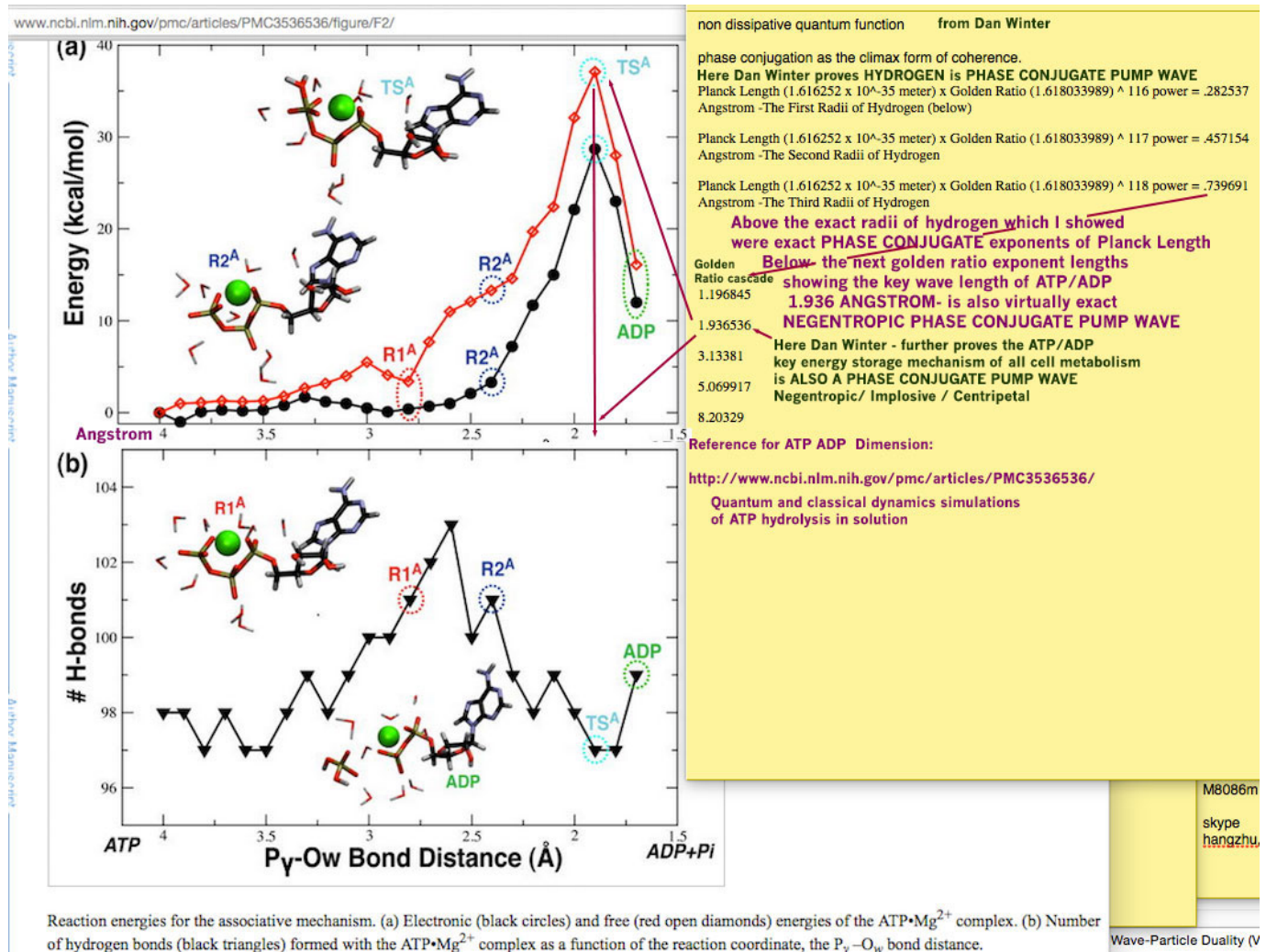
In RED- the precise calculated perfect (generalized origin of biologic negentropy) PHASE CONJUGATE PUMP WAVE - from Winter's equation Compare to the 3 well documented frequencies of the Sacral Cranial Pump TIDAL Frequencies

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



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

Also new from Dan Winter: Proving that **the key energy store and retrieve mechanism - ATP/ADP of ALL CELL METABOLISM- Is ALSO A NEGENTROPIC PHASE CONJUGATE PUMP WAVE- directly- to Planck/and Hydrogen dimension!**



Reaction energies for the associative mechanism. (a) Electronic (black circles) and free (red open diamonds) energies of the ATP•Mg²⁺ complex. (b) Number of hydrogen bonds (black triangles) formed with the ATP•Mg²⁺ complex as a function of the reaction coordinate, the P_γ-O_w bond distance.

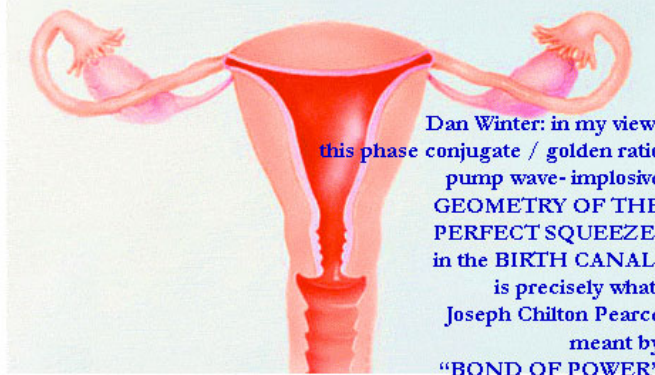
Love (Lo-Phi): Wave geometry of PERFECT EMBEDDING- joining the CENTRIPETAL, PERFECT COMPRESSION, IMPLOSIVE, NEGENTROPIC, PHASE CONJUGATE PUMP WAVE

ALEX'S ADVENTURES IN NUMBERLAND

HOSTED BY THE GUARDIAN

Golden ratio discovered in uterus

Belgian gynaecologist measures reproductive organs of 5,000 women and finds that the most fertile have 'mathematically perfect' dimensions



The study suggests that when women are at their most fertile, between 16 and 20, the proportions of their uteruses reflect the golden ratio. Photograph: Alamy

The golden ratio is a scientific nugget that has, for at least two thousand years, belonged as much to mysticism as to mathematics. It is just a number – 1.618 – but to its devotees the ratio expresses aesthetic perfection, and can be found wherever there is beauty.

guardian.co.uk/science/alex-adventures-in-numberland/2012/aug/14/golden-ratio-uterus

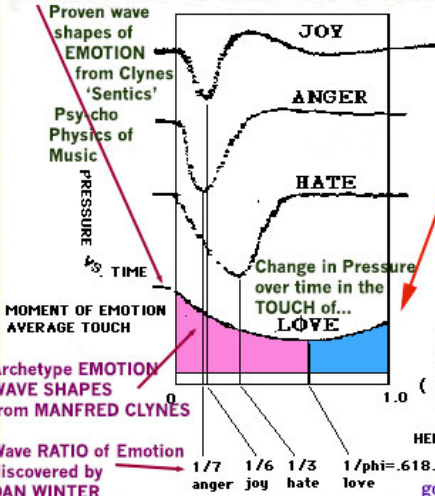
the above curves on the right are the documented SHAPE of PRESSURE OVER TIME- in HUMAN TOUCH / MUSIC- which mathematically correspond to emotion as wave shape. (ref Sentics by Manfred Clynes)

In rebirthing - the physics of achieving maximum transference of (plasma) memory THRU the birth canal requires that the change in pressure over time of 'you couldn't get a better SQUEEZE' -the perfect squeeze'.....

THAT the birth canal passage reaches maximum compression in this geometry of touch over time....

producing implosive conjugate convergence of voltage/ pressure / memory...

meaning this is how interstellar or long wave memories CAN make it thru the birth canal... ALL is sorted!



The IMPLOSIVE SHAPE of the compression path thru the perfect birth canal!

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

goldenmean.info/touch

First more graphic detail on my new hydrogen equation-

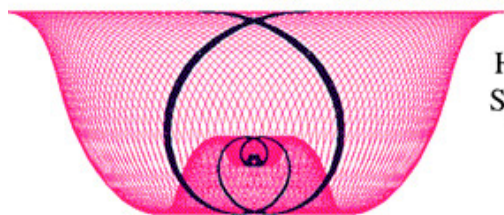
Protons (and Gravity) exist because of
FRACTAL / Conjugate Embedding in the Electron

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 $\times$ Phi¹¹⁶**
 in Hydrogen **R2 = Planck $\times$ Phi¹¹⁷**
 The Smoking Gun! **R3 = Planck $\times$ Phi¹¹⁸**

Planck Length
 Phi= Golden Ratio



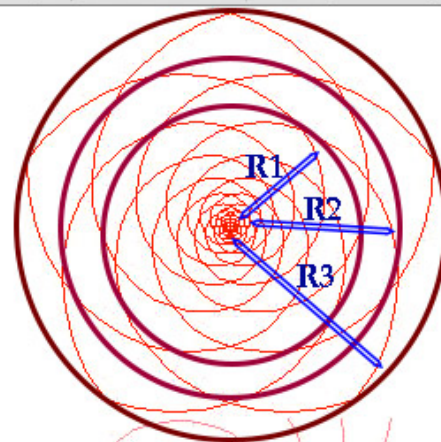
Here are 3 views of the Spiral
 Spin Path to the "Zero Point" /
 Implosion..

Top / Oblique / Side..

The "Holy Grail" of Fusion / Implosion

Also has a psychological component..

.. Next we look at compassion as implosion..



(Dan Winter's new equation for 3 significant hydrogen radii - planck length * integer exponents golden ratio- goldenmean.info/goldenproof -beautifully complements extensive work by Heyrovska et al - on golden ratio wave mechanics in hydrogen structure- see link above.

Dan Winter & Martin Jones- new proof with wave equations- that golden ratio is the solution to constructive wave interference,

therefore charge compression, therefore phase conjugation: fractalfield.com/mathematicsoffusion as published)

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 hydrogen radii I, II, III:

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

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

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

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

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

Google Calculator Links for Hydrogen Radii:

[Radii I](#)

[Radii II](#)

[Radii III](#)

Above – at link (fractalfield.com/conjugategravity) – Mark provides a google calculator algorithmn to confirm the accuracy of my equation.

(below) - Advanced engineer and physics team Mark Rohrbaugh- with his amazing partner Lyz Starwalker- have derived a completely revolutionary new equation- for the first time proving the geometry of the mass relationship of the proton to the electron to Planck. In the process - using Nassim's proton math- he has proved Nassim's golden ratio mathematics correct- AND in the process- absolutely providing the equation based physics to prove Dan Winter's FRACTAL-PHASE CONJUGATE cause of gravity / fusion - and all negentropy!

What Mark & Lyz prove (below) by their new equation for the (phase conjugate) geometric ratio of proton to electron mass - is that the reason proton's exist is because they are embedded in a phase conjugate arc from the electron! .. also proving Dan Winter's phase conjugate model of gravity.

If now for the first time- the phase conjugate charge arc- (THE GRAVITY) which (fractally) EMBEDS the proton within the electron - is now proven- [Dan Winter's fractal conjugate cause of gravity](#) cannot be refuted. In the case of hydrogen- [Dan Winter's new equation](#) has proved that

spacing of electron shells-to the Planck center- is precisely integer golden ratio exponents (PHASE CONJUGATE..) of Planck length.

This could relegate the idea of the Higgs Boson- and Dark Matter- to the dustbin of history. If it is well known that the arrangement of masses in the Universe- is fractal / dodeca (see the cover of New Scientist and Scientific American Magazines-below)- AND the new theory from Dan Winter - that (dodeca/golden ratio) charge fractality/phase conjugation- causes gravity- THEN it is strongly suggested that the extra gravity physicists use as the only excuse to imagine the totally un-proven idea of dark matter- could well now be explained by the new FRACTAL THEORY OF GRAVITY- from Winter.

The following 3 images – providing correlating evidence to Dan Winter's phase conjugate model of gravity are from the work of Mark Rohrbaugh:

Complete Solution for Proton and Electron - Schrödinger's Wave Equation

See:

<http://phxmarker.blogspot.com/2015/06/mprp4lmreme-source-of-mass-of-matter.html>

...for Complete Solution for Proton and Electron - Schrödinger's Wave Equation

Phase conjugate solutions to Schrödinger's Wave Equations are what is produced and the electron and proton are the opposite phases (180 degrees out of phase). This is the standard method of solving these types of equations, and as in Quantum Field Theory (QFT) it is well known about the dagger notation of an operation to get a measurement, for example, a real result or a measurement is always a matrix product of two phase conjugate(dagger conjugate), spacetime (k-momentum space, time), thus any real manifestation will be the result of this type of product conjugate.

And of course complex conjugates are used in Maxwell's equations. I use complex conjugates all the time in my electrical engineering work. Because Maxwell is always lurking in the background. We will add more on our march for a complete theory and description.

These solutions will be just like Dan Winter's phase-conjugate solutions.

Mark Eric Rohrbaugh and Lyz Starwalker

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by
Mark Rohrbaugh
and
Lyz Starwalker



"No Higgs Boson Required?", Bozon T. Clown.

This is PROOF to the solution of the proton radius puzzle.

Also proof of Dan Winter's Phase-Conjugate work: $MpRp=4LM=MeRe$

Represents a conjugate pair using Maxwell's Equations with EFE, etc.

$MpRp = 4LM = ReMe$ clearly defines the mass relationships between the electron and the proton in terms of fundamental units, formulations, constants, and measured constants, all consistent with mainstream work.

From this relationship come μ , the proton to electron mass ratio:

$$\mu = \frac{m_p}{m_e} = \frac{\alpha^2}{\pi r_p R_H} = 1836.15267$$

& Planck Mass to Electron Mass Ratio:

$$\nu_1 = \frac{m_\ell}{m_e} = \frac{r_e}{4\ell} = \frac{\alpha^2}{4\pi\ell R_H} = 2.3893048e + 22$$

& Planck Mass to Proton Mass Ratio:

$$\varphi = \frac{m_\ell}{m_p} = \frac{r_p}{4\ell} = 1.30125608e + 19$$

Analytical equations for these relationships have been looked for for a long time. Using [Haramain's work](#), these simple equations result, or if one guesses the relationships, Haramain's equations result.

α = fine-structure constant

ℓ = Planck ℓ length

$$r_e = \frac{\alpha^2}{\pi R_\infty}$$

r_p = proton radius, 2010 & 2013 muonic hydrogen proton radius

R_H, R_∞ is Rydberg constant

π is good.

QED.

(gravito-magnetics spawns from this work, this first ToE)

$$MpRp = 4LM = ReMe$$

Nothing is isolated in this connected universe, not even the proton. Systems must be wholly analyzed in their environment, which requires understanding the vacuum.

So, the electron balances the proton, and these equations can be seen to be very similar to torque equations. Nassim Hamein has added [torque](#) and [Coriolis](#) effect to Einstein's field equations, along with a few other key things (the proper IVM of B. Fuller et al), so it is no coincidence:

$$\vec{\tau} = \vec{r} \times \vec{F}$$

$$F = ma$$

$$\vec{\tau} = \vec{r} \times m\vec{a}$$

$$\tau = rma \sin(\theta_{ra})$$

$$\tau \propto rma$$

Since the torque is balanced between the proton, electron, and the vacuum, and equal and opposite, the acceleration can be dropped from the equation:

$$\tau \propto rm$$

(more on this later)

So, MpRp and MeRe are products of mass and length, just like torque is - or -

A line mass occurs near a black hole, this could be an additional explanation for the balance equation, as is explained in [this review of Planck Units](#) (see link it mentions how the line mass relationship is derived). Again, I'm deriving all of this realtime by the seat of my pants. Will continue later...

The electron is NOT a particle, it is an energetic disturbance in the fabric of spacetime. The electron vibrates into and out of the vacuum. It may be like a little vortex in the fabric of spacetime. More on the electron later as well.

Proton Radius Puzzle and Mass Comments

- Similar approach to calculating black hole mass
- The proton mass is a dynamic energetic vibration in the vacuum
 - Proton information is exchanged with the immense density of the vacuum
 - Proton essentially blinks into and out of the vacuum at a Planck time rate
 - The electron completes and feeds the proton and balances the torque/spin
 - $m_p r_p = r_e m_e$
 - We will develop this relationship further to examine the key proton to electron mass ratio
- These ideas are still being developed as an extension to the existing physics – it's just the beginning and results and new relationships are being obtained

Proton to Electron Mass Ratio, New Equation!

$$\mu = \frac{m_p}{m_e} = \frac{\alpha^2}{\pi r_p R_H} = 1836.15267 \dots \quad \alpha = \frac{1}{4\pi\epsilon_0} \frac{e^2}{\hbar c} = \frac{\mu_0 e^2 c}{4\pi \hbar} = \frac{k_e e^2}{\hbar c} = \frac{c\mu_0}{2R_K}$$

- α = fine structure constant
- R_H = Rydberg constant
 - symbol R_∞ for heavy atoms or R_H for hydrogen

Derived using:

- $m_p r_p = 4\ell m_e$
 - Hamein's equation
- $m_e = \frac{2R_H \hbar}{c\alpha^2}$
 - https://en.wikipedia.org/wiki/Electron_rest_mass

Where:

- e is the [elementary charge](#);
- $\hbar = h/2\pi$ is the reduced [Planck constant](#);
- c is the [speed of light in vacuum](#);
- ϵ_0 is the [electric constant](#) or permittivity of free space;
- μ_0 is the [magnetic constant](#) or permeability of free space;
- k_e is the [Coulomb constant](#);
- R_K is the [von Klitzing constant](#).

From: https://en.wikipedia.org/wiki/Fine-structure_constant

- Originally derived using Schrödinger's equation circa 1990 by M. Rohrbaugh
 - Needed more accurate new value for proton radius measurement

Link to Sacred Geometry and the Phi Ratio, continued

Dan Winter's equations

$$\text{Orbital Year} = \text{Planck_time} \times \text{Golden_Ratio}^N$$

- $\text{Year}_{\text{orbit}} \cong t_\ell \times \varphi^N$
- Venus Year, $N = 240$
- 365.25 days (Earth year) divided by PHI gives the days cycle of Venus (225.7).

Planck Units:

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

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

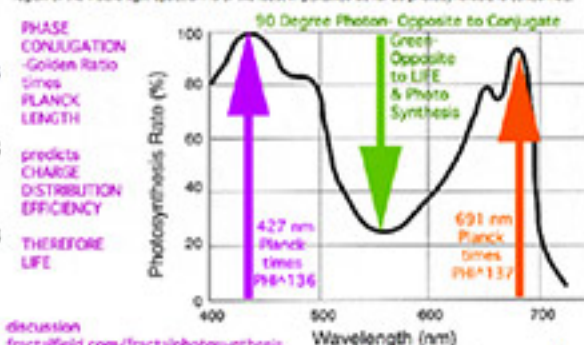
$$\text{Planck Time: } t_p = \sqrt{\frac{\hbar G}{c^5}}$$

Wavelength of Light for Photosynthesis

- $\lambda = \ell \times \varphi^N$
 - ℓ = Planck length
 - Violet ($\lambda = 427\text{nm}$) 427.387485 nanometers
 - $N = 136$
 - Green ($\lambda \cong 550\text{nm}$) 543.645279 nanometers
 - Non-Integer $N \cong 136.5$
 - Red ($\lambda = 691\text{nm}$) 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.



Link to Sacred Geometry and the Phi Ratio

MARK ROHRBAUGH - PRELIMINARY PDF / COURSE INTRO
FOR HIS COURSE: ADVANCED GEOMETRIC PHYSICS SOLUTIONS

• Tetrahedron is fundamental building block - AT WWW.FRACTALU.COM

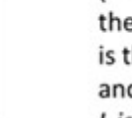
• Platonic solids

[ADVANCEDGEOMETRICPHYSICSOLUTIONS1.PDF](#)

• Phi ratio in nature due to the natural growth – building of structure

Phi, ϕ , the golden ratio, $\frac{1+\sqrt{5}}{2}$ is

found in relating the Cartesian coordinates of the Platonic solids. Dan Winter's equation: $= L \times \phi^n$ 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 is the Planck Length.

Cartesian coordinates								
Figure	Tetrahedron		Octahedron	Cube	Icosahedron		Dodecahedron	
Vertices	4		6 (2x3)	8	12 (4x3)		20 (8x4x3)	
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, xq) (x1, xq, 0) (xq, 0, x1) (xq, 0, x1)	(0, xq, x1) (xq, x1, 0) (x1, 0, xq) (x1, 0, xq)	(x1, x1, x1) (0, x1/q, xq) (x1/q, xq, 0) (x1/q, xq, 0)	(x1, x1, x1) (0, xq, x1/q) (xq, x1/q, 0) (x1/q, 0, xq)
Image								

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

10/27/15

Advanced Geometric Physics Solutions by Mark Rohrbach



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

• $\lambda = \ell \times \phi^N$

• ℓ = Planck length

• Violet ($\lambda=427nm$) 427.387485 nanometers

• $N=136$

• Green ($\lambda \cong 550nm$) 543.645279 nanometers

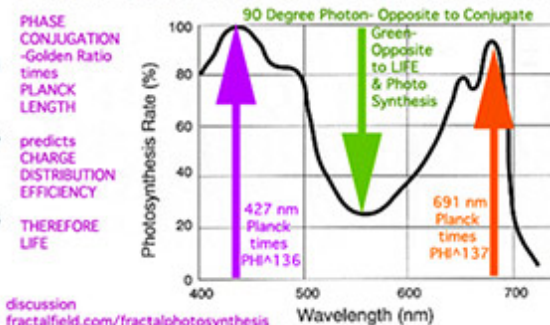
• Non-integer $N \cong 136.5$

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• $N=137$

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.



discussion fractalfield.com/fractalphotosynthesis

10/26/2015

Advanced Geometric Physics Solutions by Mark Rohrbach

7

Above graphic- on Planck Time x Golden Ratio is based on the work of Dan Winter, graphic prepared by Mark Rohrbach.

INCORPORATION OF THE GOLDEN RATIO PHI INTO THE SCHRÖDINGER WAVE FUNCTION USING THE PHI RECURSIVE HETERODYNING SET

phi-noetics1

Salvatore Giandinoto*, Ph.D.

Abstract. The Golden Ratio Phi (Φ) is an extraordinary and ubiquitous irrational number having a value of 1.618033... Phi's presence may be seen in both the biological and astronomical realms and recently in the quantum mechanical and physical realms. In the biological realm, the number Phi can be seen in both Phyllotaxis and DNA. In the astronomical realm, its presence is found in the spiral structures of galaxies. In physics, Phi can now be related to the g-factors of the electron, proton and neutron. This paper will show and prove that Phi is also intimately related to the quantum realm by virtue of its presence in the quantum mechanical wave function $\Psi(x, y, z, t)$. The basis for the compact incorporation of Φ into the wavefunction will be derived from solving the Schrödinger Wave Equation and the use of the Phi recursive heterodyning set of wavelengths λ_n . Solutions to the Schrödinger Wave Equation based on these recursive wavelengths and Φ will be derived in both Cartesian and Polar coordinates. The state function derived from solving the Schrodinger Wave Equation is a compact relationship that includes the "four basic constants" (b4C) 2, e , π and Φ originally proposed by Michael Heleus [1] whereby he had shown an interesting relationship between the b4C in relation to the building of both the great pyramid of Giza, Egypt and the Parthenon in Athens, Greece. Heleus has postulated that these ancient builders erected structures based on two orthogonal axes. The numbers Phi and two for the North-South axis and the numbers e and π for the East-West axis. Heleus also found that the b4C are coordinated by a rule of exponents such that a new constant is created which is the least-mean-square error optimized value of the number which is simultaneously a root of each of the 4 constants whereby the index of the root is very close to an integer of 3 digits or less. This optimized value Heleus designated as HC (Heleus' constant) equal to 1.0060427, which is simultaneously approximately the 80th root of phi, the 115th root of 2, the 166th root of e , and the 190th root of pi. If all of these root indices are added up and then divided by four, the number 137.75 is obtained. The fine-structure constant α is equal to the reciprocal of 137.03599911. The difference between the fine-structure constant and the reciprocal of 137.75 only amounts to about 0.004% and is therefore well within the bounds of being scientifically significant.

Keywords: Schrödinger wave equation, Phi, heterodyning set, quantum mechanics, state function, b4C
The Golden Ratio Phi (Φ) has been termed "The World's Most Astonishing Number" by author Mario Livio in his book **THE GOLDEN RATIO**, Broadway Books, New York, 2002 [2]. Phi can easily be derived by solving the simple quadratic equation, $x^2 - x - 1 = 0$. The two roots of this equation are $\Phi =$

1.6180333... and $\phi = -0.618033...$ or $x = \frac{1 \pm \sqrt{5}}{2}$. There are many hundreds, if not thousands of

SUPERLUMINAL TRANSPORTATION OF HIGH ENERGY PARTICLES THROUGH WORMHOLES USING THE PHI-BASED SOLUTION TO THE SCHRÖDINGER WAVE EQUATION, THE THEOREM OF RESIDUES AND THE CAUCHY INTEGRAL FORMULA

Sal PDF 2

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Abstract. This paper will demonstrate that the transportation of high energy subatomic particles through wormholes occurs at superluminal speeds through an ‘elastic’ wormhole entity which adjusts its diameter based upon the kinetic energy of the subatomic particle. Additionally, it is shown that the diameters of such wormholes are of sub-Planckian lengths for energetic subatomic particles. This is demonstrated by the use of the Phi-based solution to the Schrödinger wave equation, the theorem of residues and the Cauchy integral formula of complex analysis. Furthermore, it will be shown that a possible quantum gravitational constant called the *Giandinoto-Amoroso-Rauscher Quantum Gravitational Constant (GAR-QGC)* may be the quantal unit of the hypothetical spin-2 graviton. It will also be shown that the expansion of the universe at the Planck time occurred with a kinetic energy of approximately 4.14×10^{29} eV.

==

End insert from Sal Giandinoto

Also we reprint here a pointer to the work of EL NASCHIE – on this subject of Golden Ratio wave mechanics:

In addition we know from the unwritten dictionary of E -infinity that [2,5]

$$6 \rightarrow 6 + k = 6.18033989$$

and

$$\pi \rightarrow 3 + \phi^3 = 3.236067977.$$

Consequently

$$(6)(\pi) \rightarrow (6 + k)(3 + \phi^3) = 20.$$

Now 66 seems a little odd number for E -infinity and the nearest which comes to mind is

$$2(32 + 2k) = 64 + 4k = 64.72135954.$$

Assuming this to be correct, and we will see shortly that it is correct, then A_1 is given by a simple exact expression

$$A_1 = \frac{20}{64 + 2k} = (\phi/2),$$

where ϕ is the golden mean. Next we know from E -infinity that $\bar{\alpha}_{ew}$ is given exactly by [2,5]

$$\bar{\alpha}_{ew} = \bar{\alpha}_0 - \bar{\alpha}_3 = (137 + k_0) - 9 = 128 + k_0 = 128.082039325,$$

where $k_0 = \phi^5(1 - \phi^5)$. Furthermore, we have

$$A_2 = 1 + 5/3 = 2.6666,$$

which must be replaced by $(1/\phi)^2$. Consequently we have

$$1 + (5/3) = 2.6666 \rightarrow 2 + \phi = (1/\phi)^2 = 2.618033989.$$

Thus our factor is $(A_2)(\bar{\alpha}_3) = (1/\phi)(9)$ amounts to 23.5623059. Therefore

$$(1 + C2)(\bar{\alpha}_3) \rightarrow (2 + \phi)(9) = 23.5623059.$$

Inserting in $\ell n \frac{M_u}{M_z}$ one finds

$$\ell n \frac{M_u}{M_z} = (\phi/2)[128 + k_0 - (2 + \phi)(9)] = (\phi/2)[104.5197334].$$

This is a particularly interesting result because

$$\bar{\alpha}_0|_{GUT} = (10)(1/\phi)^5 - (6 + k) = 110.9016995 - 6.1803398 = 104.7213596,$$

which is quite close to the used value and we suspect therefore that the correct expression should be

$$\ell n \frac{M_u}{M_z} = (\phi/2)[\bar{\alpha}_0|_{GUT}] = (\phi/2)(104.7213596) = \frac{64 + 4k}{2} = 32 + 2k.$$

Amazingly the long and somewhat mystifying expression for $\ell n \frac{M_u}{M_z}$ boils down to a simple golden mean scaling of the electromagnetic fine structure constant because [2,5]

$$(\bar{\alpha}_0)(\phi)^3 = (137 + k_0)(\phi^3) = 32 + 2k.$$

In other words, $\ell n \frac{M_u}{M_z}$ is nothing but

$$\ell n \frac{M_u}{M_z} = (\bar{\alpha}_0)(\phi)^3.$$

[Private link to Professor El Naschie's Paper:
Transfinite Harmonization
CHAOS_5954.pdf](#)

And finally- since Mark Rohrbaugh self stated conclusion is that when he successfully used Nassim Hamein – number for the Schwartzschild PROTON (and muonic hydrogen)- to newly derive his equation- for Proton to Electron mass- that this is strong evidence Nassim is right. Which then substantiates Nassim’s placement of the PROTON more correctly on the GOLDEN RATIO GLOBAL SCALING LAW OF PHYSICS- (below)

Mark's reference to Nassim Hamein- on Golden Ratio and Planck:- more evidence how Golden Ratio causes gravity:
Excerpted here from our conference with Nassim and Elizabeth: www.goldenmean.info/budapest08/physicsoverview.html

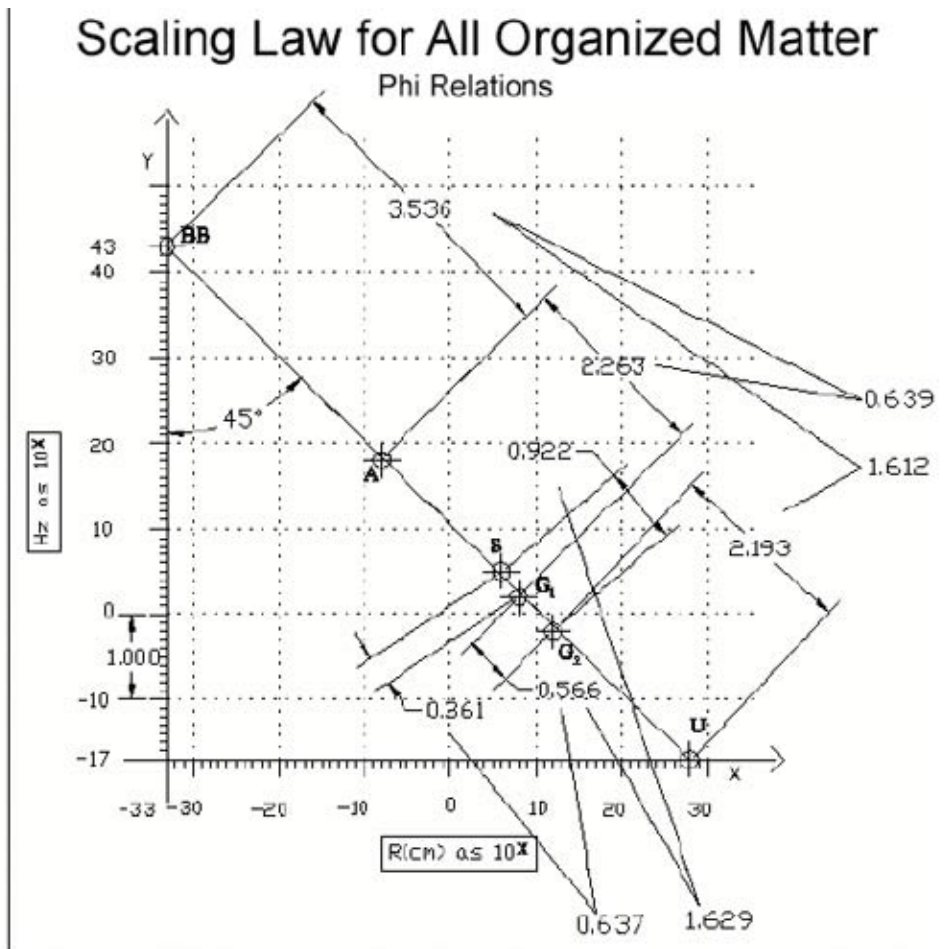


Figure 2b. We note that the distance between the data points on our graph, when divided with each other as in Figure 2b, yields a very close approximation to the familiar $\Phi(\phi)$ ratio given by $(1+\sqrt{5})/2 \approx 1.618$ and its inverse $(1-\sqrt{5})/2 \approx 0.618$. It is both appropriate and significant that the so called “golden ratio” is reflected in our scaling law (which maps energy dynamics at all scales), since it is prominently found everywhere in nature and has marked the evolution of cosmological mechanics and modern physics [18], from Kepler’s solar system modeling [20] to aperiodic Penrose tilings [21], including recent work on the thermodynamic phase transition of black holes showing a change of state from negative specific heat to positive specific heat at $(1-\sqrt{5})/2 \approx 0.618$ [22].

Scaling Law for All Organized Matter

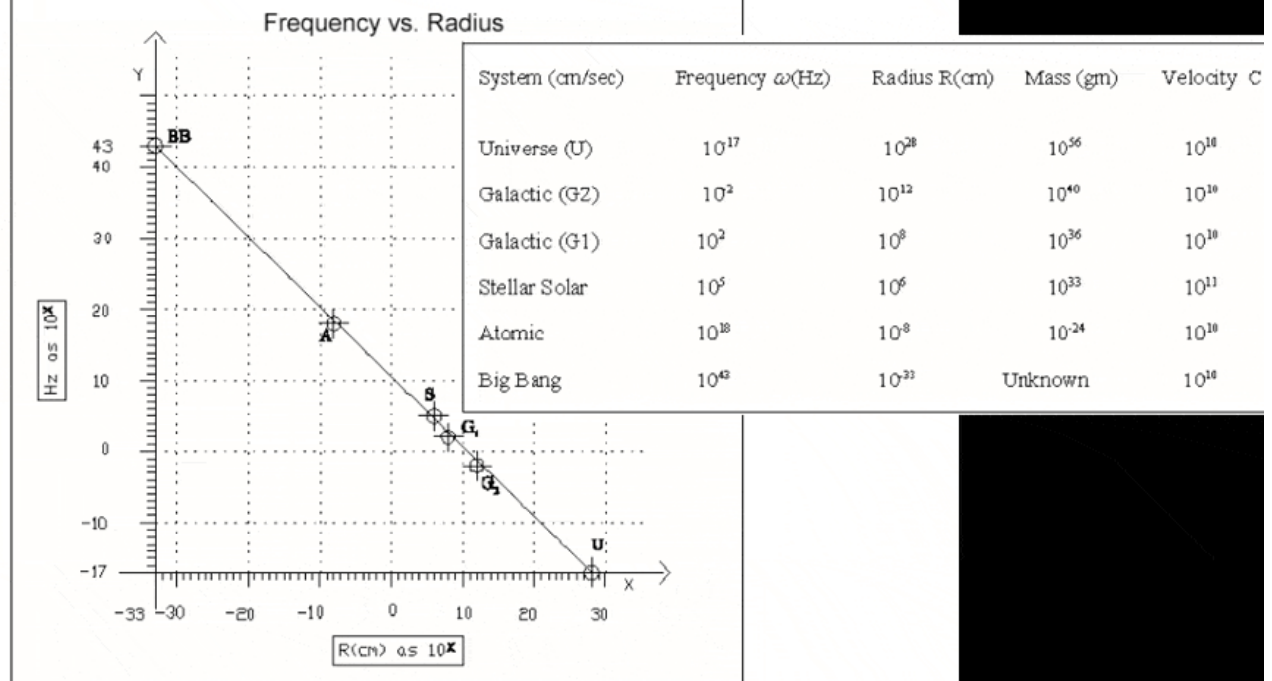


Figure 2a. A scaling law for organized matter of frequency vs. radius. The black hole system is presented in this figure. Plotted from the top left is the mini black hole at the Planck distance of 10^{-33} cm through to the stellar-sized black holes, larger black holes, galactic center black holes and at the lower right is a Universe-sized black hole. Note that in between the stellar size and the Planck distance mini black hole we have included a data point for the atomic size which we as well calculate a new value for its mass that includes the energy available in the vacuum space of a nuclei and yields the correct radius to describe an atomic resolution as mini black holes (see equation (5) to (18)). It is of interest that the microtubules of eukaryotic cells, which have a typical length of $2 \times 10^{-8} \text{ cm}$ and an estimated vibrational frequency of $10^9 \text{ to } 10^{14} \text{ Hz}$ lie quite close to the line specified by the scaling law and intermediate between the stellar and atomic scales [19].

End excerpt from Nassim- regarding GOLDEN RATIO in global scaling wave mechanics.

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Notes on Dan Winter's prediction about Golden Ratio multiples of the speed of light/ C:

THE FACT THAT SPEEDS FASTER THAN LIGHT- measurements- do center very near- 1.618 golden ratio TIMES the speed of light: Confirms- Golden Ratio/Phase Conjugation - CAUSES gravity.. because..

" my theory of gravity says the (inPHIknit) charge compression producing golden ratio phase velocity heterodynes- going toward planck center- allows the WAY OUT for that charge (why gravity goes one way) by the superluminal component - of charge accelerated by phase conjugation- to LONGITUDINAL (gravity) waves- which must then necessarily be golden ratio multiples of the speed of light- note that famously prof. raymond chiao - concluded by measurement that faster than light velocities measure generally between 1.5 to 1.7 times the speed of light (suggesting 1.618 is probably correct) : "Q&A:

Since quantum tunnelling through light speed C- is shown to be dominant very near 1.618 GOLDEN RATIO times normal light speed C- this would strong evidence Dan Winter's golden ratio conjugate cause of gravity- theory is correct (ref prof raymond chiao): Cam McNaughton What happens at the "zero point", Dan; a bending back, from a boundary? Dan Winter answered: at the zero (planck) point - phase conjugate charge wave velocities are accelerated through the speed of light by golden ratio multiples OF the speed of light (one of the proofs of the theory-ref prof raymond chiao "the quantum tunnelling time, which was found to be between 1.5 to 1.7 times the speed of light'- hint 1.618)-

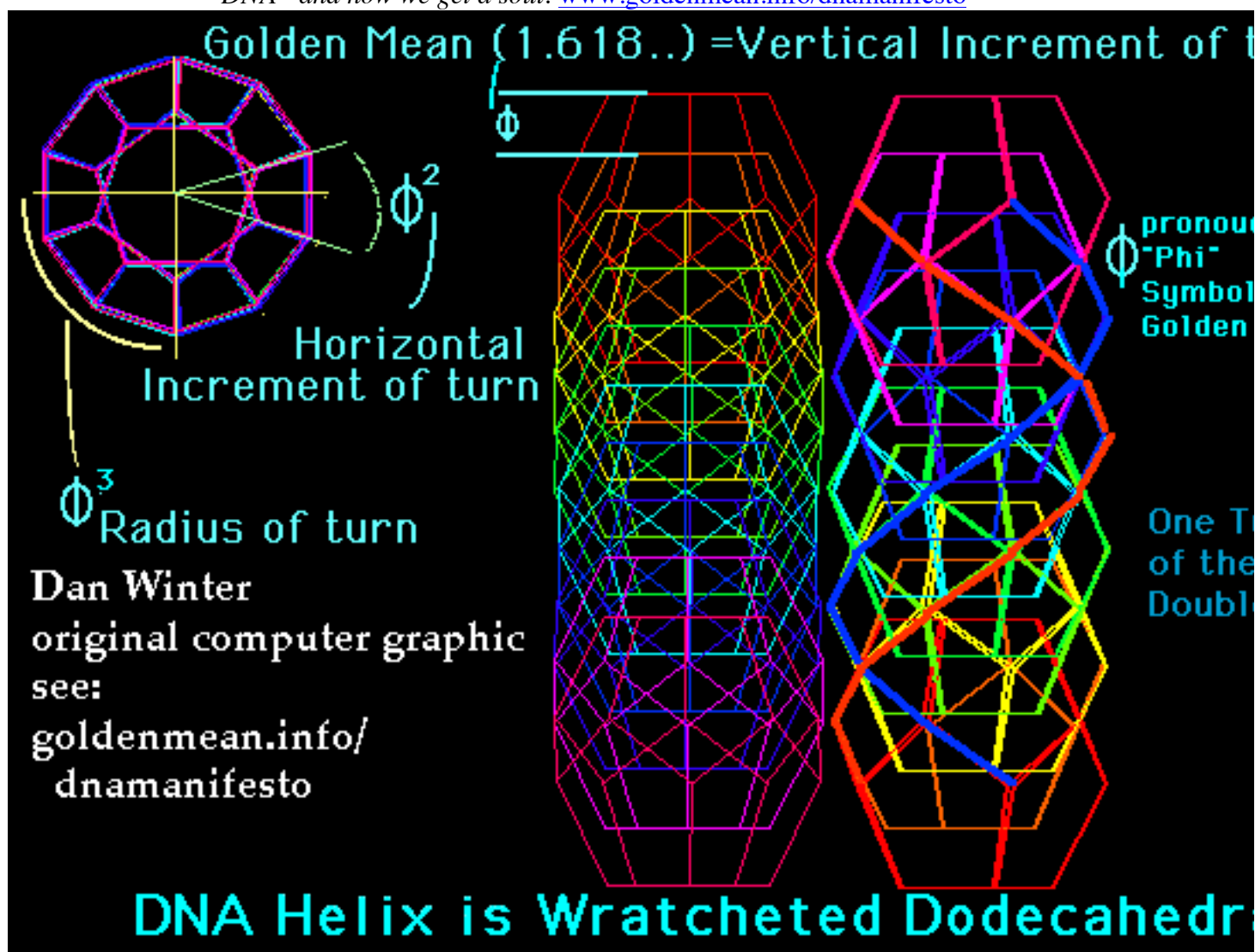
https://en.wikipedia.org/wiki/Raymond_Chiao

quoting...Chiao has become well known in the field of quantum optics due to several important

experiments. Based on former experiments carried out by Günter Nimtz in 1992[1] he measured the quantum tunnelling time, which was found to be between 1.5 to 1.7 times the speed of light.

(In essence Dan Winter is saying golden ratio phase conjugation IS the wave geometry of the PERFECT QUANTUM TUNNEL / constructive interference solved.../ EMBEDDING PERFECTED... the advanced thinker begins considering here then HOW golden ratio conjugation IS the only way thru death.. see the geometry of successful death: www.goldenmean.info/immortality

Link to Dan Winter's article : *Phase Conjugate Implosive Centripetal Negentropy Physics APPLIED TO DNA - and how we get a soul:* www.goldenmean.info/dnamanifesto



Related Dan's [original film: Purpose of DNA](#)

End Edition TWO Supplement