

Ancient
Advanced
Acoustic
Alchemy
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Chapter One: The Paradox of Pythagorean Paranormal Pan Pipes As Ancient Mystic Music Alchemy

We have been lied to about what real Pythagorean harmonics alchemy is. The lie started with Philolaus who wrote a book, even though he was not a real practitioner of the Pythagorean training, requiring five years of silence meditation as incubation. The lies in this book were then spread by Plato and Archytas and powerful lies they were! They created Western civilization which has enabled very fancy materialistic technology, at great expense to ecology and social justice around the world. Aristotle critiqued the lies spread by Plato but Aristotle did not know the real truth of Pythagorean philosophy. By then, as Dr. Peter Kingsley has pointed out, it was too late.

So I had been simply a curious music student, taking classical piano, after quietly sitting through my mom's piano lessons, when I was just three years old. So by the age of five I started my own piano lessons and so by high school I was taking music theory classes and training privately with a former music professor, in orchestration, ear training, sight reading and music composition. But the problem is that I secretly realized that Pythagorean tuning was correct. As Sir James Jeans points out in his book *Science and Music*, the empirical truth is an infinite spiral in both directions, and thereby all simplicity disappears.

Actually you would think it was simple but all I had wondered in music theory class is why can't G to C be $3/4$ and F to C be $2/3$ instead of C to G having to be $3/2$ and C to F being $4/3$? I realized there was a secret logical error in the math and it wasn't until 20 years later that Fields Medal mathematician Alain Connes points out that actually music theory is from noncommutative phase with a geometric dimension of zero, just because of this 2, 3, infinity. In other words if C is 1 as the root tonic then the octave C is 2 but 3 is G as the Perfect Fifth overtone while 3 is F as the Perfect Fifth undertone, at the same time! $G=3=F$ as nonlocal quantum entanglement consciousness or spin $1/2$ phonons as the 5th dimension.

So from a very simple logical analysis, a very radical result is revealed. We are taught that music is based on emotions and so it's not the same as acoustics but the magic of music is that as the language of emotions it is also based, inherently on math that is quality. This can simply be demonstrated by the magic of the Perfect Fifth. All human cultures use the Octave as $1/2$ and the Perfect Fifth as $2/3$ and the Perfect Fourth as $3/4$. But in fact what we hear as the Perfect Fourth is actually the Perfect Fifth as the complementary opposite. So for example in blues music the five chord is what pulls us to the root tonic while the Perfect Fourth interval is still building up the tension and doesn't resolve the cycle to the root tonic. And yet G to C is a Perfect Fourth while C to G is a Perfect Fifth. So this basic paradox shows how we hear a different emotional property and yet the frequency is different as a different pitch. Or to put this another way, the frequency can be C to F as $2/3$ frequency yet it is a Perfect Fifth while $3/2$ is also a Perfect Fifth but is C to G, as $3/2$ frequency. So even though the Pitch is the same as Perfect Fifth we hear a different emotional quality since it has a different pull or resolve to the root tonic of 1 as C.

So how does this tie into Pythagorean alchemy? Whenever someone learns Pythagorean alchemy actually they are learning the lies of Philolaus but if you really study the texts – like Peter Pesic quotes Boethius stating that for Pythagoreans the frequency $9/8$ was not part of the sacred Tetraktys of $1:2:3:4$ and so $9/8$ was not included in real Pythagorean alchemy. And when Pythagoreans taught, "All is Number and Harmony" they really meant this – not the lies of Philolaus. In other words as the principle of Pythagoras is still considered fundamental to science, frequency is inverse to time or wavelength and with quantum physics frequency is directly proportional to momentum. So when Philolaus converted frequency and wavelength into geometric symmetric magnitude this went against the real teaching of Pythagoreans!

Now when Pythagoreans taught "One is not a number" this means that the One is also the element Fire as Parmenides taught, as Being. And so we know from quantum physics that light does not have a rest mass and so light as the one has a hidden relativistic mass that is from the future or from reverse time with negative infinity frequency! In quantum physics this is typically taught as time-frequency uncertainty but in fact it means again that there is a nonlocal noncommutative phase that creates light. This nonlocal noncommutative phase then was called Apeiron or the unlimited as the source of the number 2 as matter. So when light is turned around it creates matter due to relativistic mass, aka "light is heavy." Or we could also say All is One as relativistic light – and so the secret of All is Number

and Harmony is revealed. Harmonia is Apeiron that creates the One, through eternal motion as energy-information or formless awareness consciousness.

In fact the secret of Pythagorean alchemy was known in ancient Egypt since $2/3$ was the sacred fraction there, as well as in ancient Sumeria and ancient Dravidian culture and ancient Chinese culture – going back to the original human culture, the San Bushmen from at least 70,000 years ago! Just as Pythagoras means "snake-master" so too did the San Bushmen teach that N/om as snake energy is sacred and the ancient Greeks knew this was the reproductive life force energy that is ionized into the cerebrospinal fluid. For example ejaculation is mainly lecithin and lecithin is what myelinates the neurons so that more electromagnetic charge can be stored up in the body.

And so the One was also known as the Counter-Fire that exists in the Underworld and as the pan pipes blow this creates the One as the Fire and light of the Universe. So the Pan Pipes were the original Harmonia "breathing" that feeds the spirit light energy. Or in other words the secret, as Empedocles taught, is to visualize the fire underneath the water in the body – to reverse the Tetraktys based on the complementary opposites of the Perfect Fifth and Perfect Fourth – so that more Air or Aion energy (ionized Snake kundalini) energy is created, called Qi or Prana by the ancients in China and India.

And so China preserved the secrets of the alchemical training. The first note as the 1 was also based on 81 as the number of lunar months to align with 19 solar years and then this multiplied together gave the difference between the octave as the 1 with the $2/3$ and $3/2$ as the Perfect Fifth Yang as the Solar energy of the Year or also known as the Pythagorean Comma. In the lie of Philolaus this "comma" was converted to geometric magnitude as symmetric logarithmic math, thereby concealing the secret of the Lunar psychic kundalini energy that needed to be built up first, to access the true Solar energy that goes into the Harmonia as the One of the Pan Pipes of the Universe, the formless awareness that can only be listened to in silence.

And so in ancient India, the "three gunas" were also based on this same secret of circulating energy as 12 harmonic nodes based on the zodiac and seasons and hours of the day – and as the vertebrae akin to the frets of the Veena or Tambura. The "three gunas" were the Octave as sattva, Rajas as the Perfect Fifth and tamas as the Perfect Fourth. And so to tune to the formless awareness of the Universe as the secret Nada that creates the Shakti or Prana energy, means the "three gunas of no guna." And in China Yang is the Perfect Fifth, Yin is the Perfect Fourth

and the Octave is the Emptiness. And so there is a constant interweaving of complementary opposites to build up the 12 note scale (instead of the Western symmetric math whereby $9/8$ attempted to equalize the octave as geometric magnitude. Since there is no rational subdivision of $9/8$ then the whole tone has to be the square root of 2 to the 6th with the Tritone as the square root of two cubed.

And so again early Orthodox Pythagorean philosophy, just as with Daoist alchemy, only used the Octave, Perfect Fifth and Perfect Fourth to construct the notes of the scale and so the Perfect Fifth "plus" the Perfect Fourth does not equal the Octave!! We've been lied to. Instead the octave is constantly expanding and contracting and breathing with the yin and yang or fire and water elements to create more qi as Air or Aion which means eternal time that is also eternal motion.

In China this is known as the "small universe" meditation taught in the alchemy book Taoist Yoga: Alchemy and Immortality. Gurdjieff taught this meditation as the circulation of energy based on the Law of Three. The original human culture taught to visualize fire at the base of the spine using rhythmic breathing and trance dancing while the females sing all night. Similarly the followers of the Greek Goddess Meter, based on Cybele, the Great Mother of the ecstatic Phrygian incubation meditation of West Asia, also did singing all night.

And so once the lunar energy is built up then the pineal gland opens up as the Tai Chi which shines the light of the sun through the Moon which was called Soma, the Amrit fluid of the Bindu chakra at the back and top of the skull. Just as a baby's skull is soft, with the advanced practice the skull pulsates with qi or prana or Aion energy and opens up for the spirit biophoton coherent quantum energy that is holographic – to experience astral travel. The ancient Indians taught this as the Light that has OM within it. Buddha called it the Inner Ear method with wind or the air element that enables Formless Awareness. The Indians also called it Mouna Samadhi or Silence Samadhi. In Daoism it was known as the truth that cannot be spoken of.

And so math professor Luigi Borzacchini in his study of ancient Greek music theory, realized this was the "negative judgement paradox" as the "secret of the sect" that created the Alogon as irrational magnitude geometry from the wrong music theory. So Western civilization is now based on a "deep pre-established disharmony" that secret "guides the evolutive" principle of science. And so the Surd as irrational Magnitude literally means "unutterable." And then when the

Calculus was invented, this was based on d'Alembert devising differential equations from studying the vibrating string as infinite harmonics. But even though d'Alembert was against a static logarithmic ratio analysis of music harmonics, he did not realize that the secret of real music is from noncommutative phase as the paradox of negative judgement. This is also the secret of noncommutative phase creating quantum coherence as the 5th dimension that is time-like.

So Plato argued that twoness is prior to counting numbers and therefore there is an indeterminate Dyad that is symmetric and not a Cardinal order of time. But his argument was sophistry based on the lie that two eyes are an equivalent set and the same with two arms and two legs, etc. In nonwestern philosophy, from music theory, the truth was known that there is an inherent order to time that creates light – as the Aion energy or in India as Kali (the Goddess) creating Kala as time.

So for males the left hand is yang and the lower body is yin while the right hand is yin and the upper body is yang – contrary to the lie that Plato taught. Therefore just by knowing the secret of the truth of complementary opposites, the body is turned into a macroquantum harmonic resonator that creates alchemical or Neigong energy. Quantum physicist Eddie Oshins, working at Stanford Linear Accelerator Center, realized this truth of spin $\frac{1}{2}$ phonons as the secret of noncommutative macroquantum room temperature resonance energy. In other words Oshins also taught Wing Chun Neigong and so he realized, as a quantum physicist, that the movements were based on the same secret of noncommutative phase harmonics.

Quantum biology is now corroborating that Eddie Oshins was correct. I won't go into the details but I have done so on my blog, <http://ecoechoinvasives.blogspot.com> and also have a pdf free online as "Blue Light and Blues Music: Quantum biology, meditation and metaphysics." I also have a training free pdf called Idiot's Guide to Neigong, Neidan, Qigong, yoga for males.

Thank you for your time, if you read this book for free. I am just writing to defend the real Orthodox, early Pythagorean alchemy training, as Dr. Peter Kingsley has documented, it did indeed originate from the East, from Asian philosophy and this, in turn was also from African philosophy, as Dr. Victor Grauer documented based on music theory analysis. The San Bushmen sacred music harmonics of complementary opposites from the Octave as $1/2$ and Perfect Fifth as $3/2$ with

the complementary opposite harmonics – this spread around the world as the secret basis of the alchemical shamanic training. His book "Sounding the Depths" goes into examples. Another good source is a Ph.D. thesis on the 3:2 Pitch dynamic of West Africa and how the 3/2 syncopated phase matches the 3/2 frequency/time harmonics. The god Sin was the Lunar god of Sumeria based on the secret of Kundalini with the word God originating as a Divine Lyre shamanic player, using this alchemy secret, of harmonizing the elements with the body and mind, as Professor John Curtis Franklin has detailed. The Chinese harmonics of alchemy go back to at least 3,000 BCE and so India, China and Sumeria connect back to African culture. The original San Bushmen culture has a N/om snake kundalini statue that was dated to 70,000 years ago! Their culture requires ALL MALES to train in this sacred music alchemy of solar and lunar energy, and so their culture has no warfare, no rape, no homosexuality (they didn't even know what it was!) and no masturbation.

Every year the males go off for a month of alchemical fasting and trance dance training with no females around – called Tshoma. This became the sacred Gong in Daoist alchemy that is also found in West Africa as 100 days meditation in the sacred grove forest. This is why for kundalini training the Tree of Knowledge is the third eye while the Tree of Life is the small intestines (the 2nd brain) and the Snake is sacred Goddess Lunar energy that turns the reproductive energy into Aion or Qi or Prana as eternal time that is formless awareness.

Thank you again,

Drew Hempel, MA

Chapter Two: Microcosmic Orbit, Kriya Yoga and Pythagorean Tetraktys as Music Harmonics of ancient advanced global alchemy

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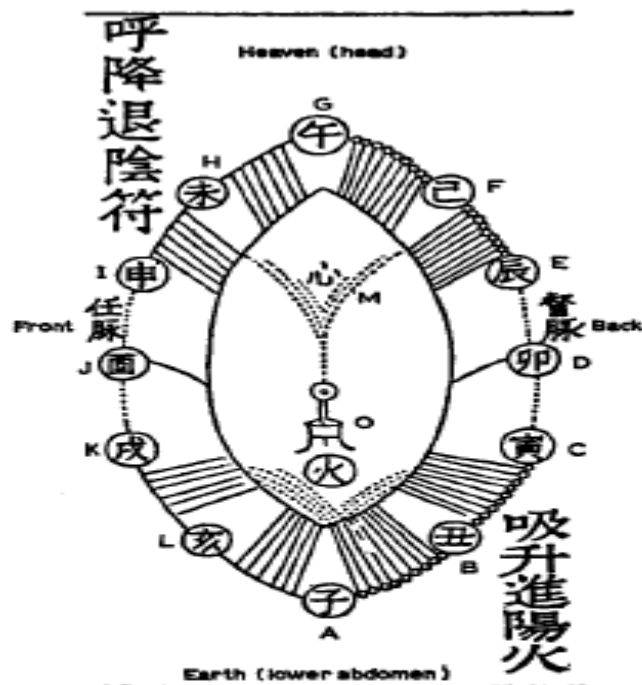


Figure 2 The microcosmic orbit and the channels of control and function A, G, D, J, are the four cardinal points of the microcosmic orbit A-B, A-C, A-E, A-F, are the four phases of ascent of positive fire in the channel of control G-H, G-I, G-K, G-A, are the four phases of descent of negative fire in the channel of function M Heart O Fire (in the stove)

The Microcosmic Orbit of *Taoist Yoga: Alchemy and Immortality* – 12 harmonic nodes with Emptiness as Octave, Yang as Perfect Fifth and Yin as Perfect Fourth -

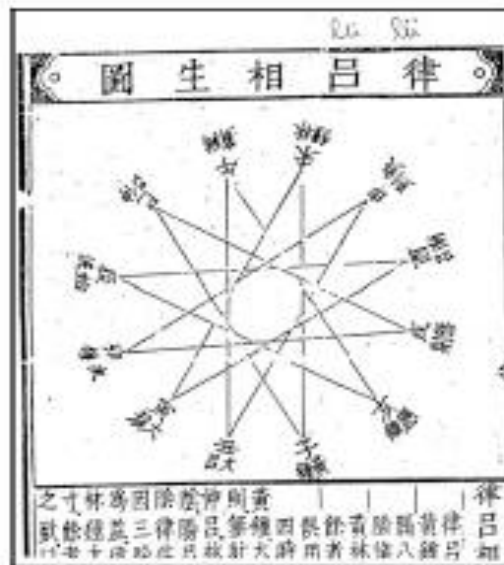


Fig. A2 Figure of the *lǚ* generated from one another
 [The 12 tips are given the names of the *lǚ* and the earthly branches shown in Table 3.1. The first note Huang zhong is at the bottom on the right]

And so then I recently discovered Italian math professor's book, [And Yet it is heard](#) a book on multicultural math of music.

And there it was - the 12 note music scale - based exactly on the SAME principles as the Small Universe or microcosmic Orbit of "small heavenly circuit" meditation. In other words - the qi cycles based on 2 hours, based on the seasons, the 12 earthly branches, the zodiac as well. But here's the kicker - the first note is the Moon energy based on the moon calendar and the difference between the Moon months (turned into years) and the Solar years - multiplied as the common denominator - is the same as the Pythagorean Comma!

Professor Toriotti did not translate the Moon months into years but just assumed they were years from the get go so when I calculated a Chinese astronomy book it did the calculation as based on moon months (81) - not 81 years. And suddenly up pops the Pythagorean Comma from the Pythagorean Alchemy!

And so now I realized the secret of why the small universe meditation has Om and Mua as the notes - when the Pythagorean spiral (as taught in Western harmonics)

is just a Perfect Fifth in one direction. the chinese, as with the true Early Pythagorean harmonics, construct the scale as complementary opposites of yin and yang - so that the "yin" is actually from the previous yang - and each time it is Perfect Fifth or Perfect Fourth interval. The same is true for Orthodox Early Pythagorean harmonics - they ONLY used the Perfect Fifth and Fourth to construct the octave scale. And just as with Daoist yoga - the actual alchemy secret of the harmonics is to put Fire into Earth to turn Water into Air!

So now I had confirmed that Plato not only lied about the actual Pythagorean harmonics (based on the lie of Philolaus) but Plato also lied about the alchemy - stating that Air is to Fire as Water is to Earth - as geometric irrational magnitude! I had done my intensive meditation training through the African Studies department based on the argument that Plato was against the real Natural Law of Pythagorean harmonics that actually were nonwestern harmonics - just as the book Racial Contract exposes the Natural Law eugenics racism. I knew that this eugenics racism was directly from music theory - the WRONG music theory. As Erno Lendvai exposed (and promoted) each citizen for democracy (defined as a fake 9/8 major 2nd) must "compromise" for the "good of the state" as irrational magnitude so that the Tyrant as 9/8 cubed would emerge as the Devil's Interval!

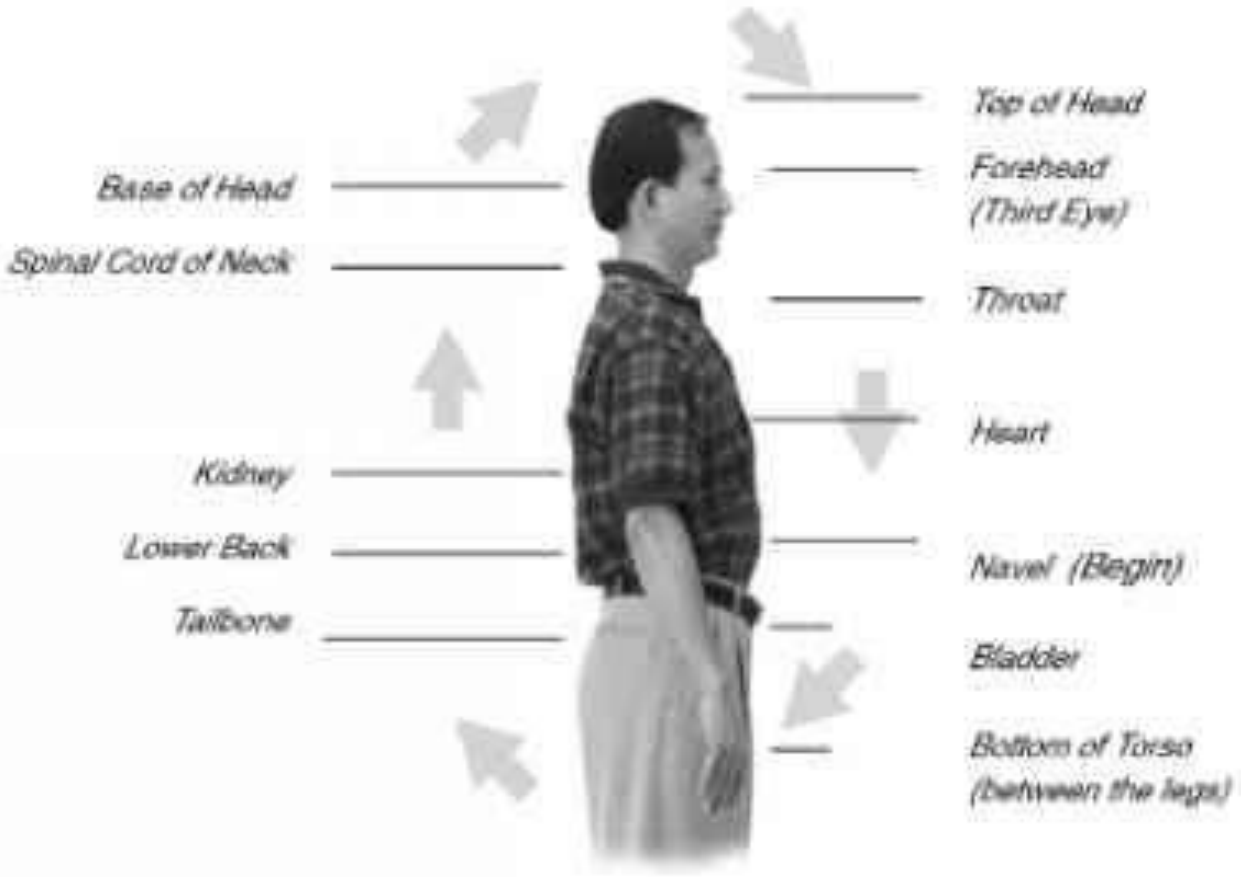


Qigong Student visits me in 2013 from my online rants - and asks me for a copy of the Small Universe C.D. so I give him the hour long meditation C.D. - after I made him camp in the forest overnight. haha.

And so I ordered another hour long "small universe" meditation c.d. as I realized - doing an hour full lotus small universe meditation gets some good reverse time tummo heat going, to burn bad karma. 2 hours of full lotus small universe meditation gets a nice fire going in the lower tan t'ien.

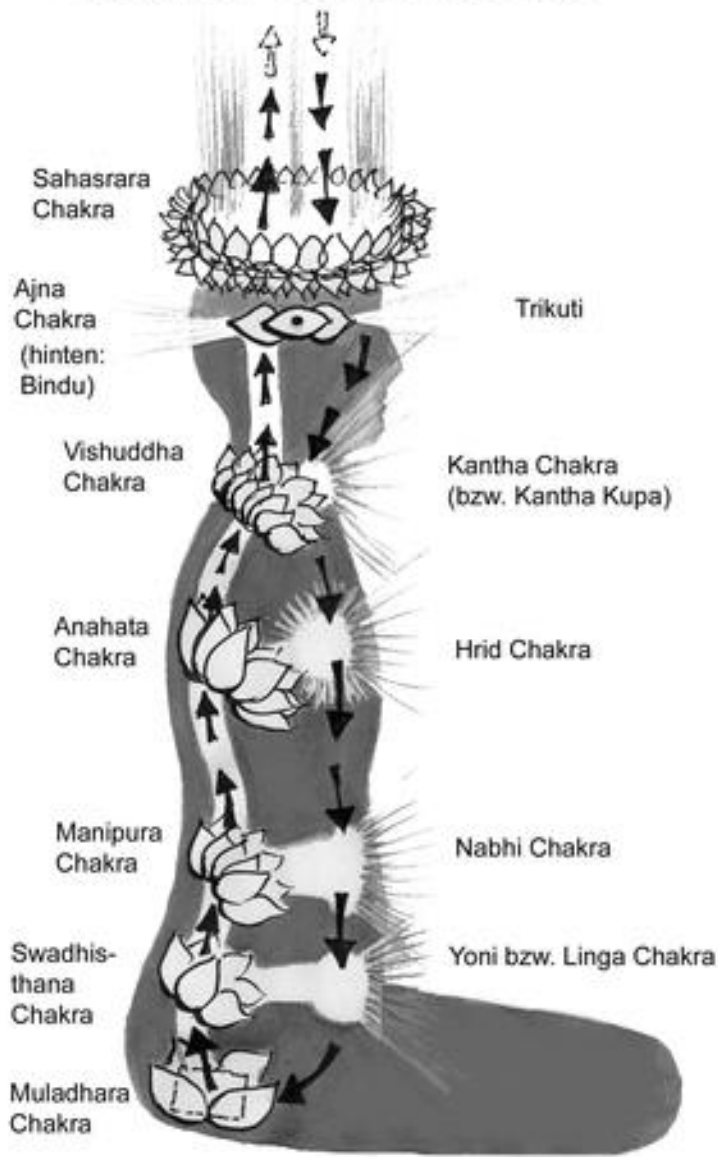


So you can see here - there are 12 nodes in the small universe meditation - the same as the *Taoist Yoga: Alchemy and Immortality* book.



So then amazingly Kriya Yoga has the SAME secret of the Small Universe meditation as based on music harmonics - and Kriya Yoga is claimed to be older than Hinduism - meaning before the now documented Brahmin Vedic "invasion." And so the below Kriya Yoga circulation of energy meditation is based on the "three gunas of no guna" - also from the Octave, Perfect Fifth and Perfect Fourth music harmonics!

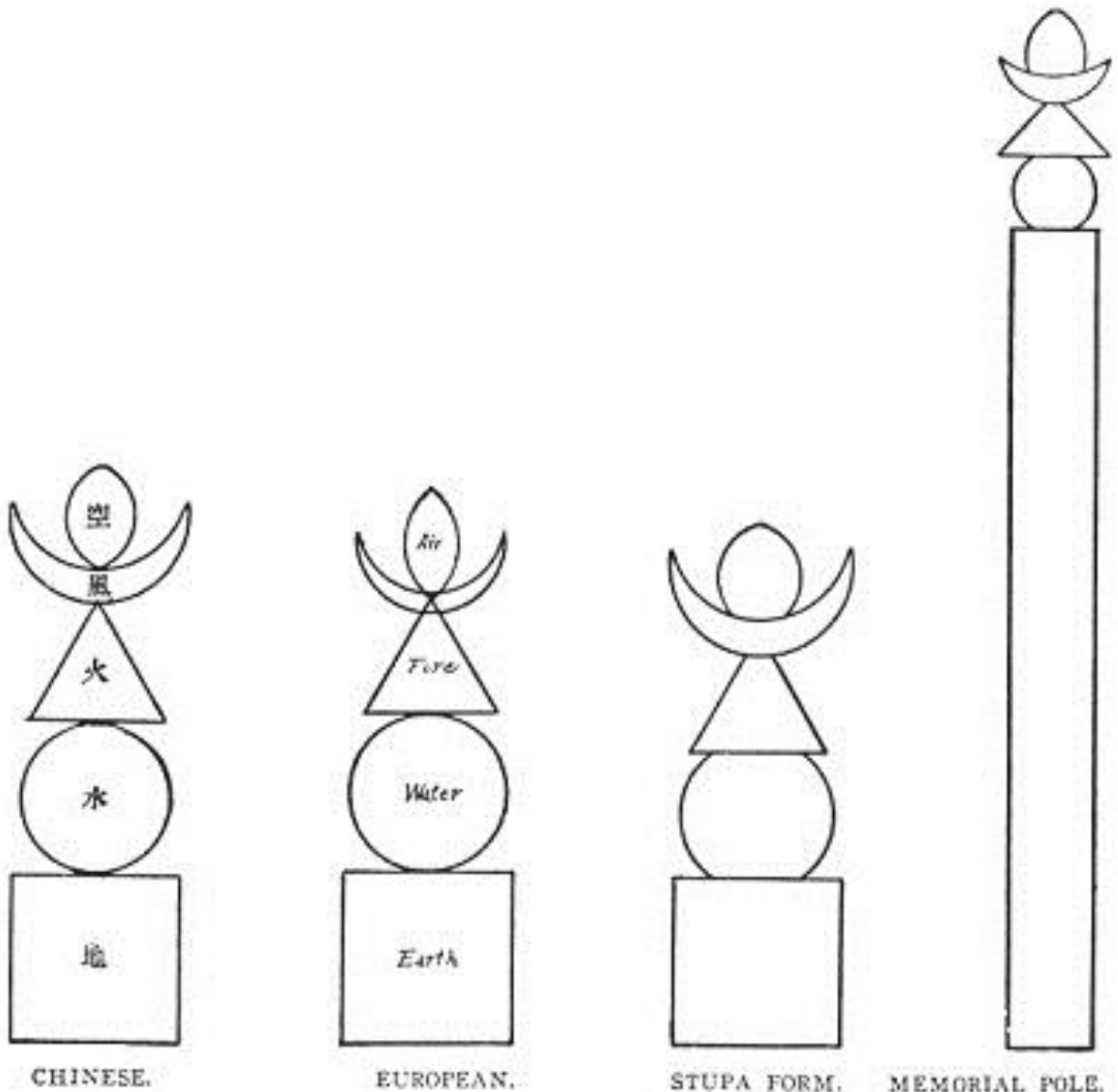
Chakras und Kshetras



And so we have the same secret - we have that the Lunar energy has to first be sublimated - we have the SAME secret of the Fire going into Earth as the translation of "Kundalini" (literally means Fire into the hole in the Earth" to create the Water turned into Steam as Air. It is exactly the same meditation! And so the Chinese music tuning as the infinite spiral of yin and yang has been considered as far back as the Yellow Emperor and in the graves we have the alchemical Dragon (crocodile) and tiger - going back to 5,000 BCE. And we have the SAME crocodile and tiger alchemy in India. I did a blog post on thedaobums documenting how the Dragon in China originated as the Crocodile. A lot of people didn't want to believe

it - but alchemically the crocodile means the same in India as well as it does in China!! So this is real corroboration.

We also have the SAME "golden tripod" - three leg secret of alchemy in China and in the Pythagorean alchemy training. And we can trace this to the Stupas being the same as well.



DIFFERENT REPRESENTATIONS OF THE ELEMENTS.

In Pythagorean Alchemy the Tetraktys means "creative fire" - and is the triangle as the harmonic ratios of Perfect Fifth/Fourth with the One as not being a

Number but rather consciousness as the fire. And so how is it creative? The trick is, as Philolaus revealed, to have $2/3$ as the subharmonic or C to F, to put the fire down into the Earth as the element of Fire is 8 so it is $8/12$ as Fire into Earth. And then to turn Water into Air is the time reversal of $9/6$ also as $3/2$. And so the secret of the music tuning reveals the secret of the alchemy!! This is the secret of the Perfect Fifth as the Single Perfect Yang of the Golden Tripod - to harmonize humans, earth and heaven - with the Perfect Fourth as the subharmonic of $4/3$ as a different root tonic (Earth) turned into Heaven by a time reversal into $8/6$ from 12 to 6 Octave.

The early Orthodox Pythagoreans just as with the Chinese - used pitch pan pipes - and so never had the "paradox" of a wavelength longer than the string - and so never needed to create geometric magnitude as irrational number to hide this physical untruth. Instead they knew that reality was NUMBER as frequency energy and time reversals, just as with quantum relativity. So this truth was not rediscovered until Louis de Broglie's Law of Phase Harmony whose protege Olivier Costa de Beauregard stated that precognition is explained by de Broglie Law of Phase Harmony. Precognition is definitely real and experienced by doing this alchemy training. haha.

And so we have archaeological evidence that the Great Mother worship of Time as Kala or Aion or Harmonia - the Cosmic Mother as Nuit - who can never be unveiled - goes back to at least 6,000 BCE - and the Lunar goddess worship was tied then to the "black stone" of magnetite of meteorites. So the Yuan Qi as the female formless awareness or reverse time "Yin matter" (virtual information field) is truly electromagnetic negentropic force.

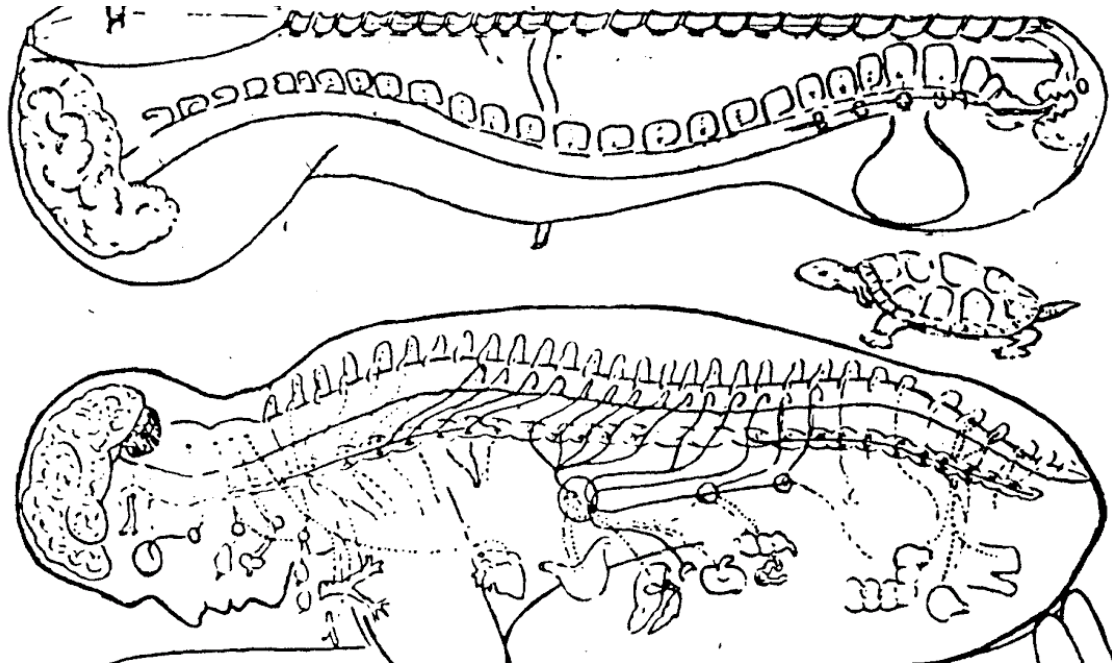
And so then we documented that the first Mother Goddess in these early farming cultures - spread from the Near East or West Asia - to China and India - also had the Cow as the Moon Goddess based on the music harmonics of $2/3$ as sacred in Egypt and the Veena as the spinal fret energy. Similarly in China the frets were based on the spine -

So Lui (呂) is the character meaning spinal column, hence, it is directly related to our subject. This character has one more interesting meaning 'frets' (of musical instruments) (1,5,6), the construction of which is similar with that of the spinal column. We should also mention that Chinese musical scale is also called Liu Liu (呂律),

and in India:

“The 24 frets of the (Veena) instrument are analogous to the 24 cartilages in the spinal cord. The number 24 also relates to the 24 syllables in the Vedic Gayatri mantra.”

Acoustic engineer and Vedic sound expert, Dr. M.G. Prasad., source of image:





Aion, the Cosmic Mother as the cerebrospinal Lunar Water ionized into third eye eternal reverse time force, from the 12 harmonic nodes of lunar months - as solar-lunar harmonics of Mithra and Phanes (Western Asia-Pythagorean)

The Orphic Cosmic-Egg Snake is, according to the amazing book *The Origins of European Thought: About the Body, the Mind, the Soul, the World, Time, and Fate* by Richard Buxton Onians, Cambridge University Press, 1951: pp. 118-122 - Pythagorean alchemy secrets of the consciousness conspirachi from 5th C. BCE!

"begotten by a wind...a breath-soul...harmony...drawn from the whole body...gathers in the spinal marrow...most of it flows from the head...a Pythagorean quoted, 'that the

seed....generative water of the marrow [aka cerebrospinal fluid].... that breathes through the reproductive organ.... is a drop of the brain containing in itself warm vapour....the union of the two serpents represent the life complete by the union of the male and female'.... (googlebook)

Mithras or Phanes (the Light) emerging from the Cosmic Egg and surrounded by a mandorla of the zodiac (corresponding to the twelve "altar fires" in the Pythagorean tarot) - secret of the Small Universe meditation from Ancient Pre-Socratic Pythagorean (Snake-master) blacksmith alchemy

And so the 12 fires were created from the 1:2:3:4 harmonics of the pitch pipe of Hermes in disagreement with Apollo via Orpheus.

So now we can see what happened - Apollo was based on Hermes using a Lyre along with Orpheus - while the Pitch Pipes of Pan were discarded as supposed wild frenzy of Dionysius - of the Underworld of real alchemy!!

And yet what did Anaximander teach? That the Cosmos is created by pitch pipes or flute holes and when the air blows across them the fire and light shines out.

So then the professor explains for the Chinese the first note was Harmony of Heaven and Earth but the 2nd note was based on decreasing the circumference of the pipe along with the length and so was the seasons of the Earth, so more complicated. The third note was then based on the I Ching as the energy of Man.

So the 2nd note as 6 of 9 was from 90 feet long with a circumference of 9 as 81 - the number of Lunar Months as the 1st note as Heaven. 6 was 2 as Earth x 15 (the solar month as 24 solar months in a year) which gives 12 months (or 12 harmonic notes) with Earth as the value of 2 solar months!! So 30 is the value of Earth and take 2 to get 60 as the length x 6 of the diameter to get 360 as the solar year!

Wow - so we just revealed the secret of how the Dragon of the Sun turns the Earth into Fire as alchemy based on the measurements of the pitch pan pipes!! No wonder 2/3 ratio was sacred in Egypt, as the secret of alchemy.

And so the Original Meaning of Holy Spirit is Harmonia as noncommutative Phase or F (8/12) = G (9/6) at the SAME TIME (fire into Earth as Water into Air) to create the Ether as the Sacred Cosmic Mother (the Earth as Yuan Qi or Perfect Yin or White Tiger). The Pythagorean Philolaus (fr. 10) says, "Harmonia comes to be in all respects out of opposites: for Harmonia is a unification of things mutually mixed, and an agreement of things that disagree."

Musical Tetractys	Fixed Note	Element	Humor	Quality	Season	Moon Phase
6	e Nêê	Fire	Yellow Bile (Choler.)	Warm	Summer	to Full
8	b Paramesê	Air	Blood (Sang.)	Moist	Spring	to 1st Q
9	a Mesê	Water	Phlegm (Phleg.)	Cool	Winter	to New
12	E Hypatê	Earth	Black Bile (Melan.)	Dry	Autumn	to 3rd Q

Fire into Earth is the subharmonic as 2/3 or 8/12 with a time reversal of Water into Air as 9/6 or 3/2 - noncommutative phase secret of alchemy

Plato reversed these around based on his promotion of the wrong music harmonics of irrational magnitude from Archytas and Philolaus – the Lie of the Lyre that covered up real alchemy. To quote Plato's Timaeus:

"solid bodies are always compacted not by one mean but by two, God placed water and air in the mean between fire and earth and made them the same proportion so far as was possible (as fire is to air, so is water to earth); and thus he bound and put together a visible and tangible heaven."

So that means 6 is to 8 as 9 is to 12. Seems good right? But I have just shown that for that ratio to be "bound" as geometric magnitude it means that 6 to 8 is 3/4 as 0 to 12 while 9/12 is 3/4 as 12 to 0

And so the secret of the complementary opposites alchemy is that as the Bellow expands (the lungs) while breathing in - the energy goes up the spine but on Exhale the energy goes down the front of the spine - each case has the external bellows (lungs) and internal alchemical fire driving into the Earth with Water turning into Air - both working at the same time as noncommutative phase nonlocality.

The highest of all fires is called Jnana Fire, Knowledge, Fire of Knowledge. All fires are petty in front of that: Jnana, Knowledge. Offer your thoughts to the Fire of Knowledge. Swami Rama

Sanskrit is considered the language of the Gods and views the body as a musical instrument derived from the Om., in which the voice is its note.

"NAGA: The eternal yogi" documentary on tapasya - inner fire yoga in Rajasthan.

As the Pythagoreans (Nagas or Snake-masters) teach the same:

the One (light as spirit) arises from the Absolute Void (Central Ether Fire that can not be seen) as eternal time that feeds on the light by breathing.

And so this is the secret OM source of Light - when we LISTEN with the eyes closed - then after meditation the light shines out of our eyes - POWERED by the reverse time. The Unstruck Sound feeds off the light as external entropy time and turns the time around as New Creation - free OM energy of the Octave, Perfect Fifth, Perfect Fourth noncommutative phase or "three gunas of no guna" as the Spanda or Nada source of reality.

The Void of Parmenides as Apeiron is the Siren that creates the energy of the Stars as the Hearth or Air that Feeds off the Light of the Universe

Siren originally meant Bird song - as natural ultrasound harmonics. So just as the highest pitch heard externally is the gateway into the OM as the subharmonic ELF of the vagus nerve to the right side of the heart - the ultrasound resonates the brain as quantum nonlocal reverse time phonon energy.

Alcmaeon, a 5th Century BCE Pythagorean physician said the soul is in continual motion like the heavens as immortal light and this circular motion of energy creates health as isonomia.

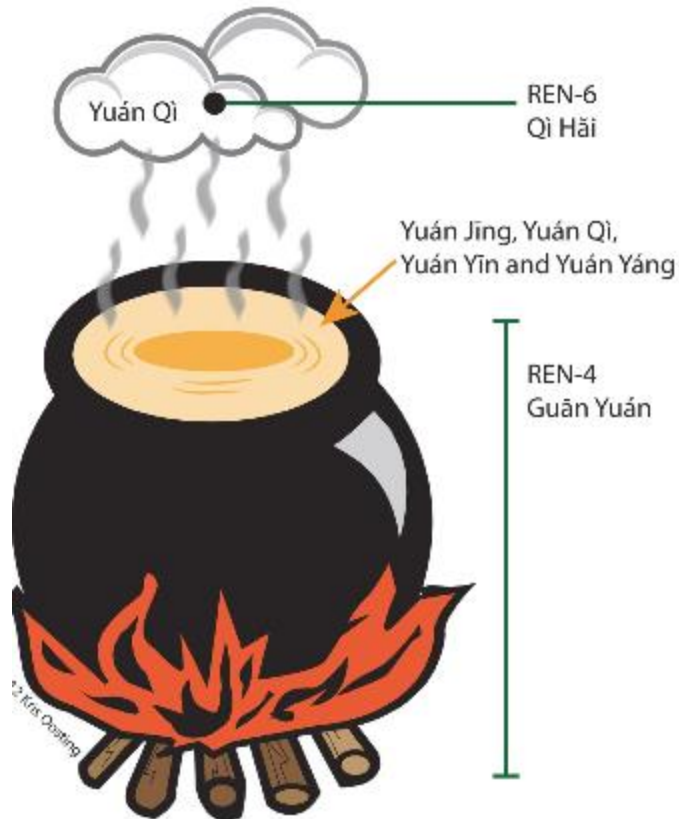
So it is now official - the ancient Pythagoreans practiced "circulation of energy" based on the 12 harmonic nodes of the Zodiac - just as the Daoists did and in India - and this was also taught in Egypt.

And so just as the Egyptians liked to be buried with literal Gold to increase their solar spirit alchemical energy - for the Daoist alchemists - the bones become the Earth Gold for the Yang Sheng body to emerge as the golden immortal.

And so at first the metal of the Lungs (white tiger) is transformed - the bellows of alchemy turns the metal from lungs into lead into mercury and then gold.

And so in Africa this same blacksmith alchemy is found - just as Pythagoras listened to the black smiths to discover his alchemy secret. In Africa the blacksmith alchemy is based on the reptilian crocodile and snake Python power (dragon). And so this goes back to the original human culture teaching the N/om secret from 70,000 years ago - to visualize Fire at the base of the spine - is to turn the Dragon of the heart into alchemical dragon fire in the Earth, creating the Sacrum Sacred Ecstasy of turning Water into Air.

And this teaching was originally based on music, as Dr. Victor Grauer details in his Sounding the Depths book - the San Bushmen original human spiritual alchemy training spread around the world via the same music harmonic secrets.



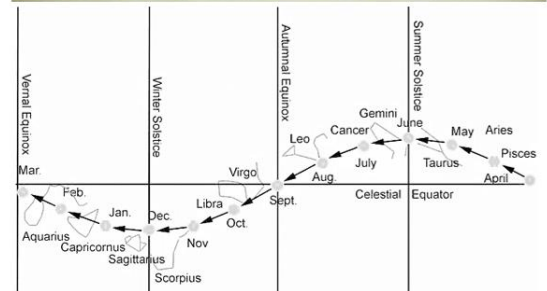
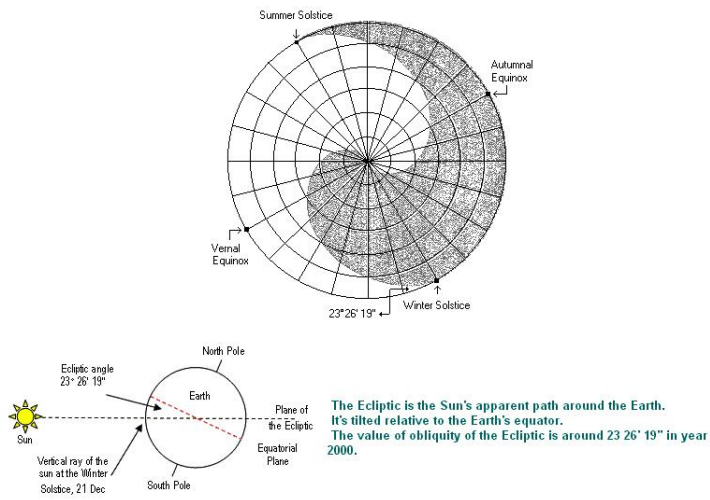
And so the small intestines is where the N/om is stored, just as with the Lower Tan T'ien - the "2nd brain" has more neurons than the heart! This is the real secret of alchemy.

The Counter-Fire of Pythagorean Alchemy as Hades is the Void of the Lower Tan T'ien (the literal holographic hell on Earth) as Air (the secret White Tiger Yuan Qi or Yang within the Yin) that feeds the light because the 1 as the Light has to be put into the Void in the Earth. This means you focus or visualize your mind as fire spirit under the water element (3) into the Earth to create more Air as Aion

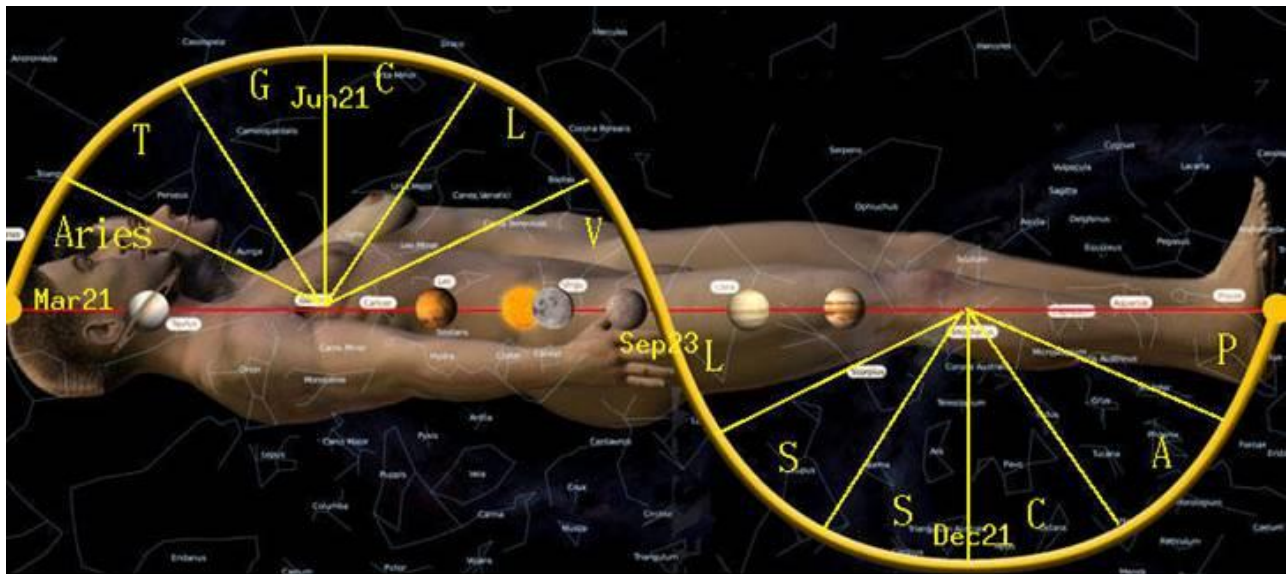
kundalini energy or ionized neurohormones.

The deep reverse breathing of the lungs physically activates the adrenal glands to double the adrenaline levels. Fire of the eyes going out via the heart has to be retracted to the wood as liver and water of the kidneys reproduction has to be retracted back into the lungs as metal (hence the 5 elements secret of Daoist alchemy is the noncommutative phase of Dragon and Tiger copulation - the yang left hand of the white tiger resonating the yin lower body of water (dragon crocodile) while the yin right hand of the fire dragon (resonates the yang upper body of the lungs (the white tiger or metal). You get complementary opposites at the same time as nonlocal entanglement - as the yang within yin and yin within yang rotate in opposite time directions of the small universe - so that yang approaches yin from above or yang approaches yin from below and vice versa - just as with the Music scale - the yin and yang switches position, in the middle of the scale - so too does the yin and yang switch positions at the heart.

And so just as the Small Universe is based on music theory - the 12 nodes of the lunar months have yin within yang at the Solstices and Balanced at the Equinox - and this is found in Egypt as well.



And so the yang and yin reverses as the "moving of yin and yang" exercise - with the 11 to 1 pm as yin within the yang and 11 pm to 1 am as yang within the yin.



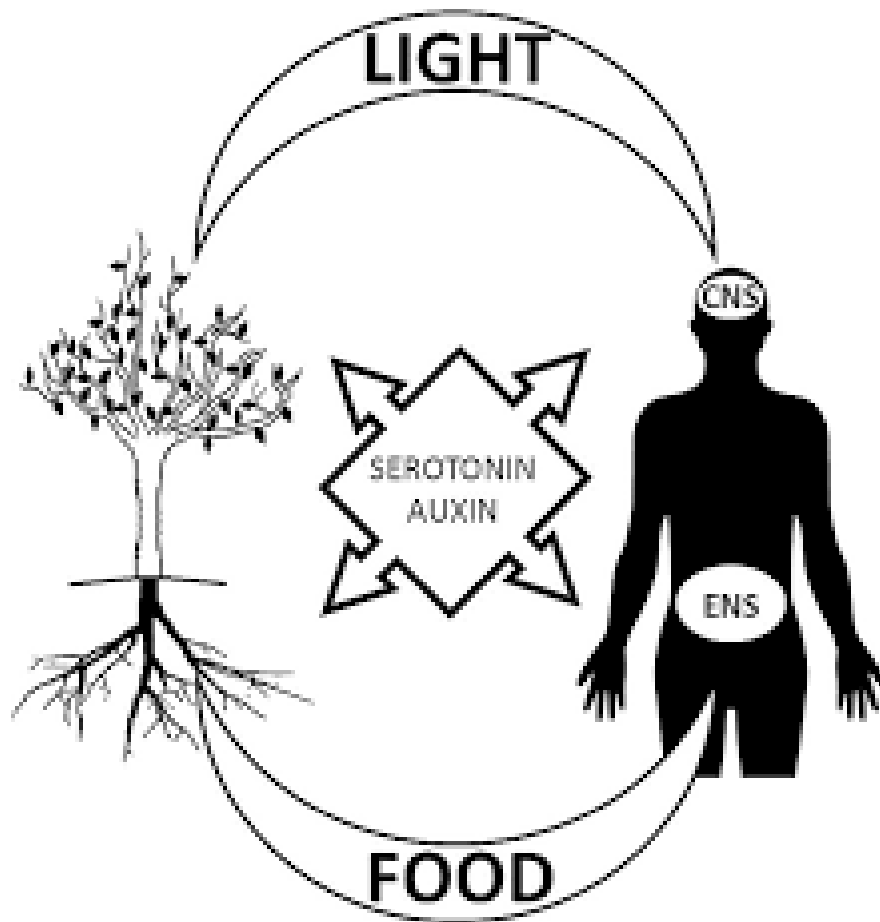
So with the legs - for male - the left leg is yang and so should be "on top" to embrace the yin of the lower body - thereby storing up the energy - as this opens up the liver qi more as the yang jing (green dragon) of the upper body - the ether power of the yin shen.

And we can go on with the Eyes as well - the right eye is the Moon as the Po Soul or yin qi lung energy of the body that builds up into the Yuan Qi as the Cosmic Mother or Shakti Force of the Solar Shen - the left eye is the Hun Soul - the yin shen powered by the liver - that builds up into the Yuan Shen as the Sun.

<https://www.pdf-archive.com/2017/04/10/idiot-s-guide-to-taoist-alchemy/>

for more details on the training. To get the small universe meditation c.d. or "moving of yin and yang" c.d. see <http://springforestqigong.com>

I almost forgot the "advanced" alchemy:



So again you visualize light which has the GREEN power of ether Fire of the Universe (the Mother Earth as biophoton cosmic energy) that charges up the secret Air power in the Water - so that the 2nd brain (more neurons than the heart) then opens up the third eye. This is why the legs of the body are the "branches" of the tree - in full lotus - the roots of the tree are the brain. It is the Upside Tree as the Cosmic inversion of alchemy - just as in Permaculture.

[The gastrointestinal-brain axis in humans as an evolutionary advance of the root-leaf axis in plants: A hypothesis linking quantum effects of light on serotonin and auxin Article type: Brief Report Authors: Tonello, Lucioa; * | Gashi, Bekimb | Scuotto, Alessandroa | Cappello, Glendaa | Cocchi, Massimoa | Gabrielli, Fabioa | Tuszynski, Jack A.c Affiliations: \[a\] LUDES Foundation, Smart City, Kalkara, 1001, Malta | \[b\] Department of Biology, University of Prishtina](#)

["Hasan Prishtina", Prishtina, 10000, Kosovo | \[c\] Department of Physics, University of Alberta, Edmonton, Alberta, T6G 2J1, Canada](#)

Source of the image - free educational fair use -

Human body is also called veena, a musical instrument as it produces musical notes through vocal cords. The stringed and wind blown instruments naturally produce pleasant notes so they get upper hand in musical instruments. Chitra veena has seven strings and is played by fingers. Vipanchi has nine strings and is played by kona (plectrum). These veenas can be seen in early sculptures of Sanchi, Barhat, Amaravati, Nagarjunkonda etc. In Buddhist literature, there is a mention of a seven stringed veena. It describes there that Buddha broke the seven strings one by one and still the notes continued. It shows that the influence of music lasted even after the actual music stopped.

Meditate on Brahma as made of light - a light consisting of OM, that is the luminous Jnana. When the kundalini joins the SELF she exits through the sockets of the eyes. This subtle jnana is to be kept secret. Dr. James Mallinson

The Inner Ear or "sound-current" method of the Buddha is the "Mouna Samadhi" - highest level of Samadhi of logical inference of Jnana (fire Ether Kundalini Jnana Yoga).

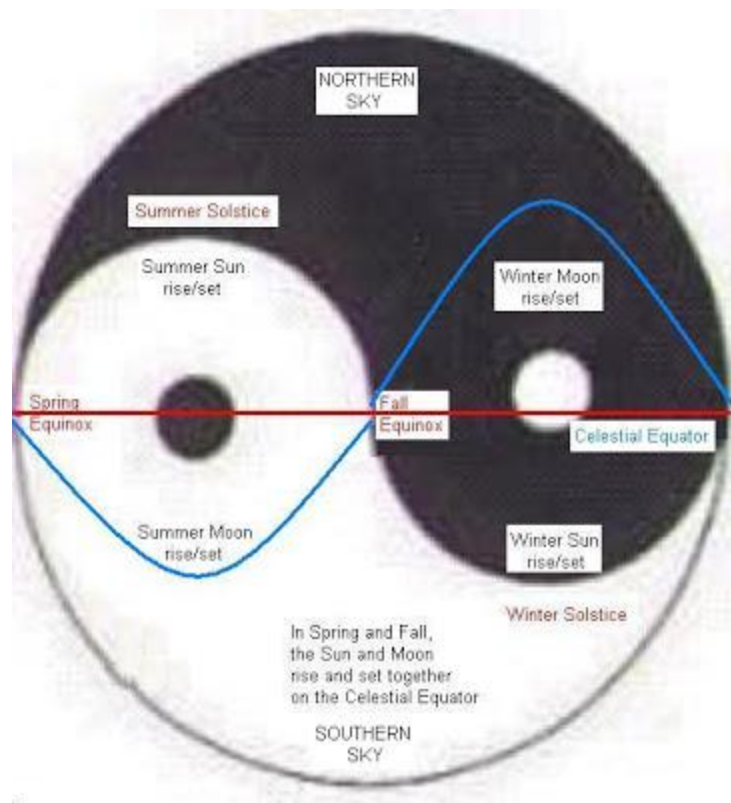
"The process of creation depends on Nada and Bindu from the union of which Siva and Shakti appear....Only Nada, manifested by the gross (and inaudible) varnas is the denote of meaning. ...primal unvoiced sound (Nada), in almost gross sound (Bindu)....hence the Nada becomes the power of Sakti....sound both as Siva and Sakti....Dualism comes under the literature created after the pluralistic amalgamation of Saivagamas, is not in the earlier Tamil works."

International Journal of Science and Research Publicatons, Volume 2, Issue 5, May 2012, ["The Concept of Nada and Bindu in Tirumantiram" pdf](#)

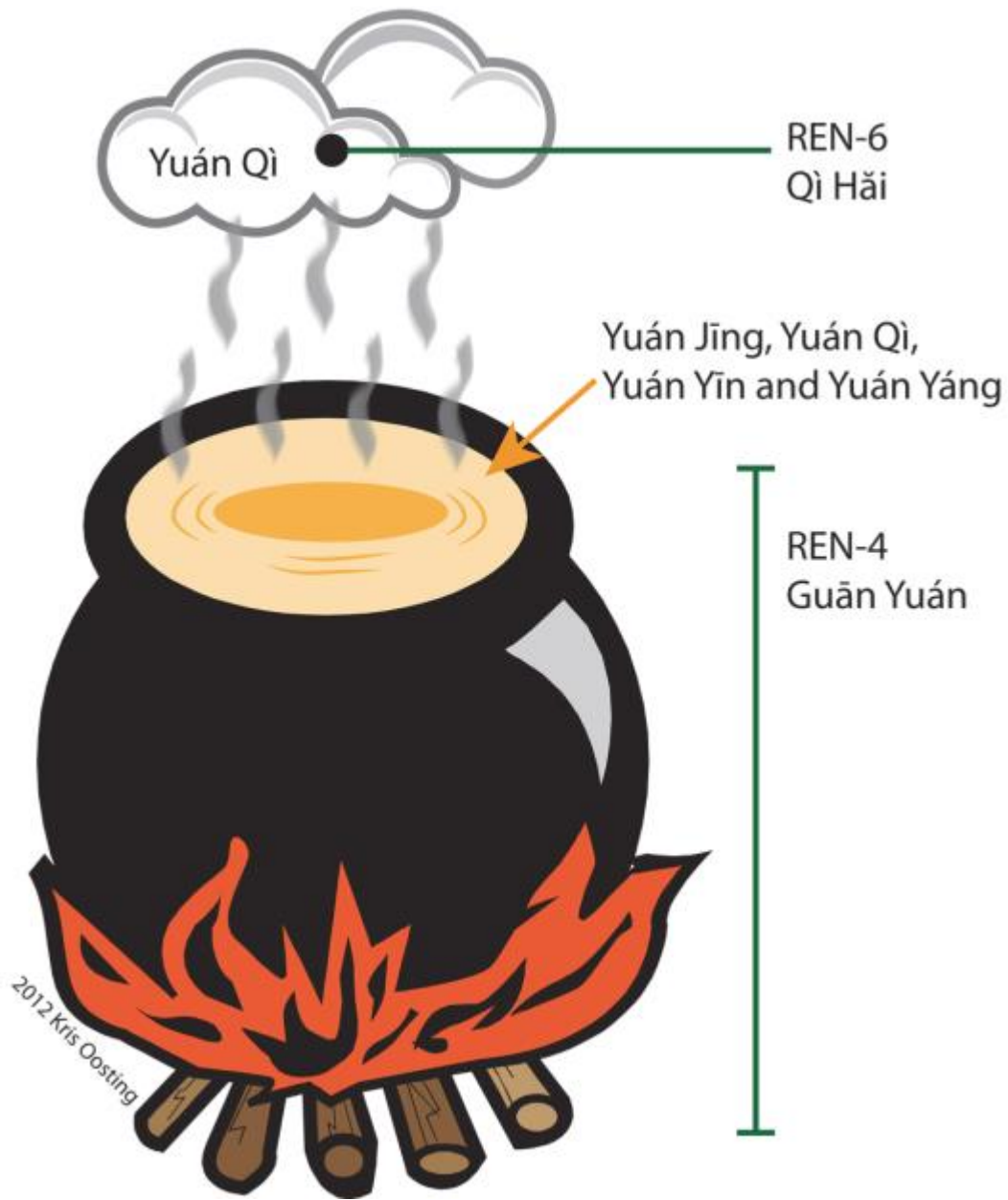
Nirmala V., Dept. of Sanskrit Sahitya, Research Scholar, Sree Sankaracharya University of Sanskrit, Kalady, Kerala, India

This is what Gurdjieff called the Circulation of Energy meditation based on the Law of Three from the Pythagorean Logos.

Chapter Three: The Idiot's Guide to Taoist Alchemy Qigong, Enlightenment, Neidan, Nei Kung, Neigong training for males



Tuesday, July 26, 2016



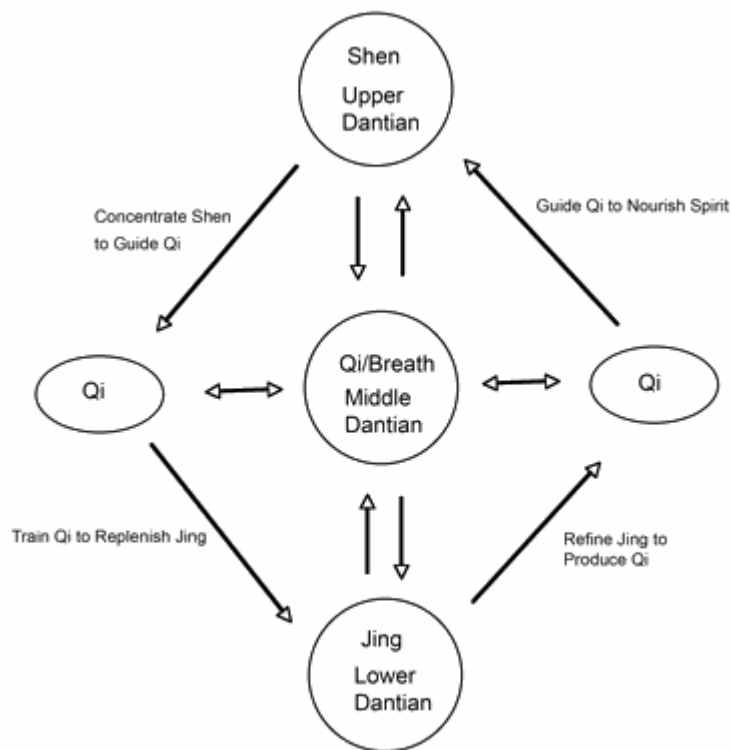
The Idiot's Guide to Taoist Alchemy Qigong Neidan training for males

Now we know from history that the training has been done by rote, the explanations mired in alchemical secrecy, and then if someone does achieve the rare status of qigong master it's only because they've been able to store up their energy sufficiently. In which case for real qigong masters they then need to protect their energy, dole it out carefully, build up a base of students, etc. It's obviously

not easy

especially considering this shamanic training goes against the grain of the modern world.

“Your language-focused mind is an idiot; only spirit has wisdom. No matter how much book knowledge or street smarts you have, it won’t help with spiritual affairs. Spiritual wisdom is only voiced by spirit. You may be its instrument, but you don’t know jack squat. Get over yourself and allow spirit to take over. **Easier said than done.** And it’s never done.” Dr. Bradford Keeney



Interrelationship of Jing Qi and Shen

So then the basic principle of enlightenment training is to visualize, with the eyes closed, spirit-light or shen, beneath the life force or jing energy (see the first image above). **Spirit or shen turns generative force (jing) into yuan qi.** “Since it is the undivided yin-yang it is called the One vitality.” p. 122,

Taoist Yoga: Alchemy and Immortality

. As the

Tao Te Ching

states

on alchemy (works link):

,

“empty the mind and fill the belly” which are reminiscent of later Daoist inner alchemy breathing practices meant to tonify the energy center in the lower abdomen. Chapter 40’s passage “the movement of Dao is reversal”

Dao Micro-Cosmic Circulation

道家小周天



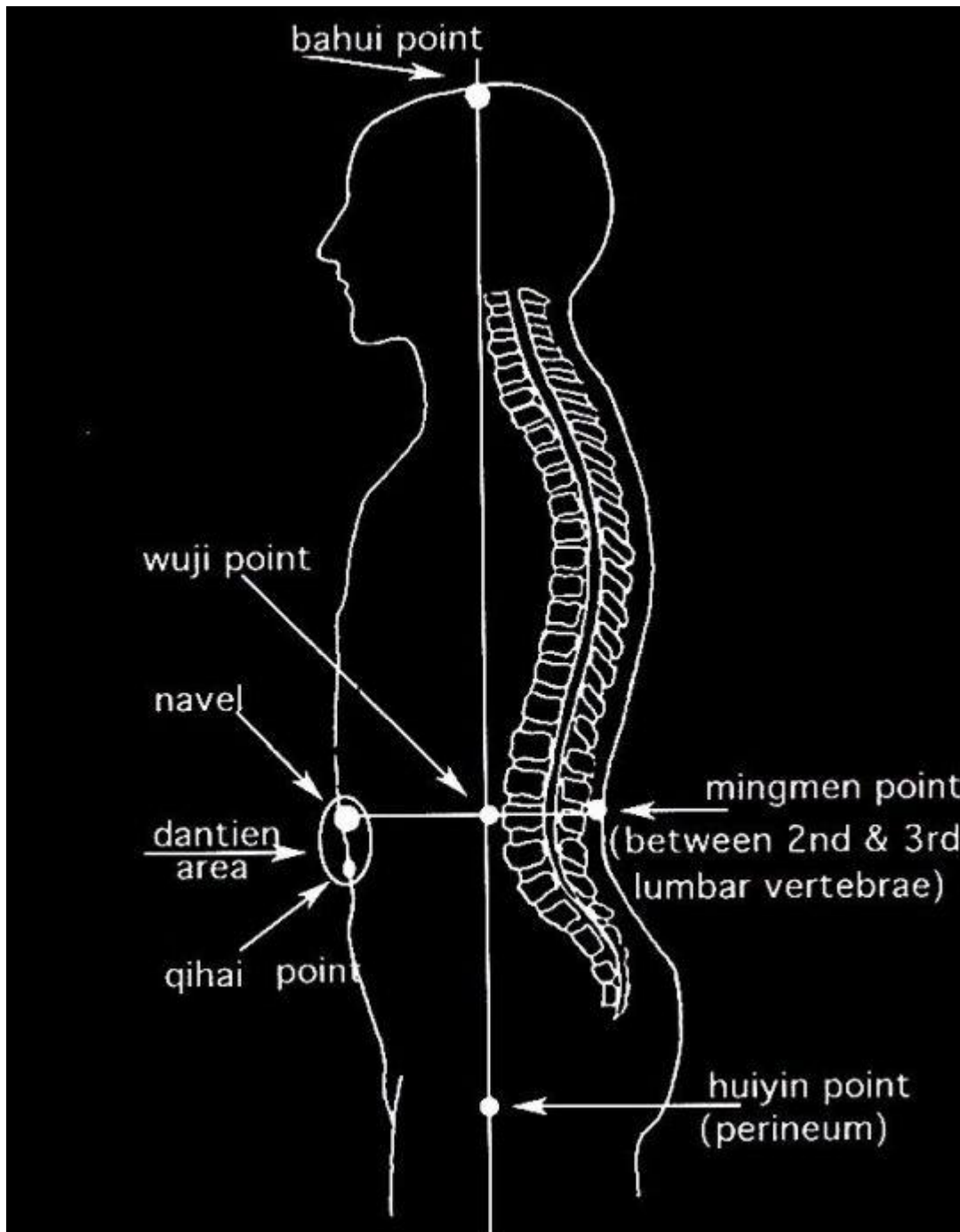
Figure 8

Illustration by Thomas Chan

Once the Yin Qi is built up then the real lower dantian also opens the third eye Alchemically this means we visualize and focus our fire or spirit qi underneath our water or life force qi, in order to bring out the qi hidden within spirit and life force.

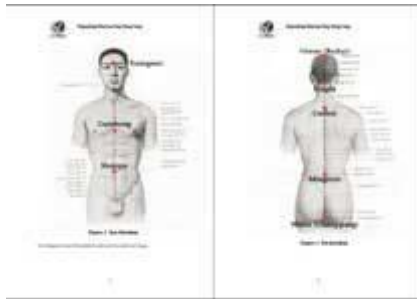
Professor William Clarke Hudson II, University of Virginia provides the Neidan alchemy commentaries on the Tao Te Ching:

The alchemical bellows as the harmony of heaven and earth is based on the **heart as the furnace** of spirit-fire with the kidneys as the cauldron of life force water. So it is a combination of the bellows as the lungs, using the deep breathing, and proper intention to then both raise the water and lower the fire to activate the alchemical process. **So only by closing the eyes will the furnace fire of the heart stop going out of the eyes as spirit and then by visualized below the water of the life force hormones.** Above the navel, deep in the body, is the “zhonggong” and below the navel is the lower tan tien or lower dantian. So then straight behind the navel is considered the “wuji point” of the body:



Taoist Yoga: Alchemy and Immortality

: “nature and life [spirit and vitality or shen and qi] change place during the shutting and opening process [of the bellows].” So life (yuan qi) goes above nature (yuan shen) on the in breath - the shutting of the bellows - and nature (yuan shen) goes below life (yuan qi) on the out breath - the opening of the bellows.

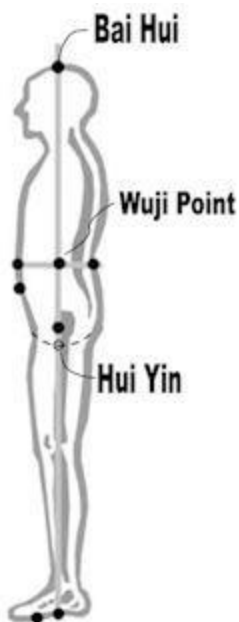


In 2002, Grandmaster Lu Zijian recognized Zhang Yuanming as his lineage successor, 17th generation in the Dragon Gate Taoist Alchemy line.

Taoist Yoga: Alchemy and Immortality

: “Prenatal vitality [yuan qi] is produced and stored up by this process while the heart and lower abdomen mingle.”

As we can see from this youtube video, the alchemical Small Universe focused at the navel.



The symbol as the back image for this blog is the oldest symbol of Wuji or Wu Chi, and originally it was with the Chinese characters for alchemical fire and water (but contrary to the below quote claims - the red/black color was not added till the Ming Dynasty. (

The Genesis of an Icon: The “Taiji” Diagram’s Early History

by François Louis, 2003

pdf link

)

This older symbol is attributed to the Buddhist scholar, Zong Mi, of the Tang dynasty, who used the symbol to denote a balanced consciousness in which “the true and the false” are blended (Louis, p. 177)... Furthermore, since this diagram was a product of the Tang dynasty, the Daoist ideas of *nèi dān* (内丹) or inner alchemy, were already established (Robinet & Wissing, 1990).



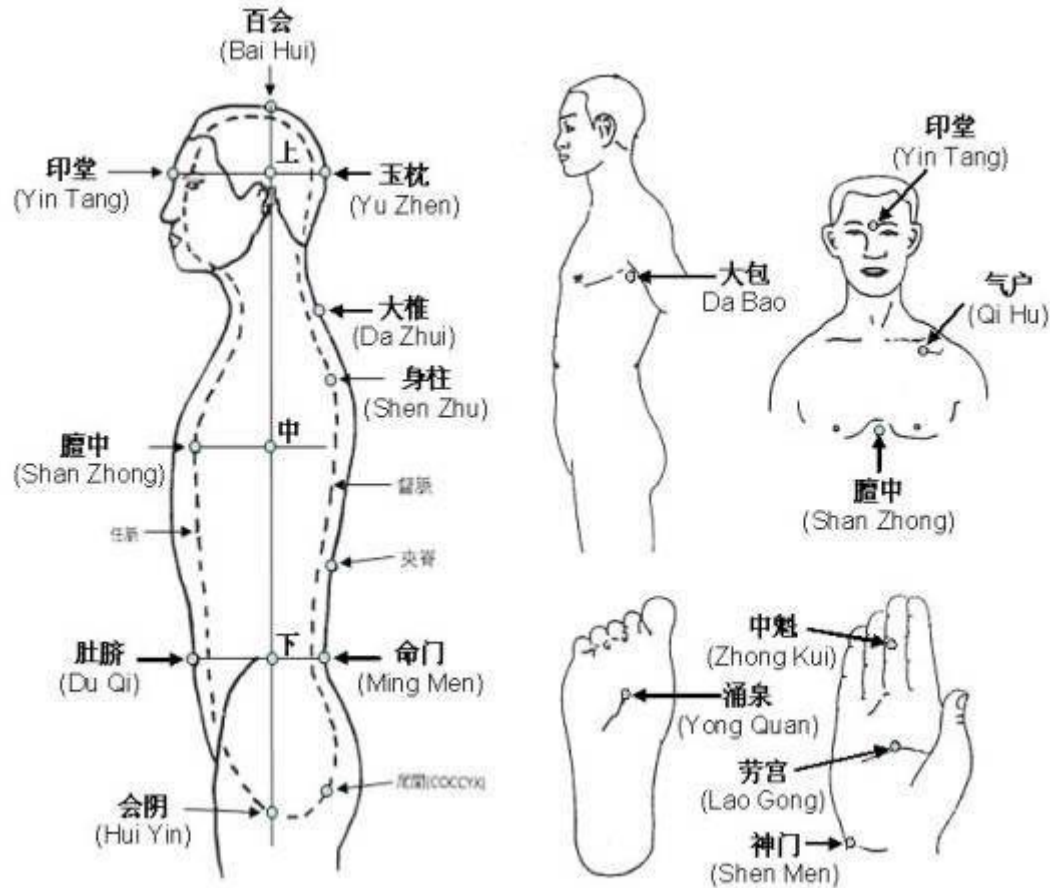
Tang Dynasty - oldest image of Tai Chi was originally red and black: means “fire under water” to create qi

As Professor Hudson points out, this alchemical aperture or bellows, is then this fire below water, as the Valley of the Spirit that alchemically creates the yuan qi.

For example

:

There are three main types of human energy. The first type: *xian tian qi* (*pre-natal energy*), also known as *yuan qi* (*original qi*) is derived from *ching* (*primordial essence*) which is yin by nature.



Alchemical Wuji point behind the navel

So the original qi is discovered alchemically, the qi of the universe, by putting fire underneath water to create steam or as it's called in medical qigong: Prenatal Wu Jing Shen.

This is called to “revert the yin to restore the yang” as alchemy training.

But the important thing to realize is that the Wuji or Wu Chi is always already a 3 in 1 harmony of the shen below the jing, as “undivided yin-yang” or Yuan Qi.

An 1871 Missionary book to China records this origin:

“When Chaos was **undivided, the Yin-yang** Air was chaotic and dark; and ... Hence motion and rest have no end, and the Yin-yang have’ no beginning,”

Now that is actually the Yuan Qi, the “undivided yin-yang” as the “one vitality”: the primal qi” (li yuanqi 理元氣), since they are themselves *formless*.



Dragon Gate Taoist alchemy full lotus lineage: Zhang, Yuanming, and Wang Liping

The basic circle of the Wu Chi

was introduced later during the Song Dynasty in the 12th Century A.D. by Zhou Dunyi ([pdf link](#)).

The

Tao Te Ching

states, “Indeterminate yet the Great Ultimate” and as that link explains the true meaning (lost by many) is that: “

wuji

is

Taiji

and

Taiji

is also

wuji

.” (Italics in original). The (139 BCE)

Huainanzi

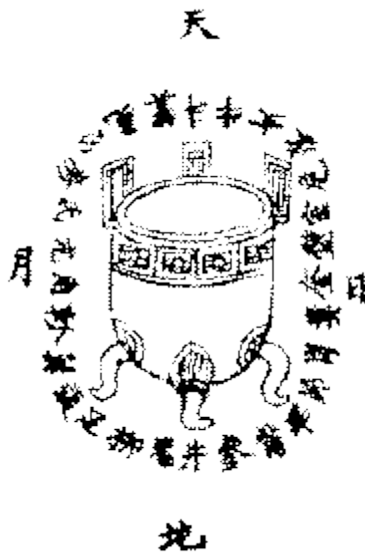
, states:

A boundary [divided] the original *qi*. That which was pure and bright spread out to form Heaven; that which was heavy and turbid congealed to form Earth.

We can see then that by meditating with the eyes closed with the shen spirit Heaven below the jing Earth we return back to the Yuan Qi and this alchemical process is the secret of eternal creation.

The oldest Chinese character for qi is from the Zhou Dynasty - from 1000 BCE - as a Yiquan teacher states

: The character is Taoist alchemy:



The Bronze Age Triple Cauldron was used for alchemy - fire under water to create qi energy

The first one [character for qi] is made of the steam element (气) with, below, the fire (火). We can find it in the Zhou inscriptions on the vital breath circulation, published and studied by Guo moruo..... fire is placed under the water" (the *Zhou* graph of *Qi* : *fire under steam* !)

Meditating with eyes closed then stores up the **“green dragon”** liver qi (see final section of this article). Fire qi or spirit qi originates from the liver but goes out of the eyes via the heart. The Dragon and Tiger in alchemy have been documented back to

433 BCE (googlebook Taoism and the Arts of China) but goes back much earlier:



Alchemical Dragon/Tiger yin/yang spirit-qi energy from 5000 BCE tomb in China
our vision accounts for **two-thirds of the electrical activity of the brain** — a full **2 billion of the 3 billion firings per second** — which was the finding of neuroanatomist R.S. Fixot in a paper published in 1957.

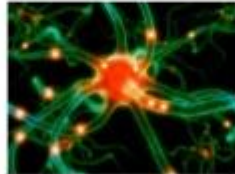
It's now proven by science that our eyes emit coherent biophotons and internally our body communicates via coherent laser biophoton light.

When we close our eyes and visualize light then that light resonates with the quantum vacuum to create Yuan Qi energy.

a recent study found that when subjects actively imagined light in a very dark environment *their intention* produced significant increases in ultraweak photo emissions.[7]

Evidence for quantum coherence

- Engel 2007: Quantum Beating: direct evidence of quantum coherence
- Lee 2007: “correlated protein environments preserve electronic coherence in photosynthetic complexes and allow the excitation to move coherently in space”
- Sarovar 2009: “a small amount of long-range and multipartite entanglement exists even at physiological temperatures.”
- What does this mean for other biological systems?



Dr. Jack Tuszynski on quantum biophoton medicine

So spirit light is laser-fire (coherent quantum biophotons) that goes under the water (jing or life force or neurohormones) to create steam as Yuan qi as “shen-jing.” The means that energy is stored non-locally so the “real” lower tan tien is actually not a physical location once the third eye opens up. It is the quantum nonlocal information or a “virtual information” energy field as qigong master Yan Xin calls the yuan qi that he uses for healing. To

quote Tai Chi master Wong, Kiew Kit

:

Yan Xin Chi Kung, also based on the ancient Cosmos Chi Kung and developed by the great Grandmaster Yan Xin, often focuses at the navel.

The student of Yan Xin, who also trained at Shaolin as a qigong alchemy master

, makes this same point of the

“real” lower tan tien

, as

behind the navel

. He says when **he goes into the Emptiness he always sees light in his lower tan tien.**

The Lower Dantian sits behind the navel, almost in the middle of the torso (this varies depending on the size of the body);

Superficial Micro-Cosmic Circulation

氣功任督二脈

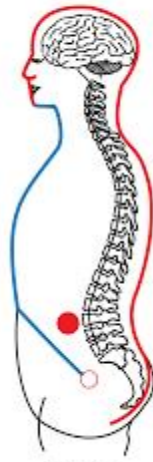


Figure 7

Illustration by Thomas Chan

Building up the Yin Qi relies on the False Lower Tan tien

This is actually a spacetime vortex non-local holographic connection. This is called the quantum relativistic mass of light or when light is “heavy” aka “turning the light around” with the spin of light as the “hidden momentum” or yuan qi of the shen. Master Zhang, Yuanming of the Dragon Gate alchemy lineage at the foundation of Taoist alchemy training, Mt. Qingcheng, (also where

Zhong Gong

or tianhua qigong

did its advanced training).

<http://qigongmaster.com/fire-dragon-qigong/>

As you breathe in the wind generating fire, imagine the fire turning the water to steam and the steam rising through your channels to your upper dantien nourishing your whole body.

As the Taoists teach, we are born with our spirit-qi unified in the heart, from the “pre-celestial” state in the womb, but at the first breath “post-heaven” the spirit and qi begins to separate.

Taoist Yoga: Alchemy and Immortality

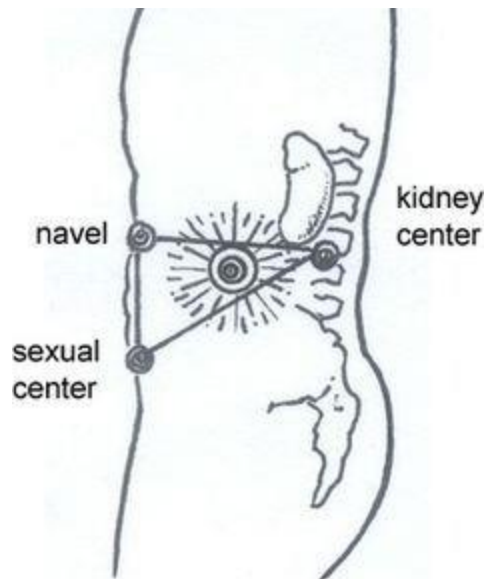
states: Cultivation alone of essential nature (yuan shen) just means the descent of positive fire (yuan shen) whereas “

gathering fire

” means rising up the yuan qi.

Lifting the fire

(yuan qi) restores the health and when fully recovered, will lengthen life.



Triangle to locate Tan Tien

Qihai or Ocean of Qi is the sexual center that first needs to be filled up with yin qi energy through alchemy.

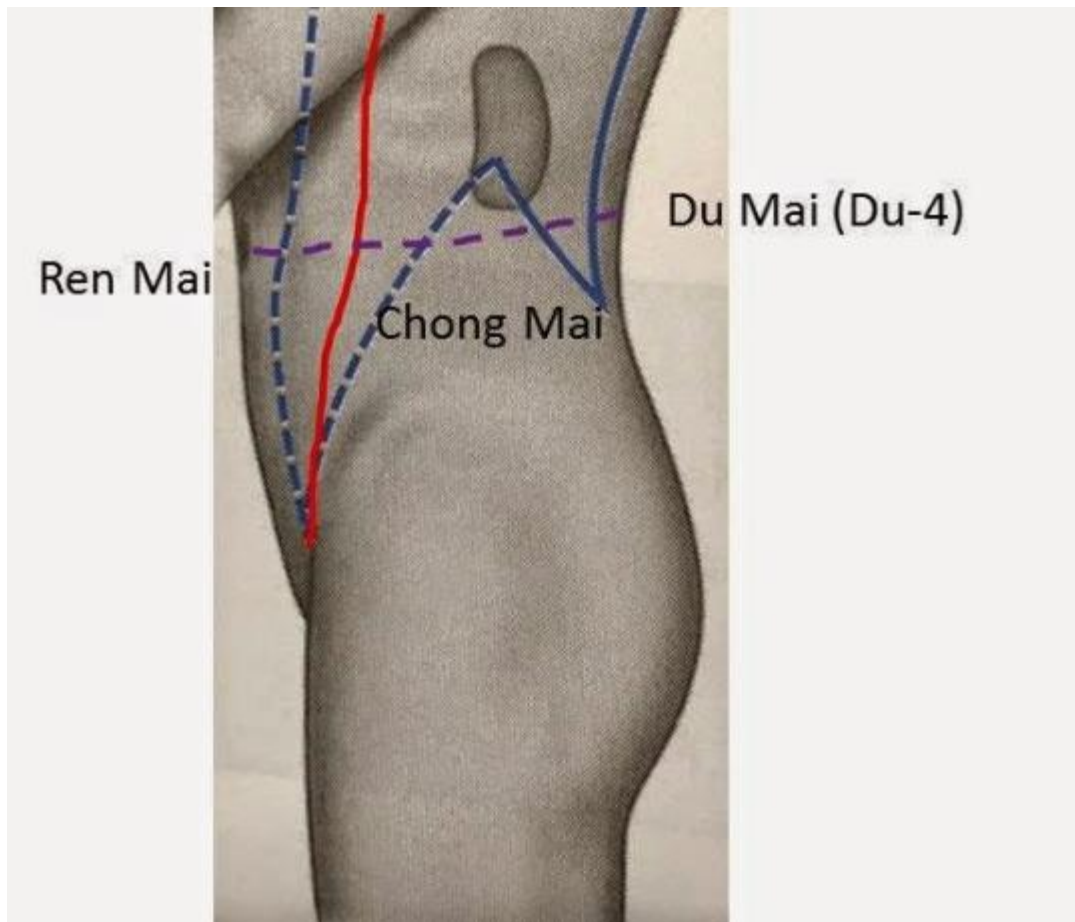
By puberty the qi-shen has separated so that the qi is visualized in the lower body reproductive organs - as subconscious (or these tantric days increasingly conscious) focus aka yuan qi is called “jing-shen.” (not the alchemical shen-jing). If this liquid (negative generative force)

reverses its direction

it will “contribute to the production of the golden elixir.”

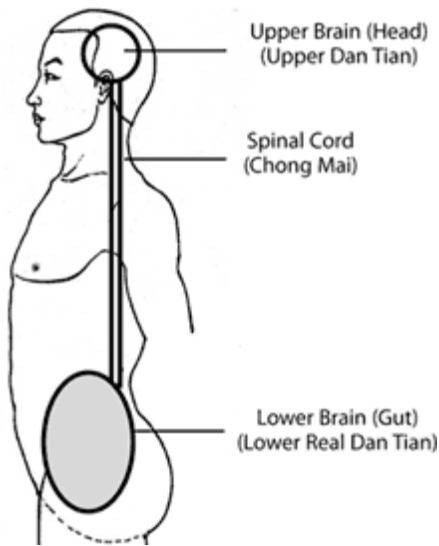
Taoist Yoga: Alchemy and Immortality

, p. 48.



There are actually three Dan Tian on the same level: one anterior on the Ren, one in the middle on the Chong and one posterior on the Du (Du-4).

It is only in the real Taoist yoga alchemy training that we learn the various types of fire, including evil fire of the heart that causes the “yuan qi” originating on the right side of the heart to emanate out of the pineal gland, out of the eyes, and causes the subconscious mind to trigger qi down the spine, via the sympathetic nervous system. This then converts the QiHai or False Lower Tan Tien into fluid for ejaculation. To reverse the direction of the QiHai then means to purify the yin qi into Yuan qi. If a person is young, then they have lots of yin qi and so easily can activate the Yuan qi of the real lower tan tien - behind the navel, once the yin qi is restored the age of a 16 year old.



As qigong master Dr. Yang, Jwing-Ming clarifies:

When stored Qi is built up to an abundant level at the **False Lower Dan Tien**, the excess is immediately distributed through the Conception and Governing Vessels, and the Twelve Primary Qi Channels....The **False Lower Dan Tien** is located about two inches below the navel in the abdominal area. This is Qihai (Co-6, Ocean of Qi) in Chinese medicine. (*Qigong Meditation: Small Circulation*, 2006).

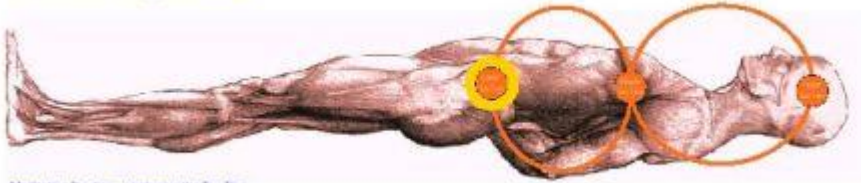
The acupuncture point below Qihai, called Guan Yuan as Professor Dr. Li Jie details (with the first image I posted), is the “front mu-point of the small intestines.” And so the real Lower Dan Tien is actually the small intestines where the Yuan Qi is stored after it is built up. When the yin qi is restored and the Yuan Qi is activated then the whole body has the flexibility of a baby, the bones pulsate with qi and the centers of the hands and feet pulsate with qi. A person can then go without food, without sleep, and enter into the real spiritual meditation. This level is much more rare than what is encountered in just acupuncture healing that

is restoring the yin qi levels and once the yin qi is restored, the Cavity of Original Spirit - the third eye - opens up

:

Energetic Pathways - Tan Tien Energy Figure 8 -
Harmonics Energy Balancing

Natural Opening of the Third Eye Centre. The focus of attention into the lower Tan Tien starts the energy figure eight loop that activates the energy centres known as the middle and upper Tan Tien. This automatically begins the process of opening the Heart and Third Eye energy centres. The Heart receives wisdom and strength from this flow.



Meditation Practice - awakening the Tan Tien

Sit in either Lotus or on a Vipassana stool. If this is not appropriate, sit on the front part of a straight backed chair. Keep the back straight and relaxed. Don't slouch or sit crosslegged and lean forward. With eyes closed, breathe into the lower Tan Tien. Allow the breath to find its own pace, don't try and impose a breathing pattern. Keep your attention focused on the Tan Tien. Don't visualise, just try and become aware of this energy centre.

If you are not a regular meditator, forget about this for the time being and learn the basic Vipassana meditation. The Tan Tien Meditation is a waste of time unless you can focus deeply.

Harmonics Energy Balancing (1)
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james@hcb.com.au

As Tai Chi and
qigong master Waysun Liao states

:

The center of our life energy resides in our lower tan tien, **which is located behind the navel**, in the lower stomach.

And then we have to turn to

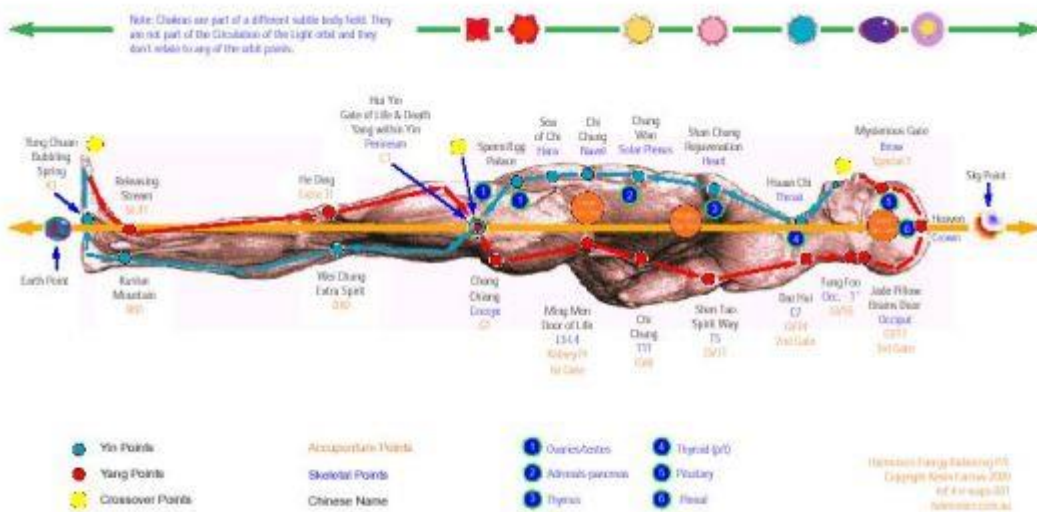
Foundations of Internal Alchemy

by Wang Mu (pp. 21-2) to get further clarification:

The medical texts usually say that it is located 1.3 inches below the navel. **According to the alchemical texts, instead, it is found 1.3 inches behind the navel....** Why is it also said that the Cinnabar Field is located 1.3 inches below the navel? Zhao Taiding (Ming dynasty) gives the following explanation:

[translated from Mandarin] When we say 1.3 inches below the navel, this measure is taken **with the body lying horizontally**. [The Cinnabar Field- then is the point found 1.3 inches under the navel, that is between the kidneys.

In addition these explanations, there is another one. The Cinnabar Field is where the Elixir coalesces. As this is similar to a seed sown in a field, which naturally gives birth to sprouts and fruits that ripen in due time, it is called "field."



Kevin Farrow of Acuenergetics diagram

Accordingly, this Lower Tan Tien wrong message of “below the navel” was erroneously passed down from a Master lying on his death bed to a student, and so on.

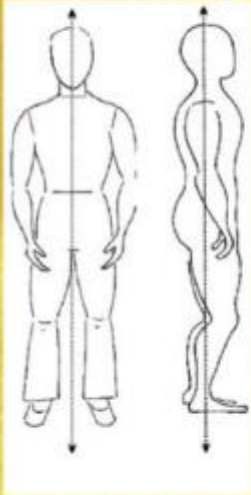
As qigong Taoist alchemy master Jerry Allan Johnson details -

the lower tan tien is posterior or “behind” the more superficial acupuncture points

and the location varies slightly for males and females, but the small intestines definitely store the qi energy:

In these particular schools, students are taught that in men, the center of the Lower Dantian is located posterior to the Guanyuan CV-4 (Gate of Original Chi (Qi)) point. The center of the Dantian area in a woman is said to be located higher, posterior to the Qihai CV-6 [Sea of Chi (Qi)] point, located within the center of the *Bao* or Uterus.

Taiji Pole posture is Wuji



- ☯ Wuji in Chinese martial arts refers to an erect posture of equilibrium, which may be described as the most balanced and relaxed posture that can exist midway between the states of Yin and Yang

The alchemical secret of the Wu Chi point from the shen below the jing to build up Yuan Qi

In the book

Hara Diagnosis: Reflections on the Sea

(1988) -

a further connection is made between the Ming Meng and lower tan tien and this same insight is described by others

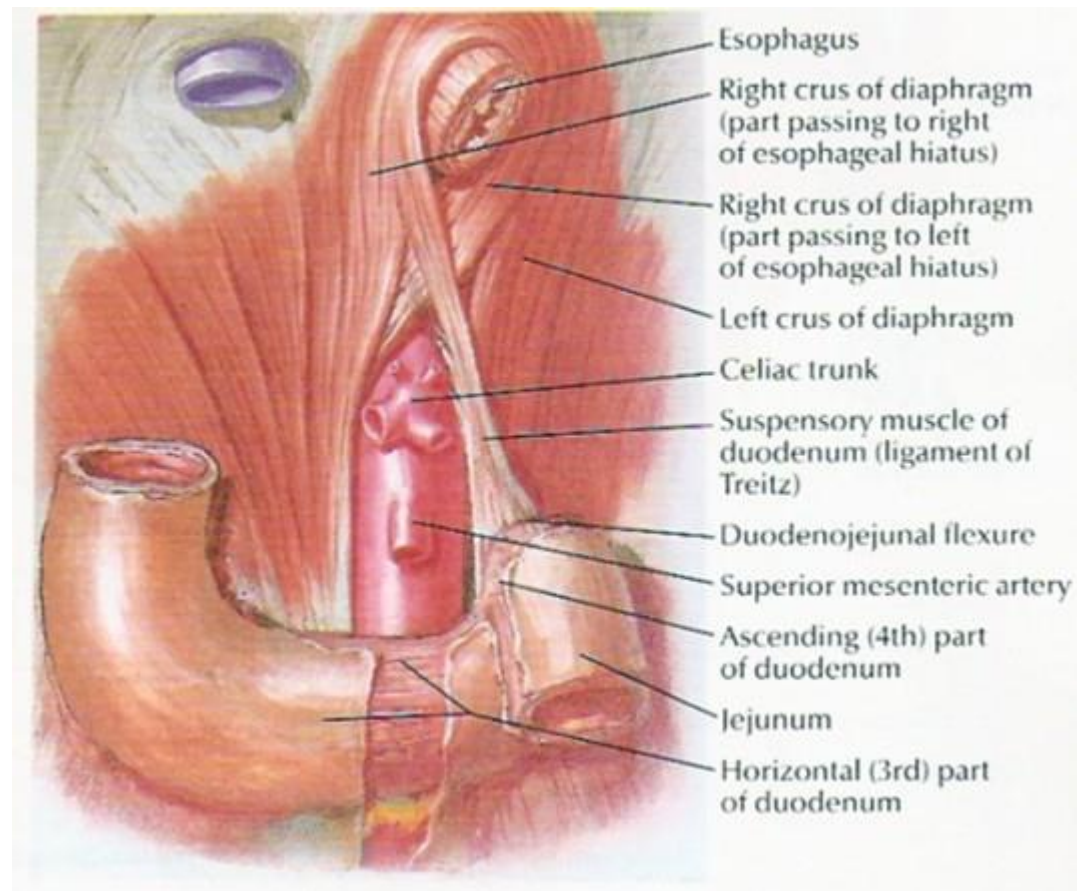
, like

Dr.

Norman Bethune Allan:

one old old source says that it is also the “greasy membrane between the kidneys.” And what could that be? Surely it’s the *crus* of the diaphragm!...Where the oesophagus passes through the diaphragm (the diaphragmatic hiatus), the diaphragm loops a bit of muscle round the left that then crosses over, below, to the right (to the right of the abdominal aorta)... The pieces of the diaphragm

either side of the oesophagus, and then below, either side of the aorta, are called the crus of the diaphragm - the cross of the diaphragm.



The secret Triple Burner, Heart-Small Intestine-Lower Tan Tien-Lung connection

Arising from the crus is a very interesting structure, the ligament of Treitz. This starts as a slip of striated (voluntary) muscle from the diaphragm, becomes ligamentous, and then continues as smooth (involuntary) muscle to join (and suspend) the small intestine at the juncture of the duodenum and the jejunum (the second section of the small intestine). This suspensory ligament is the structure we feel relax when our “stomach” falls with fear, for instance.

But back to mingmen, the Life Gate; this is (likely) this structure between the kidneys, the crus of the diaphragm (and ligament of Treitz) - the gateway in the diaphragm and the gateway in the energy fields.

In the 2016 book

The Mystical TCM Triple Energizer: Its Elusive Location and Morphology Defined
Dr. Louis Gordon

makes the same insight - that

the source of energy is an alchemical “fire in the water” secret.

According to

Dimitri Kostynick:

Classical alchemy defines the three heaters as the three tan tiens.

The key for the qigong alchemy training is to keep building up the parasympathetic nervous system energy, so as to ionize the life force, and this is why the qigong alchemy training is jokingly called “virgin kungfu” in the Old Skool kungfu films.

The skill of Hai Teng [top qigong master of Shaolin] contains of 108 moves. Both strong and soft. **Hai Teng can still perform at [84 still virile] according to himself, is to keep his virginity and to always practice the internal ‘Chi.’**

But as this documentary of the qigong alchemy Shaolin monk Master Hai Teng details

- maintaining his virginity of both mind and body is the key secret of his alchemy qigong training, at 1 hr, 17-19 mns.

“ What happens next, if you are male? You are having a terrific time with someone. Maybe you are breathing faster, your heart rate has increased. Gradually parts of your body are taking on a sympathetic [nervous system] tone....After awhile, most of your body is screaming sympathetic while, heroically, you are trying to hold onto the parasympathetic tone in that one last outpost as long as possible. Finally when you can’t take it anymore, the parasympathetic shuts off at the penis, the sympathetic comes roaring on, and you ejaculate.”
Robert Sapolsky, *Why Zebras Don’t Get Ulcers* (Holt Paperbacks, 2004), p. 124.



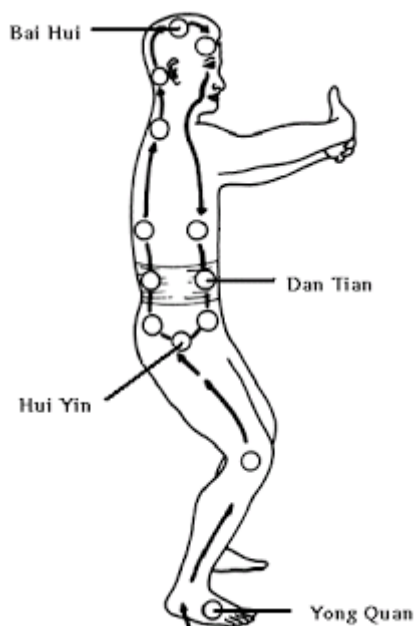
Shang Dynasty Triple Cauldron 1600 BCE: Fire under water to make Qi

So in the pure energy of innocent, moral youth then there is strong unified qi-shen, so there is a strong heart love energy, as oxytocin heart love theta “waking” REM holographic vision. By the age of 16, consciousness (mental thinking) takes over from shen spirit-yuan qi energy. This is why youth before puberty can learn very fast and learn new things easily, given the opportunity as mind-body harmonization. The best age to start the qigong alchemy training is then by or before age 9, as

Dr. Yang, Ywing Ming explains

:

While the Fire Energy will strengthen your spirit, Water Energy will strengthen the mind to control the energized spirit. The spirit which is kept in its residence by the mind, which is nourished by the Original Energy is called Original Spirit (Yuan Shen.) Therefore, the root of your Original Spirit is traced back to your Original Essence. When your spirit is energized but restrained by your mind it is called Essence Spirit (**Jing Shen**, also “spirit of vitality.”)...the wisdom mind (Yi) comes from the Pre-birth Qi (**Yuan Qi**) which is converted from the Original Essence you inherited from your parents.



The Wuji Posture of standing alchemy Tai Chi

The spirit leaves the body through the eyes during the waking state and the left-brain dominant mind becomes possessed at the speed of light (a sympathetic nervous system switch) by the subconscious right brain visual images seen that

trigger, via the pineal gland, the loss yuan qi via the reproductive fluid (asymmetric lecithin stores up the qi charge) at night by the males.

Taoist Yoga: Alchemy and Immortality

: **“If intellect is not frozen passions can not be cut off.”** Quick Fire breathing fixes these subconscious blockages - along with the Tai Chi trance dancing: This is the **quick fire** method - to **convert the “post-natal” generative force from food into yuan qi energy.**

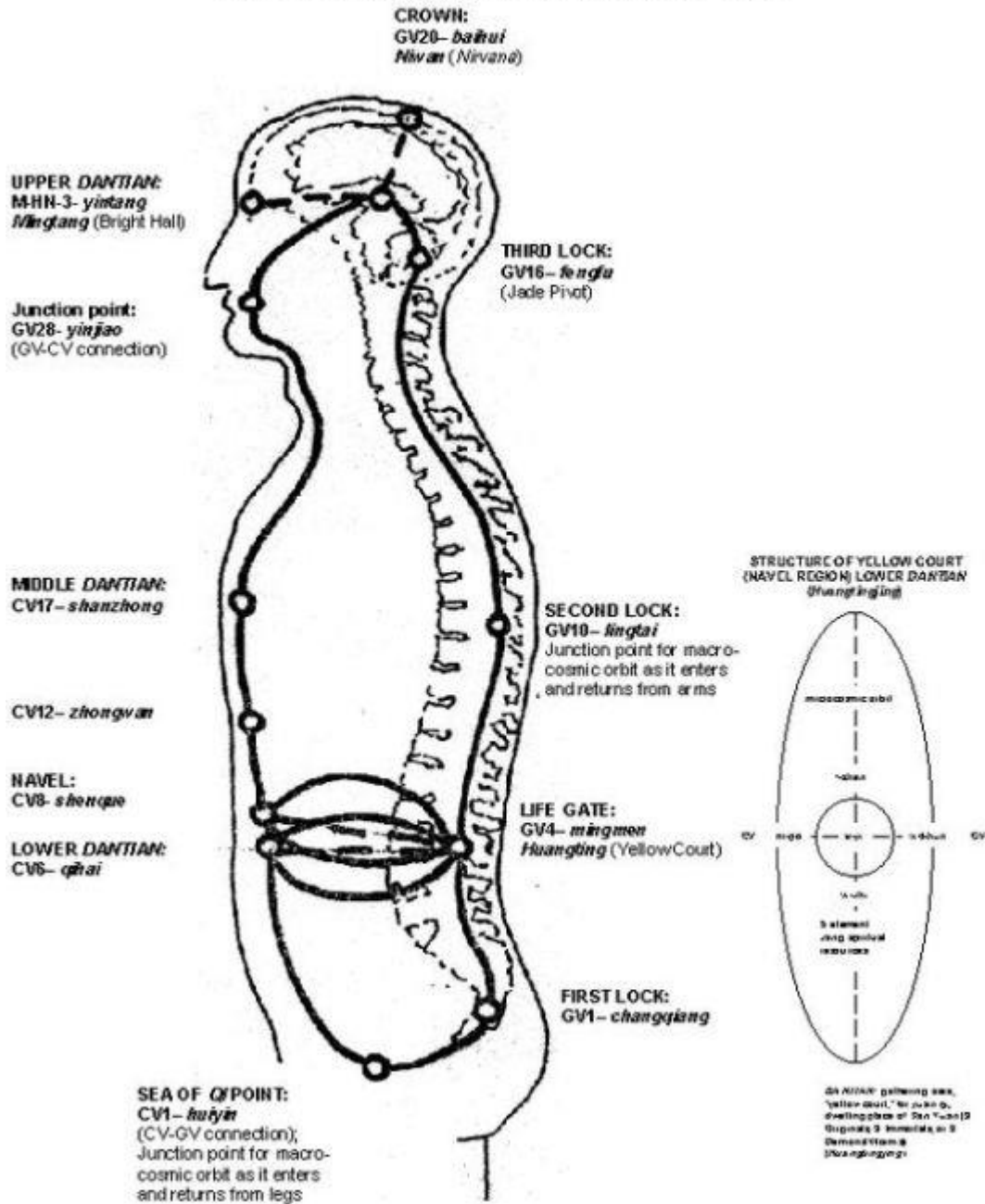
In chapter 5 of

Taoist Yoga: Alchemy and immortality

the Quick Fire technique is described with the eyes open, by looking at a candle flame, but later in the book the Quick Fire breathing is described with eyes closed.

So the common denominator is actually strong deep belly reverse breathing which actually physically activates the adrenal medullae, thereby doubling your adrenaline levels - just by the breathing technique. (see below for quotes from the Wim Hof or tummo method).

THE GREAT CENTRAL CHANNEL (FIGURE 46.5)



This also pumps the blood and hormones up to the pineal gland which is also the source of the adrenaline and serotonin as neurotransmitter - so this creates a positive feedback between the kidney "yuan qi" activated by the Quick Fire and the third eye where "yuan qi" emanates.

So as

Taoist yoga

describes Quick Fire - the trick is that it activates the Yuan Qi which then has the "power" to spread the yin qi throughout the body to clear out any energy blockages.

Then with the Wim Hof technique from Tummo - holding the breathing after exhale, after the Quick Fire breathing - activates the parasympathetic nervous system which then is the "shock" as the extreme dialectical reversal to store up the serotonin and electromagnetic energy.

So with each cycle - the breath can be held longer and when the breath is held after exhale this causes the blood to flood the brain to feed the most important organ in the body oxygen. The increased oxygen in the brain - ironically from holding breath after exhale - then causes increased shen light to build up from the increased mitochondria biophoton activation.

Then as the pressure builds up in the brain from the cerebrospinal fluid - this increases the yuan qi from the microtubules as quantum consciousness qi - and the cerebrospinal fluid soaks up that charge and then overflows out of the sinus cavity, with the tongue against the roof of the mouth. This is swallowed, causing great heat in the pit of the stomach. No food is eaten for a half hour to hour afterwards and the qi energy is then absorbed back into the small intestines.

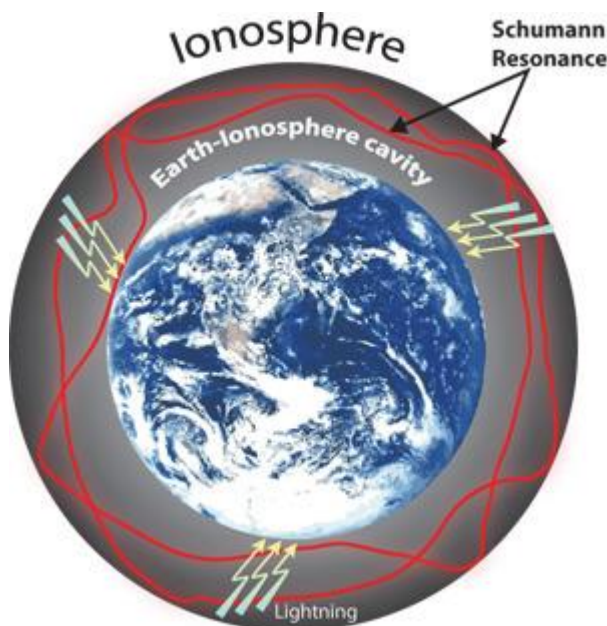


Secret of Quick Fire is strong reverse breathing to activate the Yuan Qi through the adrenal medullae

From there it cycles back through the cerebrospinal fluid up the spine, etc. as the small universe.

So the Quick Fire is contrasted with the Slow Fire - which in deep serenity has the “appearance” of no breathing at all. In fact - when the qi builds up then it takes care of the chemical reactions like protein for food and oxygen for breathing, etc. That’s when “deep serenity” occurs. If there is loss of energy again by the qi being deconverted back into fluid from impure lower frequency interactions - then the Quick Fire by deep reverse breathing to activate the adrenal medullae - that is the only technique that has the power to reverse the damage.

So with the horse stance you get the added benefit of the standing wave resonance with the Earth’s schumann resonance from the legs shaking 7 to 8 times per second - also causing this Quick Fire extreme sympathetic nervous system reaction that dialectically reverses as an extreme parasympathetic reaction, flooding the intestines with serotonin, thereby getting the “shit scared out of you” as the saying goes. haha. That is actually a serotonin parasympathetic nervous system reaction.



7 to 8 times per second ELF (extremely low frequency) is the pulsation of the yuan qi energy in resonance with Schumann

O.K. so that process of aging has to be reversed by building up the Yuan Qi and the quickest way to convert jing to qi energy is through the knees bent with the increase in pressure and gravity as increased electromagnetic qi potential. The quick fire is used to sublimate the outer alchemical agent - external breathing - to transmute and purify the yin qi into Yuan Qi.

the role of photon emission *in vivo* may be tremendous, as it becomes evident that disturbances in the symmetries of skeletal forces can result in enhanced phosphorescence, as a consequence of **skeletal mechanically-induced luminescence**(or triboluminescence). (biophoton study linked below)

What happens is a standing wave with the Earth's Schumann Resonance - at 7 to 8 pulses per second - as the "yuan qi" energy.

Infrasound Emission is dramatically increased from qigong masters.

The [infrasound ELF] energy of the qigong masters was over 100 times higher than that of ordinary persons.

This, in other words, is the trance dance training, and with the legs shaking seven times per second, the sympathetic stress nervous system gets pushed to its extreme, spiking the adrenaline and causing an extreme dialectical reversal.

Dr. Bradford Keeney's book on the original spiritual training of humanity has 56 results for "shaking."

The reversal floods the lower body with serotonin as a parasympathetic nervous system "flush" of the colons and then this serotonin flows up the body into the pineal gland via the cerebrospinal fluid.

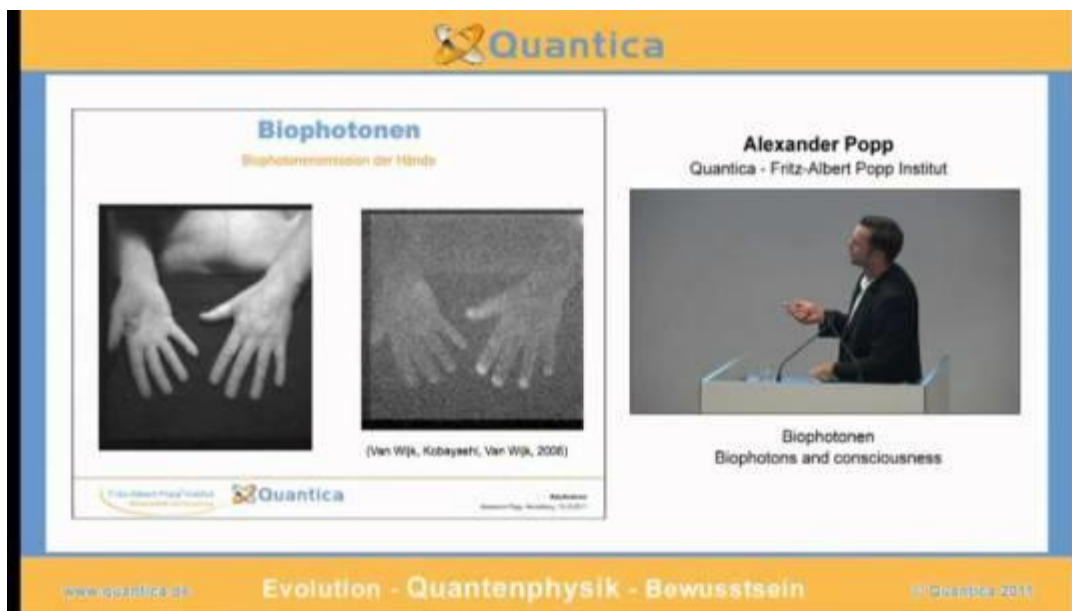
Dr. Bradford Keeney article from his 2007 book *Shaking Medicine: The Healing Power of Ecstatic Movement*.



Secret Alchemical Reason why Left Hand (Lunar) is held in front of lower body and right hand (Solar) in front of top of body!

Now the Taoist alchemy trick with this trance dance training is that the left hand palm facing the belly button is the yang left hand facing the yin lower body and just like licking a 9-volt battery that connects the yin and yang, that creates a qi charge. So then the right hand palm facing the upper body yang creates a yin right hand and yang upper body qi activation also. This is the “moving of yin and yang” exercise

of interest was the shift in [biophoton] emission rate between the left and right hands; there was an intensity increase on the left (*yin*) hand starting around 8 PM, and from 12 PM until 5 AM the left hand emits more than the right. Subsequently, the left side emission decreases and right side (*yang*) increases, being higher between 10 AM and 3 PM [32, 33]. biophoton study confirms yin-yang secrets of alchemy



Son of Fritz-Alfred Popp, Alexander Popp gives biophoton lecture, youtube

Now I had to study

Taoist Yoga

alchemy for years just to figure out that secret - and it is only for males! haha.
Note in the biophoton study the left hand is claimed to be yin - it is for females.

biophoton 2014 medical textbook

It's counter-intuitive as since the right hand is typically considered dominant we would think of it as yang but it's not!

As I detail in my previous blogpost:

Smits then explains that since the body is a microcosm of the Universe this means that an imbalance on the top *yang upper body* is yin and therefore, facing south, is on the right side of the body, to the west as yin. The opposite is for the lower body, an imbalance on the *yin half of the body* is then on the east side or left side, the yang side of the body.



copulation of White Tiger and Green Dragon

So I knew from reading Wang Mu

Foundations of Internal Alchemy

, that the Dragon is the

yin

within the

yang

of the Sun fire while the Tiger is the

yang

within the

yin

of the water Moon. At first the “green dragon” is the liver qi that needs to be sublimated into the “red dragon” of the Solar heart. The white tiger is the opposite process so that Earth and Heaven are fully turned into yang qi energy. Dr. Aaron Cheak summarizes the alchemy training:

Hence when *yang* (fire) contains a *yin* essence, it is known as wood (lesser *yang*) and when *yin* (water) contains a *yang* essence, it is known as metal (lesser *yin*)....just as greater *yang* (fire) grows from lesser *yang* (wood), so must fire be retracted back into wood. Just as greater *yin* (water) grows from lesser *yin* (metal), so must water be retracted back into metal. The two retracted halves - wood and metal, lesser *yang* and lesser *yin*, are then able to form the perfect earthly balance. This retraction and unification of *yin* and *yang* provides the matrix in which the golden embryo grows or is cultivated. 'Taking from water (☵) to fill in fire (☲)': *The History and Dynamics of Daoist Alchemy* by Aaron Cheak, Ph.D.

龍虎交媾圖

龍呼於虎虎吸龍精
兩相飲食俱相會併

白面郎君騎白虎
青衣女子跨青龍
鉛汞鼎邊相見後
一時關鎖在其中

男女相須合吐以滋
雌雄錯雜以類相水



虎在西兮龍在東東龍西虎各爭雄
若解相吞歸一處神仙頃刻不勞功

嬰兒姪女齊齊出却被黃婆引入室
雲騰雨施片時間不覺東方紅日出

Dragon and Tiger Tripod Cauldron, Fire, Water, Qi Alchemy

So then, as per the “moving of yin and yang” image above, the right hand is held over the lungs of the upper body as **the yin is over the yang upper body** which then grabs the “yin” (white tiger of metal lungs)

within the yang

. The **yang left hand is held facing the yin** lower body so that the yang left hand is now grabbing the yang **green dragon** (yin qi) *within the yin jing*.

“the right hand grabs the white tiger, left hand grabs the green dragon,”

Yin qi (green dragon) of the wood liver is the essence of the yang shen of the **solar heart (grabbed by the right hand)** - and so it is the yang jing hidden within the yin of the lower body emotional energy (xin of the heart). The yin qi of the lungs

(white tiger) is the essence of the prenatal yang qi **lunar kidney energy (grabbed by the left hand)**.

If anyone doubts the importance of this secret - consider again the 5000 BCE alchemical tomb of the dragon and tiger:

It is validated by a similar later finding:

The skeleton is oriented so that its skull points to the south. The interest in this discovery lies in the comparison with the astronomical diagram found in the tomb of Marquis Yi of Zeng (a minor state). It can be readily identified that **in both cases the dragon lies in the east and the tiger in the west**.

Again the left hand is east as yang grabbing the green dragon (yin qi of the yin lower body). The right hand is west as in yin grabbing the white tiger (yin qi of the yang upper body). This connects with the astrological constellations that opens up the Pole Star connection (see the final secret of this alchemy blogbook/article).

Professor Gerald Pollack reveals the secret of this “yuan qi” heaven superconducting protons

Richard Feynman, the legendary Nobel Prize physicist of the late 20th century understood the principle, opining that: “like-likes-like because of an intermediate of unlikes.” The like-charged droplets “like” one another, so they come together; the unlike charges lying in between those droplets constitute the attractors (Figure 3).

This is the “moving” or copulation of dragon and tiger and yin and yang. Just to emphasize this alchemical secret, consider this

Hadith of Islam

:

“Oh my Uncle, By Allah, if they put **the sun in my right hand and the moon in my left hand** on condition that I abandon this matter (Islam), until Allah has made victorious or I perish, I will not abandon it.”

The real secret of that Hadith is that Muhammad was an alchemy blacksmith initiate as the ability for Islam to spread was based on their newly acquired iron-weapon forging skills.

The water yin jing kidney energy - has a yang jing or yin qi that is yuan qi and enables the ability to fast 40 days, as Moses, Muhammad, Buddha and Jesus all did. As Taoist quantum jazz biologist Dr. Mae-Wan Ho revealed - it is quantum

coherent water, excited by the piezoelectric resonance of collagen, that traps light as “imaginary mass” thereby splitting the water to create

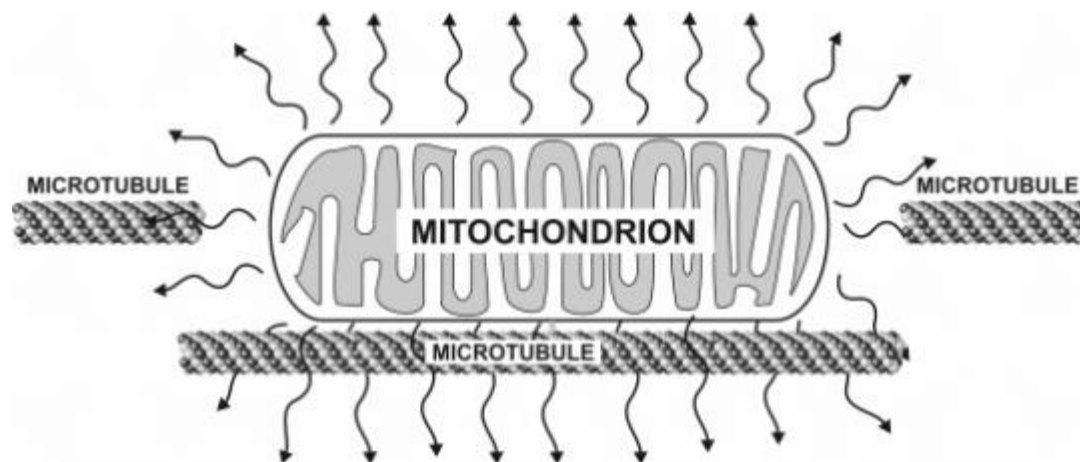
superconducting proton-proton energy as the “yuan qi” alchemy secret. pdf

Each CD [coherent domain] of water is effectively a resonating cavity produced by the electromagnetic field that ends up trapping the field because the photon acquires an imaginary mass, so the frequency of the CD [coherent domain] becomes much smaller than the frequency of the free field with the same wavelength.

That is the science of noncommutative phase-space as formless awareness Yuan Qi quantum entanglement negative entropy - from “quantum jazz” time-frequency

complementary opposites being in two places at the same time

.



Increase alpha brain waves as ELF subharmonics as biophoton emission to power mitochondria

Excited coherent water is the basis of the oxidation-reduction energy metabolism that powers all living processes...it orchestrates all the necessary chemical reactions. Dr. Mae-Wan Ho

So that imaginary mass and virtual photons explains the qigong “bigu” fasting ability also called “converting jing to qi.” The copulation of the crouching tiger, hidden dragon then cycles and builds up this yin qi to **then “restore fire or yang, to its primordial celestial fullness”** as Dr. Aaron Cheak details.

"The dragon and tiger are respectively the yang and yin components of generative [jing] energy. Other names for the dragon are: the yang dragon that

hides with the fluid, the yin within the yang (symbolized by the broken line flanked by two solid lines in the trigram Li [fire]), the vapor within the fluid, the vapor of pure yang, and the true fire. Other names for the tiger are: the yin tiger that hides within the vapor, the yang within the yin (symbolized by the solid line flanked by two broken lines in the trigram Kan [water]), the fluid within the vapor, the fluid of pure yin (or the vapor of pure yin), and the true water. The dragon and tiger are therefore *the* components or ingredients of mundane generative energy. Do not confuse them with their carriers, fluid and vapor. Central to the preservation and cultivation of generative energy is the process known as the copulation of the dragon and tiger. The yin and yang components of generative energy meet and merge to become purified generative energy, which is also called **the primordial vapor. [yuan qi or water pre-birth qi]**. The process begins with the vapors of pure yang (dragon) and pure yin (tiger) rising from the base of the spine and traveling separately up the spine and through the shoulder blades. When the vapors reach the head, they interact (copulate) and merge to become one unified vapor. **This unified vapor descends to the palate of the mouth and is manifested as nectar, a sweet, sticky fluid.** Swallowed down the throat, the nectar enters the middle tan-t'ian (in the area of the solar plexus) and eventually completes its circuit when it reaches the base of the spine again.“

-

Nourishing the Essence of Life

: *The Outer, Inner and Secret Teachings of Taoism*

. Translated with an Introduction by Eva Wong. Boston, Shambhala, 2004. Pages 9-10, 8-23,94. Translation of three texts from the Daoist Canon, circa 1400 CE, called

The Mysteries of the Tao

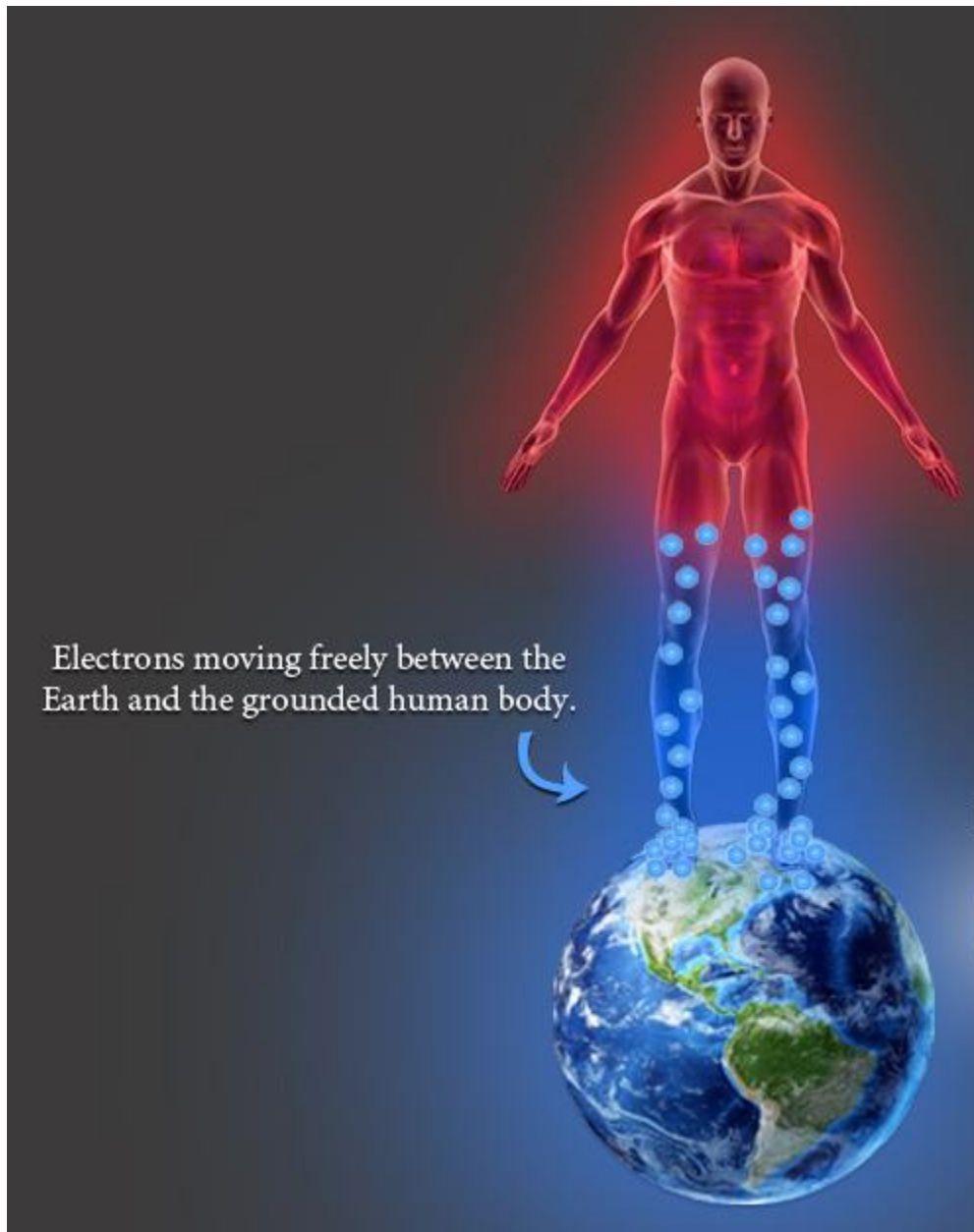
(Tao-hsuan p'ien),

Understanding the Mysteries

(Wu-shuan p'ien), and

the Sacred Treatise on the Great Mystery

(T'ai-hsuan pao-tien) of the Complete Reality School of Daoism.



When legs shake 7 to 8 times per second this resonates with Earth's Schumann Resonance as free electrons

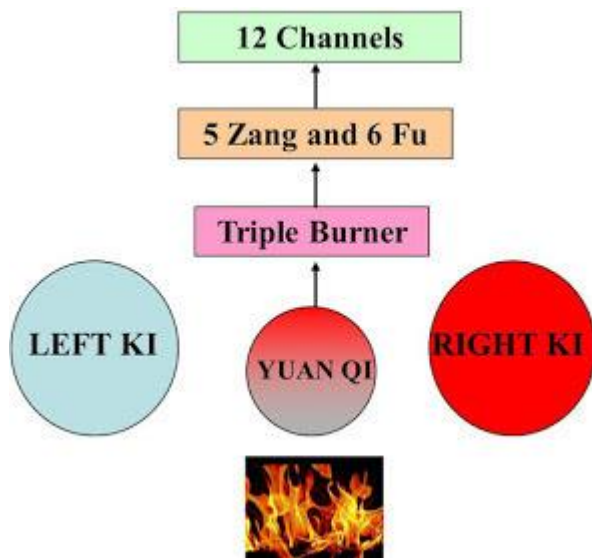
O.K. so then - that moving of the yin and yang trance dance Tai Chi exercise is **the foundation of the practice** since it creates the Quick Fire (deep fast reverse breathing) which is the **only means** to convert the yin jing back into yang jing or yin qi energy. Quick fire activates the Yuan Qi in order to drive the yin qi to clear out the blockages. Quick fire breath turns the generative fluid from food into generative force yin qi (instead of fluid).

Taoist Yoga: Alchemy and Immortality

:

Spirit can only hold vitality temporarily but lacks the driving power of breathing, and without breathing, vitality cannot be driven into the channels of control and function and will drain away by the genital gate; this is caused by lack of pressure from in and out breathing. p. 87

So now we have the first step but we learn that the kidneys are either yin jing or yang jing. It's said that the adrenal medullae on top of the kidneys are the yang jing which makes sense.



Yuan Qi is normally jing-shen between the kidneys but transformed into shen-jing through alchemy training of the 12 channels

The adrenaline increases from the quick fire deep oxygen breathing

[scientifically explained by the

Wim Hof Method

, pdf link:

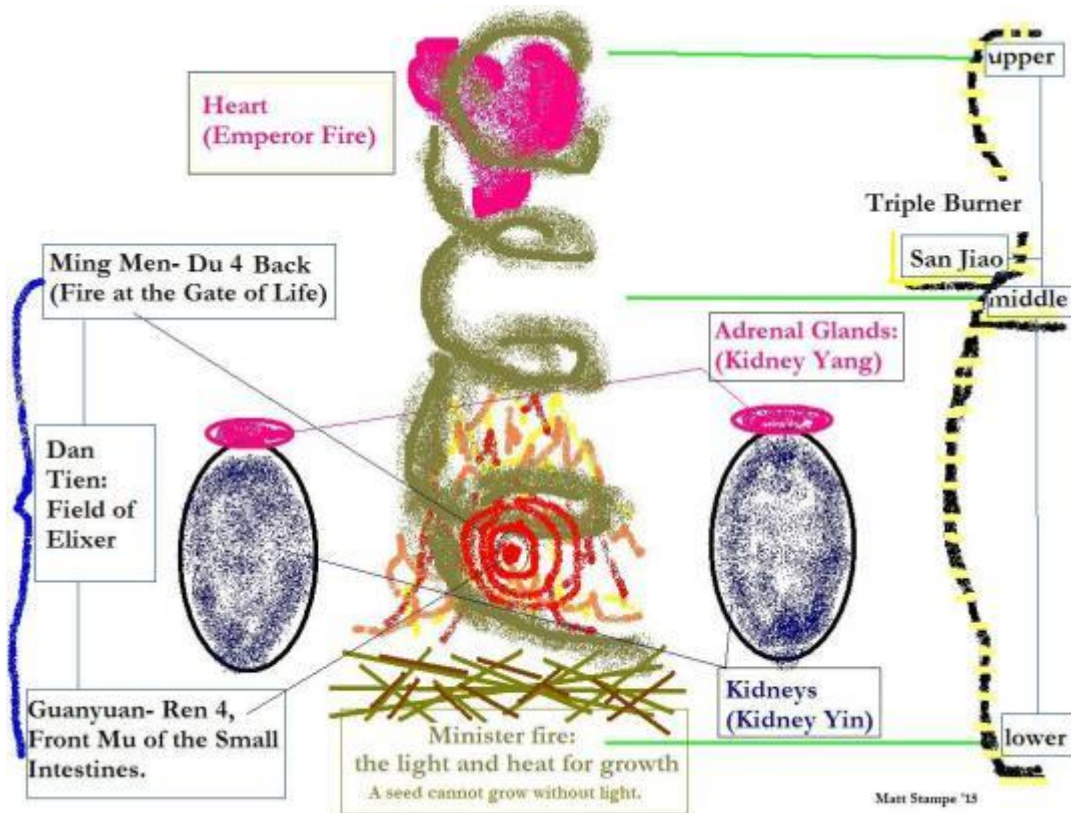
The researchers also concluded that this experiment confirmed that a clear voluntary activation of the autonomic nervous system triggers an increase in the production of the stress hormone adrenaline. In turn, this resulted in a suppression of the activation of the immune system.

Again it pushes to the extreme, doubling, and causing an opposite extreme rebound reversal, as an increase in serotonin from the parasympathetic nervous system.

head and full body shaking medicine:

To study the effects of Brain Wave Vibration on serotonin production, Prof. [Arita] Hideo had a group of people practice Brain Wave Vibration for 15 minutes on three separate occasions. He found that the group had an average serotonin level of 186 [nanograms per milliliter] before the training. Immediately after experiencing Brain Wave Vibration, the subjects' levels increased to an average of 210. These effects were shown to remain relatively stable, as the average serotonin level one hour after training averaged 200.

__The study also showed an increase in alpha wave production, the brain-wave state associated with waking relaxation and greater blood flow in the brain, especially in the prefrontal cortex.



Yuan Qi is from activation of "yang jing" as extreme reverse breathing doubling of adrenaline going up to pineal gland

Reverse breathing means below the navel button the stomach goes in on the in breath and above the navel button on the in breath the stomach goes out and the diaphragm is flexed down. This is also called "pressure breathing." The quick fire breathing (fast deep reverse breathing) doubles the adrenaline levels by physically stimulating **the adrenal medullae** or "yang jing" on top of the kidneys.

Again the Wim Hof tummo method was tested:

Epinephrine [adrenaline] levels in trained [for 4 days] individuals were even higher than those reported in a recent study in which acute stress elicited by a bungee jump was found to suppress cytokine production by leukocytes ex vivo stimulated with LPS (13). As norepinephrine, dopamine, and cortisol levels were not increased in the training group, it appears that the techniques predominantly result in stimulation of the sympathetic input to the adrenal medulla, because this is the most abundant source of epinephrine [adrenaline] in the body and epinephrine-producing chromaffin cells in the adrenal medulla

Then a dialectical reverse of extreme sympathetic causes an extreme parasympathetic vagus surge in serotonin that flushes out the colon and increases serotonin into the pineal gland, thereby further increasing adrenaline and serotonin.

Qigong studies have revealed that qigong training increases serotonin in the cerebrospinal fluid and nervous system while decreasing serotonin in the blood and increasing adrenaline and dopamine in the blood.

Ma (6) and Xia et al. (7) discovered that in the CNS, 5-HTP [serotonin] increased, dopamine decreased, and the metabolism of norepinephrine fell by 60%. It was also reported that frequent Qigong practice rendered the production and excretion rate of 5-HTP two to three times higher than the normal....After Qigong exercise, the blood levels of serotonin (5-HT) decreased,

See then the Guanyuan - Ren 4 [small intestines] encountered again as in the first image I posted - as the original human culture emphasized, the small intestines are considered the largest source of N/om (spirit-vitality or shen-yang jing) as the lower tan tien.

According to Traditional Chinese Medicine, the small intestines create the "humors" as the cerebrospinal fluid.

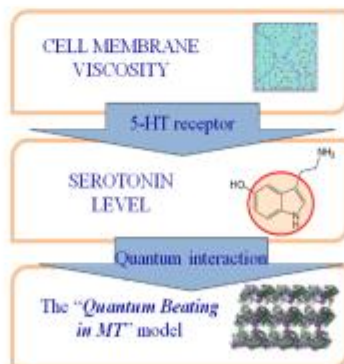
As Master Nan, Huai-chin states, only when the colon is cleared out, is a person then able to see light in the upper tan tien, the pineal gland third eye.

Potassium has the same effect as lecithin, lecithin as the vagus (parasympathetic), and the vagus, finally, as pleasurable excitation, swelling, turgor, increased surface tension, and as was recently shown, electrical charge. Wilhelm Reich, *Bion Experiments*, 1938 in German, published in English, first time, 2013.

As I pointed out in my

Secret Science of Spiritual Healing

article, electric eels convert serotonin in the pituitary gland to ACTH and this is used to dramatically change the potassium to sodium ratio for the synapses which then creates an electromagnetic field that is transmitted, strong enough to take down a large man standing in the water! Electric eels store their charge up in lecithin.



2015 pdf on the Fatty Acid-Serotonin-Microtubule-Biophoton Consciousness resonance

Lecithin is the main component of semen but lecithin is also the main component of storing up charge in the neurons - the myelination of neurons.

Eggs as the main food source of lecithin are then considered “brain food” by the Taoists who teach how to “feed the brain.” Soy is the main vegetarian source of lecithin and the main protein source in the Buddhist monk diet.

As the original qigong master states:

Our feelings, thoughts, and emotions are all energy. Each has its own energy frequency and vibration, as all things do. When that frequency and vibration meets the frequency and vibration of an organ in the body, they will produce resonance.

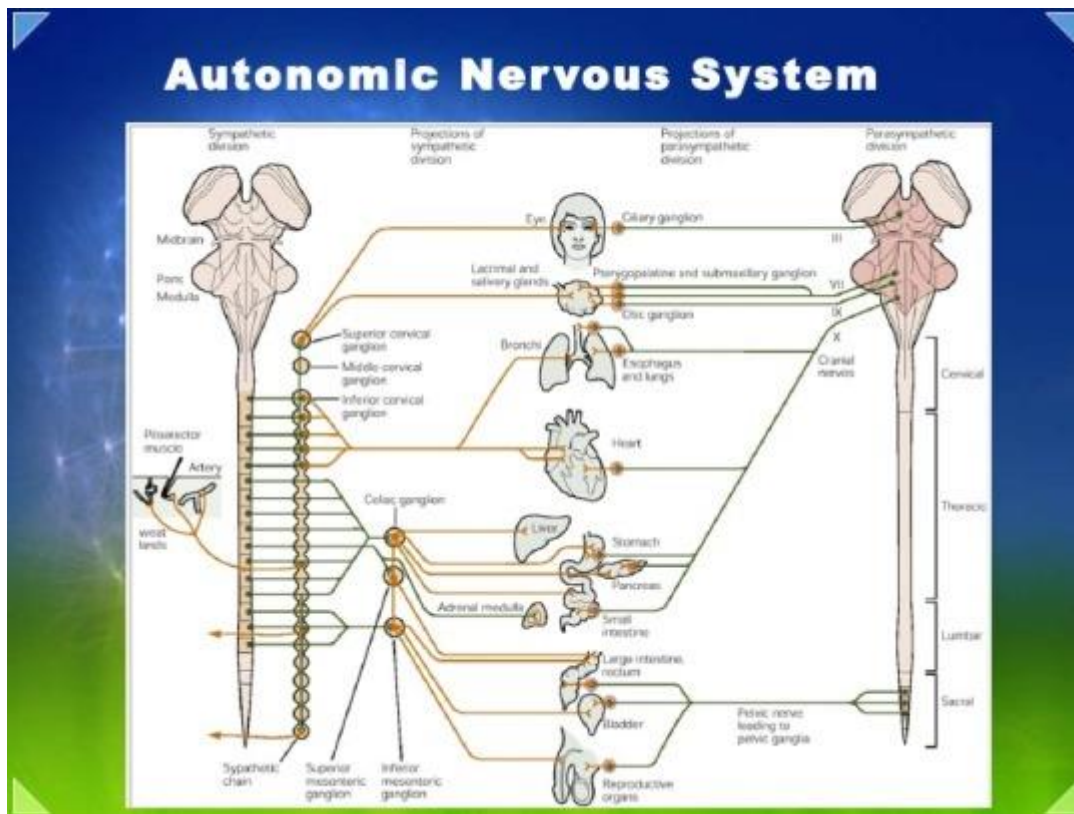
The resonance created by positive, balanced thoughts and emotions can help to strengthen and heal.

Our Electric Emotions (2013) details why eating fish oil stores up electric charge.

The phase boundary potentials (**the 10 microsecond phase wavelength of the ultrasound megahertz frequency**) make possible the static electricity produced by the cells. As

Taoist Yoga: Alchemy and Immortality

teaches, **when the qi leaves the lower tan tien, it turns back into ejaculation (lecithin). In the lower tan tien it is ionized jing as the alchemical pill; asymmetric lecithin is piezoelectric.** When generative and vital forces leave the lower tan tien they become separated and so the generative force (yin qi) turns negative, back into fluid, causing the true vitality to “scatter.” When the generative force and vitality move away from the lower tan tien they become liquid. When they return back to it they become prenatal vitality or yuan qi. **True vitality (yuan qi) sustains the generative force as “fire in the water.”**



Testes are parasympathetic while erection is sympathetic, so increased parasympathetic orgasm empties out the testes and fills the lower tan tien with qi energy.

Taoist alchemy Master Wang Liping teaches to sit in full lotus yoga meditation six hours a day for a year to restore the Yuan Jing energy. The brain cerebrospinal fluid gets ionized by the unification of shen-qi via the pineal gland. When the brain fills up with energy with the tongue against the roof of the mouth, through the vagus nervous system, then the “ambrosia” overflows out of the skull cavity via the nasal sinuses.

Memory, Intuition, Gut feeling

- If we want to listen to our intuition or gut feeling, what information are we accessing?
- Is this information holographic or fractal? Are microtubules involved to access this information?
- Can we measure this ability?
 - Galvanic skin response (lie detector)
 - Heart rate variability
 - Noninvasive nanosensor biofeedback



99

Kriya Yoga and Taoist Alchemy - same teaching: 6 hours of full lotus a day to restore Yuan Jing

The researchers claim to have found a sweet spot in the 2-3 MHz range, [ultrasound] where the normally slower mechanical vibrations (usually associated with protein folding) of tubulin monomers and polymers overlapped with the typically higher intrinsic electromagnetic vibrations of the molecule. **Hidden information-processing networks in the skeleton of cells**

However, there are 30000 and above proteins working relentlessly in our body, the “common frequency point” [ultrasound] if it exists for all proteins, would open up a possibility to remotely cure diseases. *Nature* 2014

Craniosacral

Polarity Therapist Dr. Rudolf Stone

called it the “Ultrasonic Core”

The **ultrasonic core** is the name given by Dr Stone to the central shaft of the Caduceus. He writes “The central core is the ultrasonic energy current of the Soul. It is the primary energy which builds and sustains all others... (it is) located anatomically within the central canal of the spinal cord and resonates with the

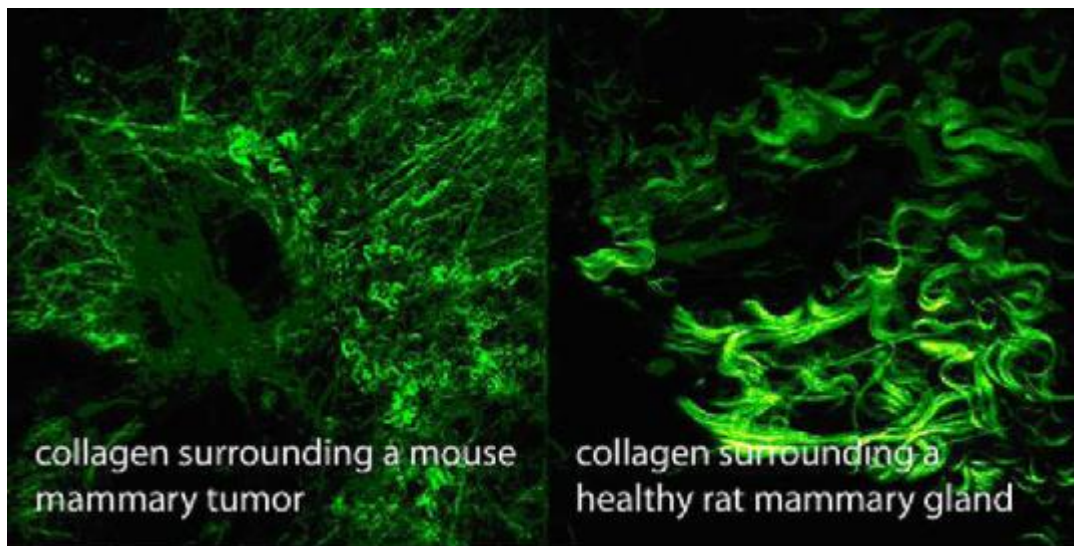
'Eternal Sound Current' ... the Unitive Field of Cosmic Intelligence....Dr Stone again "The cerebrospinal fluid(CSF) seems to act as a storage field and a conveyor of the ultrasonic and life energies."

By the complementary opposite harmonics of alchemy practices:

Obviously, for some proteins the survival for microseconds is the "common frequency point". In this case, the common point is the inverse of microseconds that is the megahertz frequency. ultrasound as the "wirelessly" means of healing. Nature 2014

This qi-infused saliva as cerebrospinal fluid is swallowed, causing great heat in the belly. No food is to be eaten for a half hour after meditation and the qi energy is then absorbed into the small intestines through the back wall or pit of the stomach. As the Yuan qi increases then the internal heat increases. To quote Jerry Alan Johnson,

...the disciple will **notice intense heat suddenly begin to radiate** from within his Lower Dantien, caused from the increased cultivated Generative Force (Jing) and Vitality (Qi) being stored within his lower Elixir Field. After some time of experiencing the intense heat (usually within a two week time period), the Lower Dantien will suddenly begin to vibrate, causing the entire body to shake. p. 553, Daoist Alchemy chapter



biophotons In Vivo imaging have 2nd Harmonic Generation - higher frequency light from "imaginary mass" of superconducting delocalized water protons (Yuan Qi) from piezoelectric collagen resonance.

Frank Znidarsic discovered that at 10 microns, the wavelength of collagen, inside atoms the speed of light slows down to ultrasound frequency. So the speed of sound inside the fluid of the molecules actually becomes the “quantum transition” energy to resonate photons and to split water into superconducting proton-proton Yuan Qi energy. The lecithin gets ionized into a nonlinear quantum relativity soliton so that increased piezoelectric collagen pressure actually causes the denser lecithin to travel at faster speed and higher frequency of energy as increased qi energy.

The Thermodynamics of Thought: Sound pressure and solitons pdf 2013

The crystal strains (expands or contracts) when a voltage is applied. When the voltage is reversed, the strain is reversed. This is known as **the piezoelectric effect**. Oscillation is sustained by taking a voltage signal from the resonator, amplifying it, and feeding it back to the resonator. The rate of expansion and contraction is the resonance frequency and is determined by the cut and size of the crystal. **The output frequency of a quartz oscillator is either the fundamental resonance or a multiple of the resonance, called an overtone frequency.** Most high stability units use either the third or fifth overtone to achieve a high Q. Overtones higher than fifth are rarely used because they make it harder to tune the device to the desired frequency. A typical Q for a quartz oscillator ranges from 10^4 to 10^6 . The maximum Q for a high stability quartz oscillator can be estimated as $Q = 1.6 \times 10^7/f$, where f is the **resonance frequency in megahertz [ultrasound]**.
Fundamentals of Time and Frequency pdf

So basically this process is reversed for alchemy training - gravity differential pressure of the standing “moving of yin and yang” exercise on the collagen and bones resonates piezoelectric ultrasound energy so that the vagus nerve to the inner ear creates ringing as indication of the kidney jing energy. There is a nonlinear feedback between ELF waves and ultrasound waves and quantum consciousness and qi or prana.

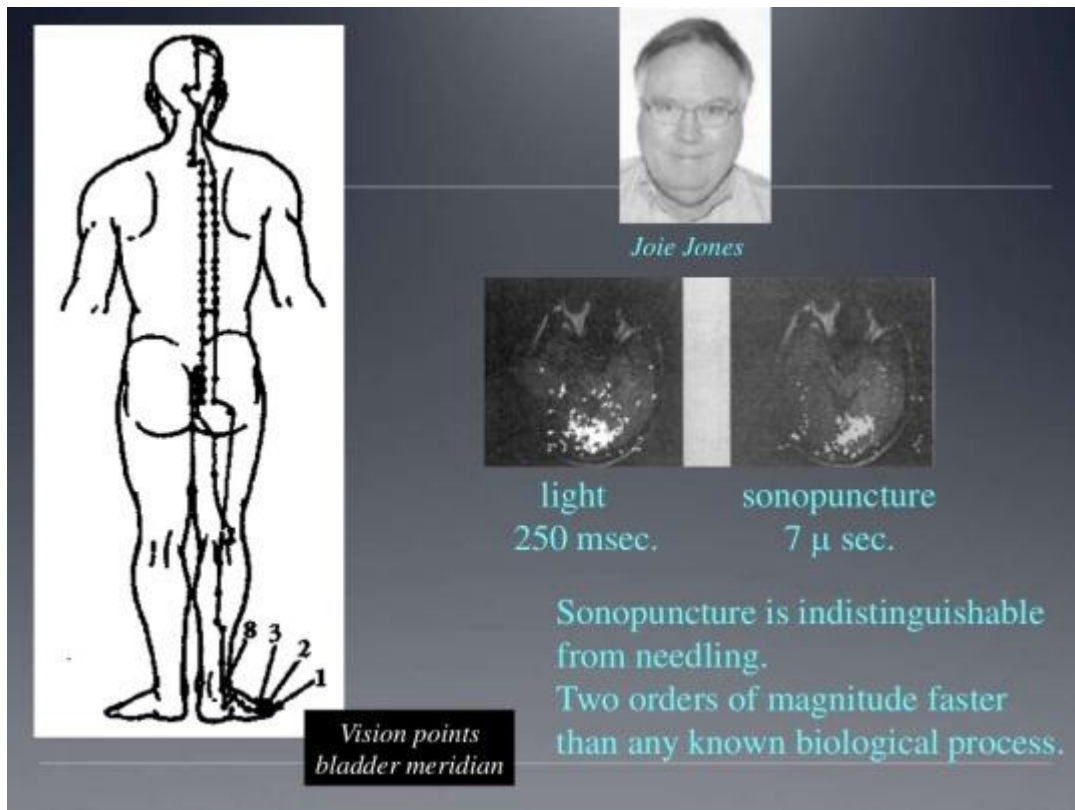
For example:

Electroacupuncture (electrical stimulation of acupuncture points) with high-frequency (100–200 Hz) stimulation provides rapid-onset analgesia that is not cumulative and cannot be blocked by naloxone. This type of analgesia is probably mediated by norepinephrine, serotonin, and dynorphins.⁴⁷ In contrast, low-frequency (2–4 Hz) and medium-frequency (15–30 Hz) stimulation produces an analgesic effect that is reversed by naloxone (and therefore presumably mediated

by enkephalin and endorphins), has a tendency to accumulate, and lasts at least an hour after treatment ceases.^{45,47}

Dr. Mae-Wan Ho:

...**ultrasound emissions** from mechanoelastic vibrations caused by electrical pulses applied to the tissues. Muscle physiologists have long detected **sounds from working muscles**, but have treated them as distracting noise when electrical or mechanical signals are being recorded.... the memory of our body, inhering in the liquid crystalline continuum, were to exist in a quantum holographic form.
Rainbow and the Worm, p. 192, p. 195



The image is a composite graphic on a dark background. On the left is a white line drawing of a human back and neck, with eight points labeled 1 through 8 along the bladder meridian. To the right is a small portrait of a man with glasses, identified as Joie Jones. Below the portrait are two circular images: the left one is labeled 'light 250 msec.' and the right one is labeled 'sonopuncture 7 μ sec.'. Below these images is a block of text in light blue: 'Sonopuncture is indistinguishable from needling. Two orders of magnitude faster than any known biological process.' At the bottom left of the composite is a black box with white text: 'Vision points bladder meridian'.

Ultrasound at 50 microwatts/cm squared activated acupuncture point as quantum coherence

Dr. Mae-Wan Ho:

On that basis of **the 100-fold difference in electrical conductivity along the fibre** compared to that across the fibre, it would be expected that collagens fibres will align in the direction of the applied electric field. Julian Haffegge in our

laboratory has confirmed this, and has achieved the first **successful alignment of collagen fibres under self-assembly by weak electromagnetic fields.**²⁴

This work has important implications for wound healing and regeneration, as the movement of cells are known to be guided by oriented collagen fibres in the extracellular matrix. *Rainbow and the Worm*, p. 190.

People can use

ultrasound machines

with the effect of:

Vigorous heating, or an increase of 4°C or more, has been suggested to alter the viscoelastic properties of collagen and **inhibit sympathetic activity.**¹⁰⁻¹³

Laozi's notion of chapter 41 of the *Tao Te Ching* that **"the highest note cannot be heard"**

As the original qigong master says in this interview - Qi machines do not have love and life force energy.

The highest note we hear externally as a ringing pitch, is actually the subharmonic of internal ultrasound that resonates the quantum consciousness microtubules of the collagen.

Dr. Joie P. Jones has used fMRI to document ultrasound activation in the toe acupuncture point triggers the occipital vision - just as strong as shining light in the eyes - pdf on Ultrasound Acupuncture (see image above).

Monitoring neural vascular function with Doppler ultrasonic imaging provides unexpected support for the **brain ultrasound demodulation theory. When the imaging beam was focused at the center of the brain, patients reported hearing a high audio sound, much like tinnitus.** When the ultrasonic beam was directed at the ear, the sound disappeared. Setting the brain into resonance resulted in a clear high-pitch, audible sensation consistent with brain resonance in the 11- and 16- kHz range....Because ultrasound produces high audio stimulation by virtue of brain resonance, the direct use of high audio stimulation is more economical in power requirements and still stimulates the brain at resonance. Dr. Martin L. Lenhardt, "Ultrasonic Hearing in Humans: Applications for Tinnitus Treatment," *International Tinnitus Journal*, Vol. 9, No. 2, 2003, p. 3 and p. 6.



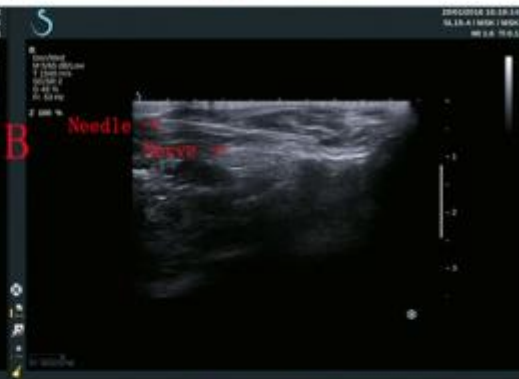
Vagus nerve activation via Ear electrical stimulation - shown to improve memory and decrease implicit emotional racial bias

Dr. Stuart Hameroff has provided the biological connection to quantum consciousness via the ultrasound resonance of microtubules (

Discovery of quantum vibrations in 'microtubules' corroborates theory of consciousness

2014) - collaborating with quantum cosmologist Roger Penrose. Dr. Hameroff has even tested his own brain, reporting increased bliss from ultrasound treatment.

Low-intensity pulsed ultrasound treatment improved the rate of autograft peripheral nerve regeneration in rat



One of the Qi healing training schools emphasizes instead of increasing jing hormone energy, the qi school increases “nerve fiber” axion growth. Sure enough science has as of 2016 proven the key to growing nerves:

LIPUS of 250 mW/cm² significantly **induced faster rate of axonal regeneration.**

As Dr. Hameroff details - the quantum microtubules in neurons switch between classical and quantum realms, (i.e. quantum chaos) just as music uses different frequencies, but ultrasound has the strongest amplitude resonance with the non-local quantum entanglement as consciousness.

An overview as of 2015 of the various medical devices as vagus nerve or brain stimulation, with their various problems.

The Nada (inner sound) Yoga describes it as thus (

Merging with Shiva, Hinduism's Contemporary Metaphysics

, 2004):

When you can see a white light aglow in your head in a darkened room, or even see

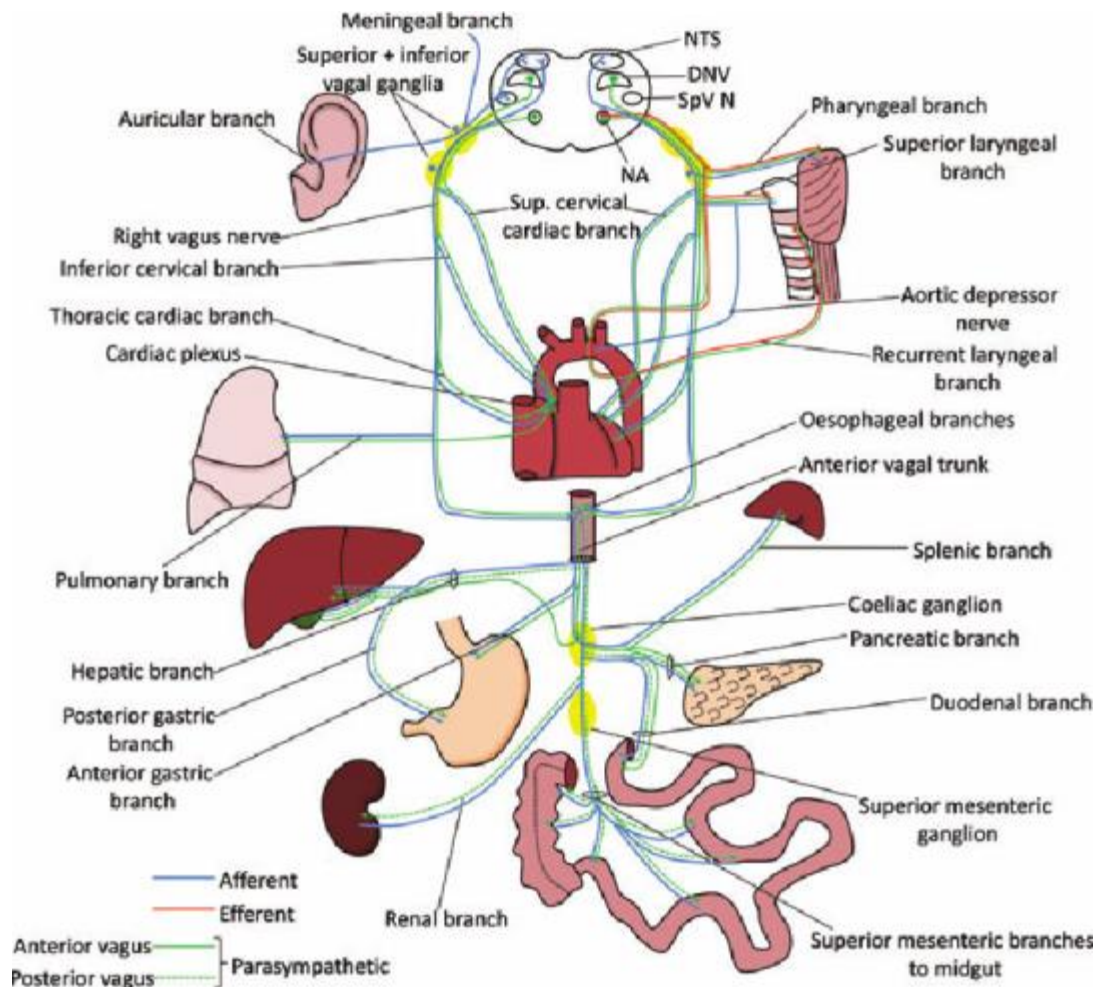
a flash of it, or hear the inner, high-pitched sound, “eee,” humming in your inner ear, then you know that you are consciously functioning in the subsuperconscious state of mind. Devotees who have had their first flash of white light in their head or heard the constant high-pitched “eee” in their inner ear have awakened the process of the subsuperconscious state of mind, and it works quite automatically after that.



Figure 1: Auricular acupuncture.

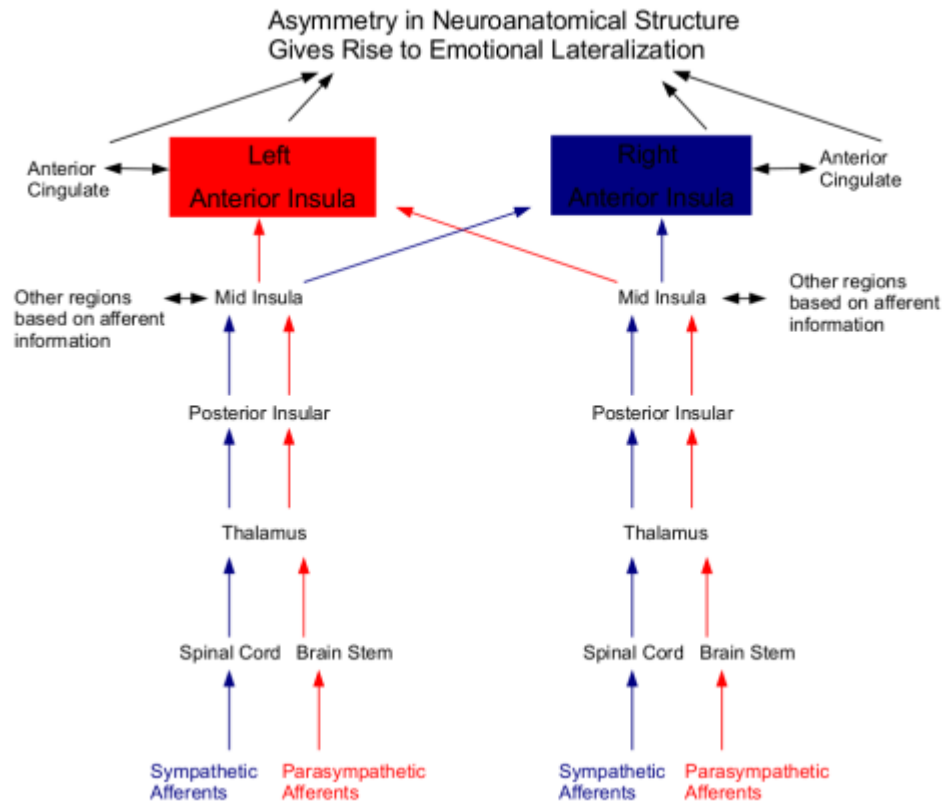
Vagus nerve stimulation shown to treat depression, 2015

The key secret of the alchemy training is not only to inhibit the sympathetic nervous system activity - or to not "reverse the voltage" - but instead as a parasympathetic oscillator to keep building up the qi charge. So at first then the right side of the brain is "emptied out" by the right side vagus nerve pumping up the lower body blood and cerebrospinal fluid, via the increased adrenaline and dopamine from strong reverse breathing. Then at extreme sympathetic nervous system "shaking" (either in full lotus with legs numb or horse stance with thighs parallel to ground) there is the extreme parasympathetic rebound that triggers the internal vagus nerve orgasmic kundalini emission (not sympathetic ejaculation) of fluid into the brain. This increases serotonin into the pineal gland, to increase the qi energy and then the biophoton shen.



Left side kundalini vagus nerve has “efferent” energy away from brain to heart

As this process continues it converts dopamine to serotonin via the left side vagus nerve going down from the **left side of the brain to the heart**, thereby clearing out the left side “conceptual” mind as the cerebrospinal fluid begins to overflow out of the nasal sinus cavity into the mouth, infused with qi-shen energy. This then converts serotonin to increased oxytocin of the heart.



Asymmetric Afferent Emotional Healing: The Parasympathetic Afferent Nerves cross over from the right side of the body to the left side via the third eye, going down as the left side efferent vagus to the heart

pdf link

This overflowing brain cerebrospinal fluid is then swallowed, creating great heat in the “pit of the stomach” and then no food is eaten, so the qi then passes through the back stomach wall into the small intestines as the lower tan tien energy. So for example the hunger sensation is caused by the left side vagus nerve going from the front of the stomach up to the brain, as an afferent nerve, while “flexing” the sphincter muscle activates the right side vagus nerve to pull the energy down the front and up the spine. The parasympathetic nervous system goes to the testes and sphincter while the sympathetic nervous system goes to the erection as ejaculation.

As Thomas McCombs describes in his

Anatomy of Alchemy

presentation:

McCombs Posits:

- NeJingTu is describing the mixing of genital venous blood with cranial venous drainage
- Genital venous blood carries secretions with potent chemicals
- Mixing genital blood with blood draining the Pineal & Pituitary would expose these glands to these secretions
- NeiDan techniques *deliberately enhance genital venous drainage into Batson's Plexus, from there upwards into the cranium, from there back into the abdomen as saliva*



As the

Huang Di Nei Jing Su Wen

(

Yellow Emperor's Canon of Internal Medicine

) states, when the 12 channels (modeled as 12 rivers) are filled up with qi, then it overflows into the Ren Mai (conception vessel or Jen-Mai) and Du Mai, (governing vessel or Tu-Mai), as the "small universe" or microcosmic small heavenly orbit.

Physicist engineer Wing Y. Pon quotes the *Nei Ching*, Yellow Emperor Classic on Traditional Chinese Medicine

:

The theory may be compared to the plan of a Sage in designing the map of waterways which, when full, will flow into the deep lakes; by the same token, when the Ch'i fills up the master meridians, it will flow into the eight extraordinary meridians and stop circulating through the twelve master meridians. When the extraordinary meridians are under attack of the vicious Ch'i, which blocks up circulation, it will give rise to swelling and hot sensations, which should be treated by stone needles.

This is the key secret of the full lotus yoga Taoist 49 day no sleep, no food cave meditation as building up the parasympathetic qi energy. To quote Wing Y. Pon again quoting a TCM doctor:

The Eight Extra Meridians are capable of regulating the functions of the twelve Master meridians by way of a number of special points and also through their close and complicated connections with the Master Meridians.

Out of the Eight Extra Meridians, the Du Mai and Ren Mai are the most important Yang-Yin pair. First of all, the acu-points for the other six extra-meridians are subsets of the 12-organ meridian acu-points.



Energy goes up the spine and down the front of the body.

The advanced stage of Taoist Alchemy as detailed in

Taoist Yoga: Alchemy and Immortality

states no salt is allowed in the diet, thereby having no negative ions that increase the sympathetic nervous system, with the potassium maximized against the sodium.

Both a French and a Japanese scientist, Louis Kervan and George Ohsawa, showed how sodium can be transmuted into potassium with the addition of oxygen [quick fire breathing] and...electrical energy! The Sonobioelectronic and Sonobioelectrogravitic Nature of Life...

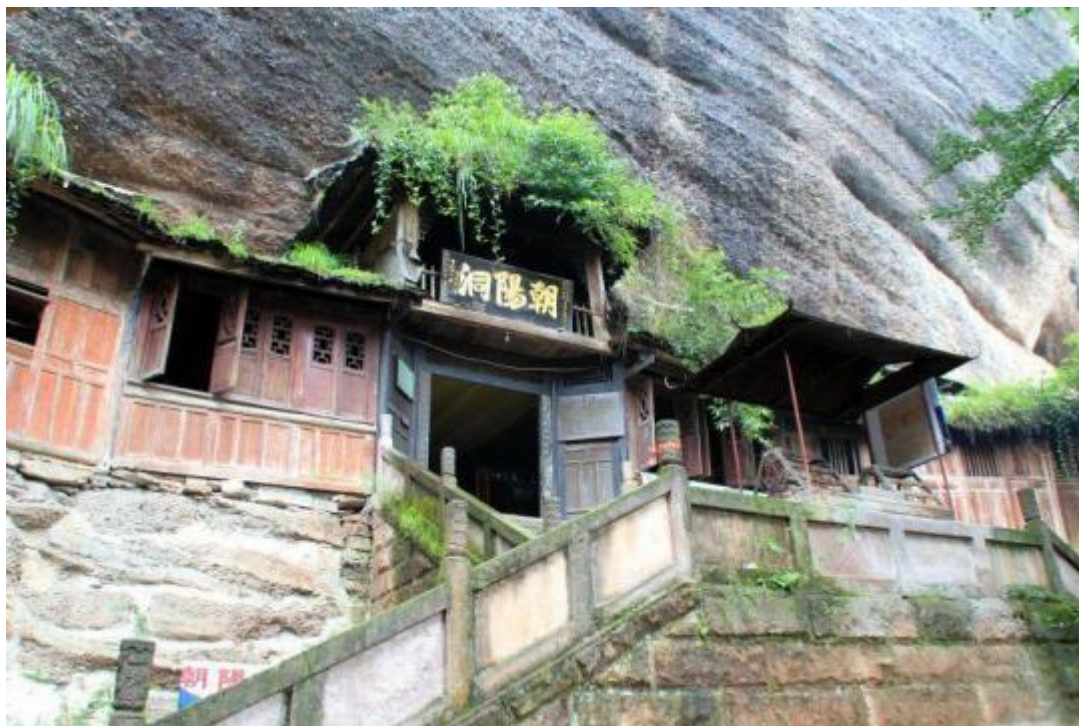
Cave meditation is called “converting jing to qi” with constant full lotus meditation, no sleep for a month as the original qigong master did at the origin of Taoism and Tai Chi, the sacred Mt. Qingcheng

As a part of their training, all the Lineage holders of ' Fire Dragon Shen Gong were brought

into the secret “Fire Dragon Cave” on Mt. Qingcheng. There, they did the **“49 days Ritual Purification Fasting”** under the personal guidance and instruction of their own Master. As a result, they reached the highest level possible. Following in these footsteps, Master Yuanming Zhang has been brought into the Fire Dragon Cave once every three years, since he was 3 years of age, by his Master. The cultivation during these times began at midnight on August 15, the full moon day.

What follows is a description by Master Yuanming Zhang of what one feels like when performing the 49-day fast in the cave. “During the first week, you will feel like you are near a volcano or having a Sauna. You will sweat a lot and with the sweats the whole body and mind will be cleansed and purified and all the ill “Qi” and “evil spirits” will be dispelled.

In the second week, you can feel as if the lower Dantien were a Volcano or steel-smelting furnace, with bright-red energy flowing to all parts of your body. Instead of sweating, the hot feeling in the abdomen rises upwards.



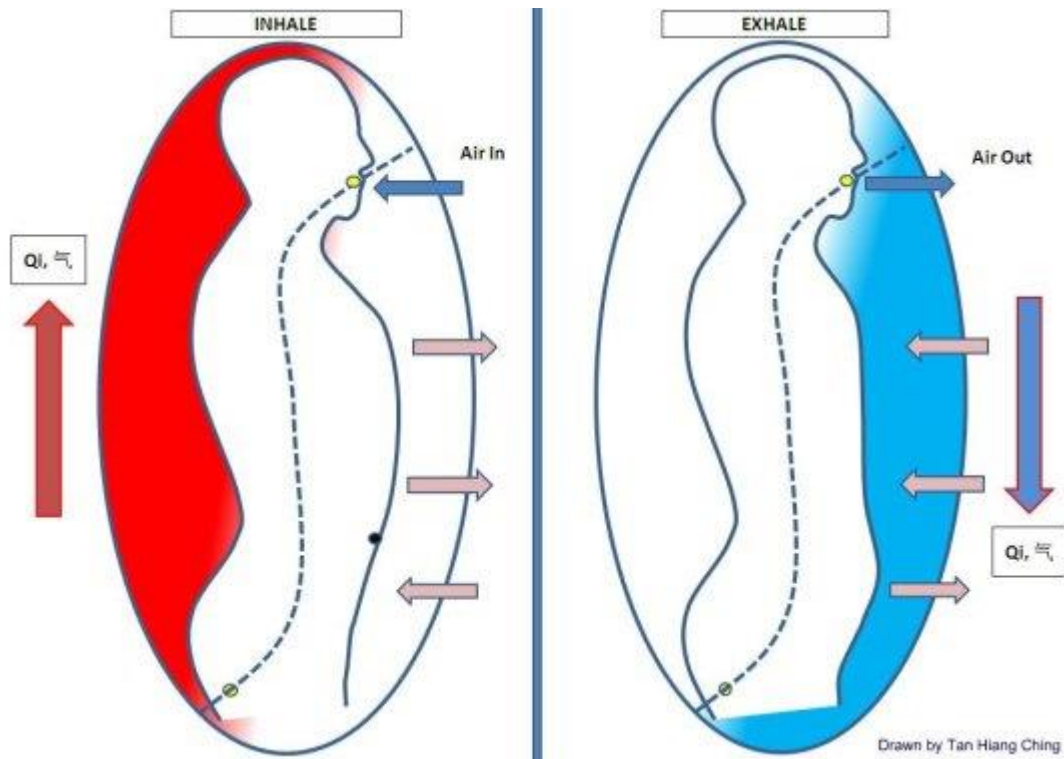
Chao Yang Cave, Mt. Qingcheng has 8 large caves, 72 small caves, home of alchemy Taoist training

The third week brings the feeling that genuine Qi in the abdomen is turning into a fire dragon floating along the circulation track of the body's energy channels. All the energy channels and meridians open up, the circulation of both microcosmic and macrocosmic orbits is running smoothly; It's as if one's entire body is floating in the space. The happiness and "lightness" of being in this "fairylane" cannot be expressed in words.

By the fourth week, the third eye will be opened and special abilities appear. You can actually see the fire dragon travelling along the body's energy channels when you "look" inside the abdomen. When your master emits energy directly to your Heavenly Eye Acupoint, you will see a bright red and yellow colour spot gradually growing into a "FireOcean" in the darkness. Colourful scenery can be seen with mountains, rivers, pavilions, buildings, birds, animals and Immortal Images from ancient times. It's exactly the feeling of being linked with Universal Spirit and Energy.

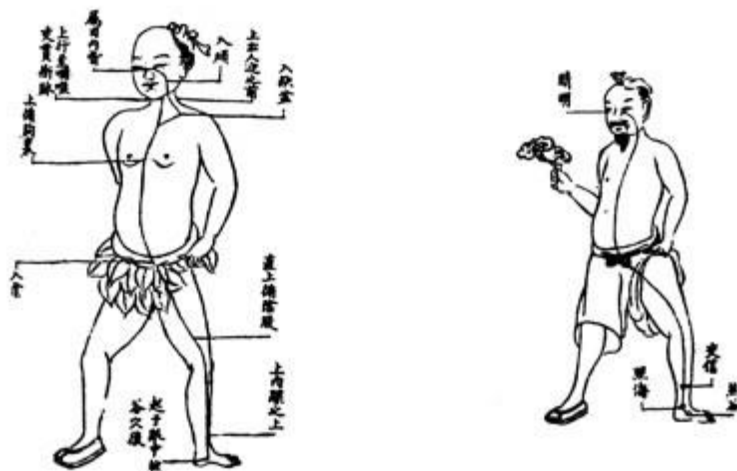
Over time, you can receive the highest level energy from "viewing" those scenes. This leads to improvement your health, develops intelligence and opens latent abilities. After the 49 days Cultivation, 80% of practitioners are able to see the "Qi light" in the sky with their naked eye. The "Qi light" looks like sperm and ovum. Master Yuanming named this "Qi Light," "Dragon Sperm." A few people can even see a giant dragon image in the sky." Qi Magazine pdf

The original human culture Choma or Tshoma month-long trance dance male puberty N/om training requires no salt in the diet. The Bushmen diet was overall very low salt. In Celtic shamanism the fey (meaning spirit light fairies) despise salt. Fey is the etymological origin of the word faith. Too much salt over-activates the stress sympathetic nervous system, thereby shutting down the build up of qi through the parasympathetic potassium nervous system. During the trance dancing the males at height of puberty, have very little food.



Reverse Breathing or Pressure Breathing

So ideally a person could stand with the thighs parallel to the ground, without any shaking, and this would mean the yin qi is filled up in the lower tan tien - and the parasympathetic nervous system is storing up the qi energy. The yin heel channels have been filled up!



Yin Heel Vessel leads to the "Ocean of Yin Qi" below the navel

That is the first stage of the training and most never reach it. You would be able to stand for two hours nonstop without any shaking with the thighs parallel to the ground! This is the training the original qigong master did at Shaolin - every day like that for three months.

https://encrypted-tbn3.gstatic.com/images?q=tbn:ANd9GcSbfQ5qI-S9Ipf7bUM71TCQpduLXUnizBwnYN0uwF-TKgIA_vK8

After Yin Heel qi is filled up then 2 hrs nonstop every day like this for 3 months!

Now when qi is “discharged” or transmitted externally this means that the stored up parasympathetic nervous system energy has been switched to the stress sympathetic nervous system. “It’s unbelievable!” says Gerhard H. Eggetsberger, biochemist and technical head of the Institute for applied Biocybernetics and Feedback Research, in Vienna.

“This man [qigong master Mantak Chia] is able to change his electrical skin resistance in a split second from 60 Q up to 6080 Q and to lower it down again. We even know how he does it – through a kind of sympathetic reflex. This means that *he can simply switch from the Nervus Vagus to the Nervus Sympaticus*. An untrained body would never do this as completely as he does this. We are scientifically proving spiritual knowledge that is 6000 years old!” (Through the Power of the Inner Smile, <http://Universal-tao.com>)

Another example is the amazing “psychic” tested in the Soviet Union: Ninel Kulagina,

As this documentary on Soviet paranormal research states:

- she felt a sharp pain in her spine, her vision blurred, and her heart beat rose to 240 beats per minute -

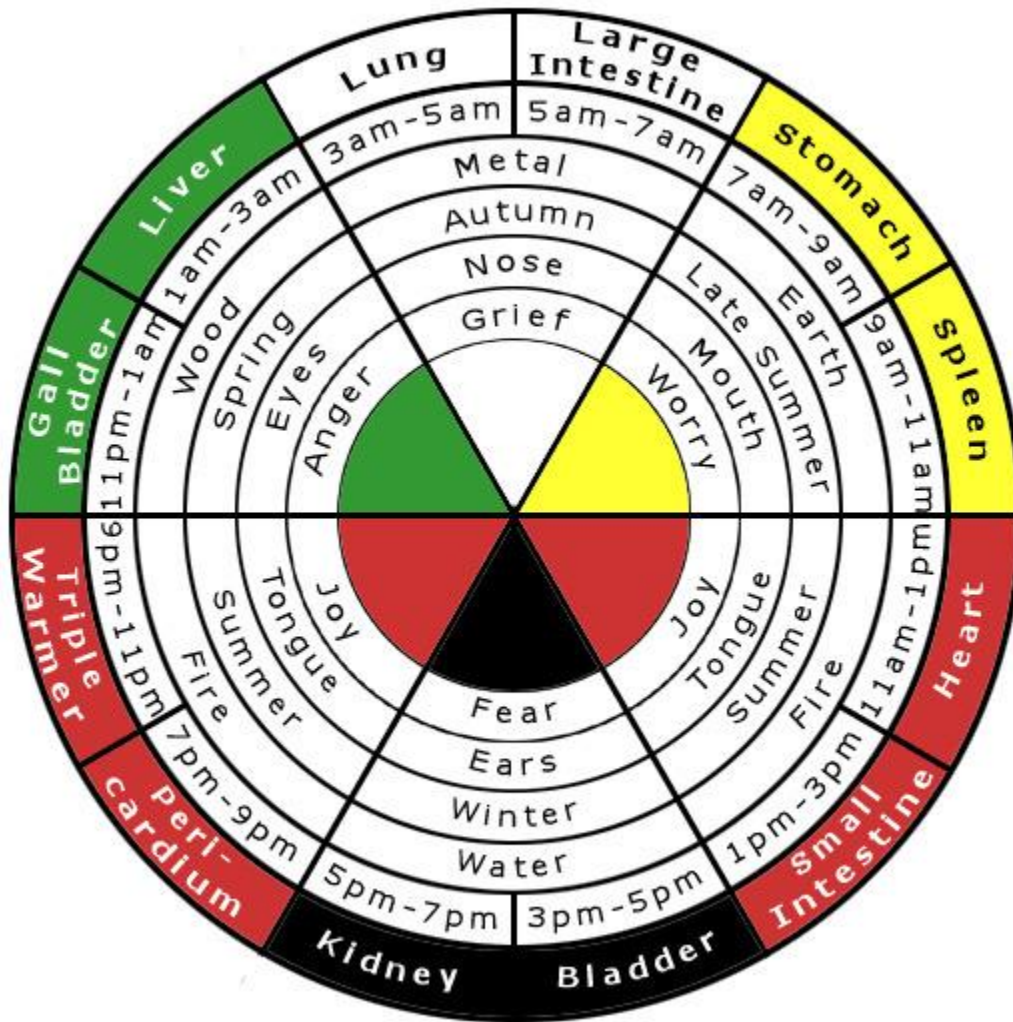
Just as with qigong masters the close-minded skeptics have been debunked regarding Ninel Kulagina.

“every physical measure revealed a profound stress reaction.”

This is why the qigong training completely relies on the emotional energy as the sympathetic nervous system is activated by lust, by anger, by fear, by sadness and worry - the lower emotions, each for a different organ. Anger is liver, lust is reproductive, fear is kidney, sadness is lung and worry is pancreas. It is through the parasympathetic nervous system that a hyperpotential is built up.

https://1.bp.blogspot.com/proxy/6s910Ab-u5PxeFaZR0nDI-5h2OHepLuMbc0B5eLStmJ5F98B1P7lpnlS5F4qYxkVml7lcnd42RQW4ygHQF6Erty4WQZtwdM5T1-Dy4NI8pXaEQ4s0vT1XIKO2bvT_12wE3P1tg=s0-d

This parasympathetic shift can be readily achieved through meditation and deep breathing techniques. A pleasant facial expression is associated with this state and yellow shading throughout the figure help illustrate hyperpolarization 2015



12 organs, 12 meridian channels, 12 infinite Perfect Fifth/Perfect Fourth yin-yang small universe Taoist alchemy time-frequency infinite energy as stored up parasympathetic hyperpolarization qi energy

“But, without the powerful parasympathetic function, all the internal organs can not work properly. It is like the appliances working under a low electric power supply. Each organ must store sufficient parasympathetic bioelectricity you call it 'Yin Chi' such as the 'Liver Chi', 'Kidney Chi', 'Heart Chi'..., so that the

sympathetic nervous function in each organ can convert the bioelectric energy into 'work', output of forces or products.” Newman K. Lin, Ph.D., PE.

And so the real alchemy training relies not just on a relaxed nervous system but more so on a relaxed mind as that is the source of the nervous system - a relaxed heart mind. And so we find that the qigong masters and other spiritual healers, as studied by several sources (

Tesla

,

CIA mind control scientist Dr. Andrija Puharich

,

Dr. Bob Beck pdf link on ELF Schumann psychic resonance

, Dr. William F. Bengston and

Luke Hendricks on Schumann ELF healing energy pdf

etc.), actually

transmit electromagnetic energy

that is 1000 times stronger than the normal heart electromagnetic energy.

This entrainment of the harmonics to be in-phase (or phase coupled) was observed to occur during the healer's bursts of 7.81 Hz EEG activity seen with the bispectral coupling and spectral harmonics. (Hendricks, 2010).

Dr. Elmer Green, a pioneer in biofeedback therapy at the prestigious Menninger Foundation found similar results:

pdf

At one of our Congresses, in which Elmer gave his Hans Selye Award lecture, "The Detection and Measurement Of Subtle Energies", he repeatedly demonstrated that a healer's energy could produce changes of 80 volts or more in EEG tracings of an invisible subject seated 10 feet away in an enclosed and shielded booth.

Both

qigong master Yan Xin (pdf)

and qigong master

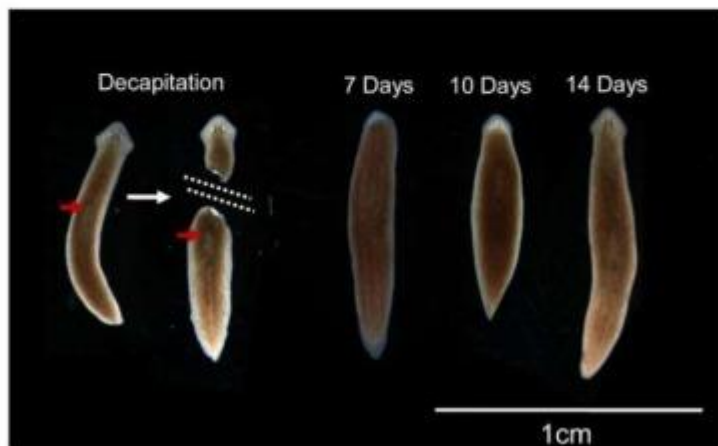
Yuanming Zhang have been proven to achieve long distance qi transmission

:

In order to convince the skeptics and further qigong's development, Yuanming Zhang has also submitted himself to close scientific scrutiny. When hooked up to sensitive measuring devices during external qi emission, researchers at Shanghai's Fudan University detected a concentration of energetic particles that was three times as high as regularly present in nature. Lab technicians at Xian's Northwest University observed significant changes in a chemical target solution when he emitted external qi thousands of miles away in Shanghai.

Memory Storage

- Is memory localized? Persistence of long-term memory after head regeneration



Shomrat & Levin, Journal of Experimental Biology 216:3799-3810, 2013

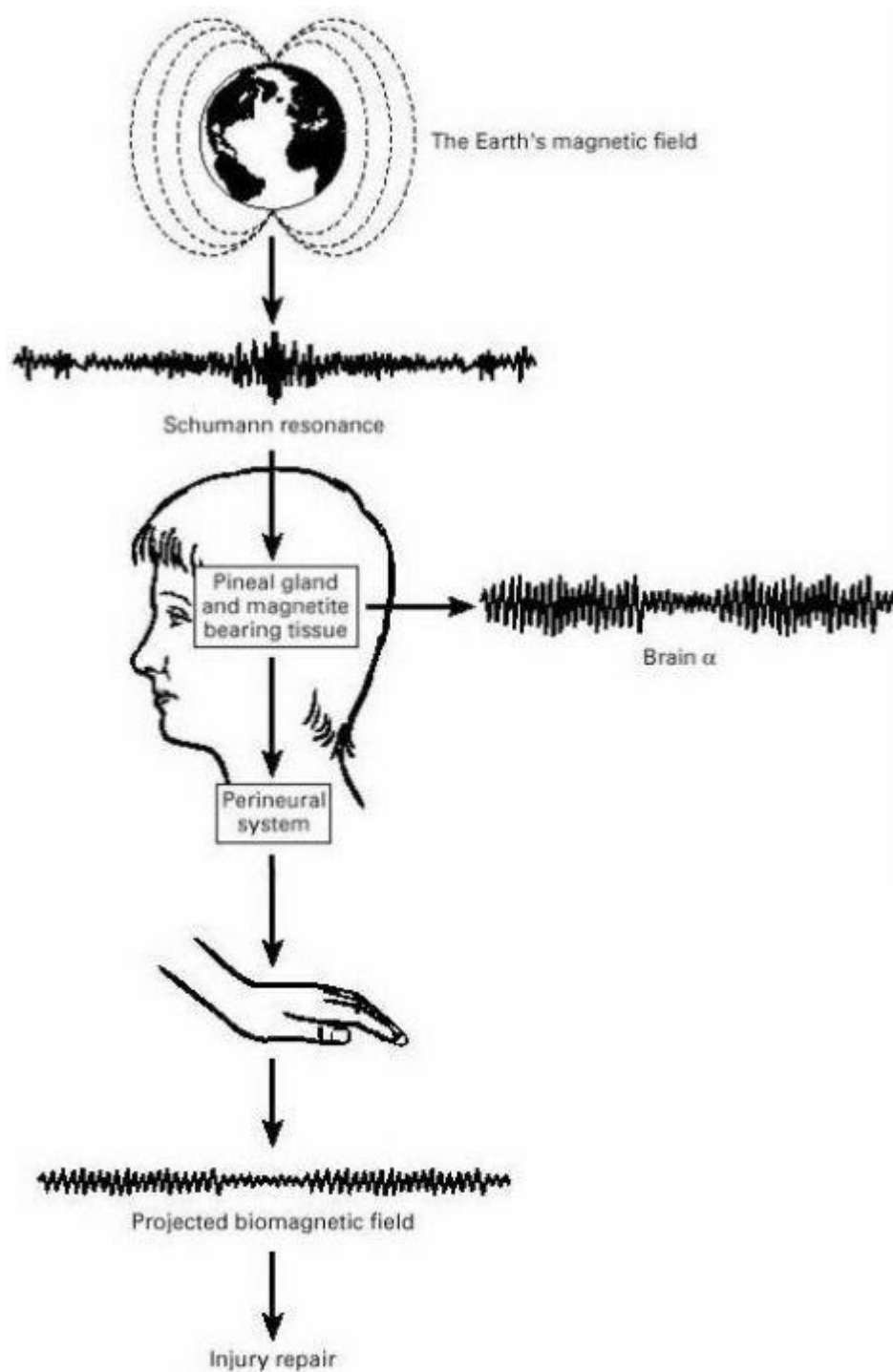
Quantum holographic Yuan Qi proto-consciousness memory storage aka trans-metamorphic memory

So as CIA mind control physiologist Dr. Andrija Puharich discovered this as the Psi-Plasma or the proto-consciousness of the universe - from Tesla's sound-wave ether discovery:

Thus the head neurons see the following signal: 20 KHz [ultrasound] + 100 Hz [ELF] = 20,100 Hz:20 KHz - 100 Hz = 19,900 Hz. The 20,100 Hz and the 19,900 Hz beat against the center frequency of 20,000 Hz and the result is the deaf person "hears" 100 Hz. Certain proton nuclear ELF magnetic resonant (NMR) signals in the nervous system may be of this nature where **the actual perceived signal may**

be a side-band signal....These side-bands are due to ELF proton-proton spin couplings. Such proton-proton spin couplings may have great importance in memory induction.... The effects all add up to **a phonon-pumping mechanism working on the unit hydron. We would expect that the end product of this action (before splitting of the water molecule occurs) is to stimulate the emission of photons, or the true PHASER effect....**It is known there is a spin/spin: proton/proton magnetic coupling of 8 Hz which is a fundamental constant.

And we find that the Earth's ELF waves are also 1000 times stronger than the normal heart electromagnetic energy. Finally we find that the brain resonates with the Earth's ELF waves when the brain is in the theta to alpha brain waves - and that alpha brain waves also peak the serotonin levels in the brain.

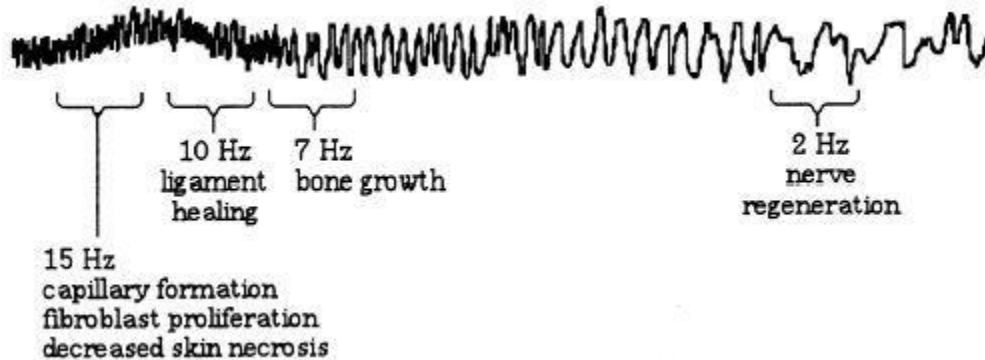


The universal 7 to 8 Hertz “shaking medicine” documented by Dr. Bradford Keeney, is a standing wave Schumann Resonance.

Schumann Entrainment qi healing:

In the early 1980s, Dr. John Zimmerman (1985, “New technologies detect effects of healing hands.” *Brain/Mind Bulletin*, 10, 3.) began a series of important studies

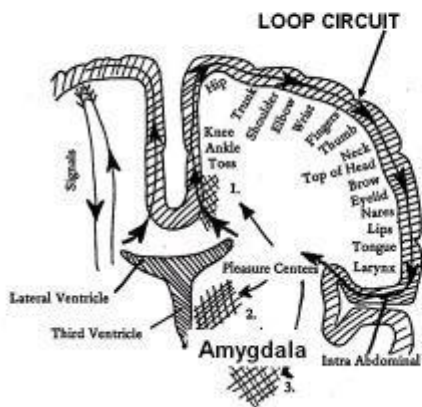
on therapeutic touch with a SQUID magnetometer at the University Of Colorado School of Medicine in Denver (Zimmerman 1990)...The therapeutic touch signal pulsed at a variable frequency, ranging from 0.3 to 30 Hz, **with most of the activity in the range of 7-8 Hz.**



Qi Energy healing Signal recorded by Dr. John Zimmerman

Seto et al (1992, Detection of extraordinary large bio-magnetic field strength from human hand during external qi emission. *Acupuncture & Electro-therapeutics Research*, 17, 75–94.) confirmed that an extraordinarily large biomagnetic field emanates from the hands of practitioners of a variety of healing and martial arts techniques, including Qi Gong, yoga, meditation, Zen, etc. The fields were measured with a simple magnetometer consisting of two 80,000 turn coils and a sensitive amplifier. The fields had a strength of about 10^{-3} gauss, which is about 1000 times stronger than the strongest human biomagnetic fields (from the heart) which are about 10^{-6} gauss and about 1000 000 times stronger than the fields produced by the brain.... **As in Zimmerman's study, the biomagnetic field pulsed with a variable frequency centered around 8-10 Hz.**

Itzhak Bentov's Model: Kindling the Kundalini



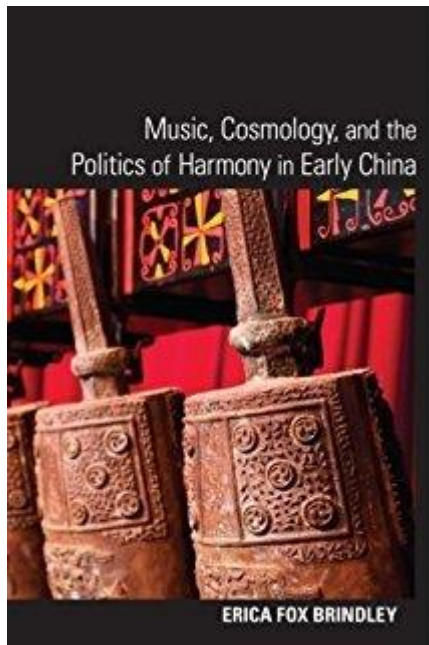
Sitting immobile in meditation, the pumping heart creates micromotions in the upper body. This will stimulate an electrical loop circuit in the sensory Cortex oscillating at 7Hz (the Theta frequency). This current creates the physical symptoms experienced in Kundalini Awakening. It also stimulates the Amygdala which is very sensitive to kindling. From here it spreads to the Hippocampus, the occipital lobes and finally to the frontal lobes, awakening the whole brain.

leg shaking at 7 to 8 hertz alpha-theta resonates Earth's ELF waves through heart-mind

So all these factors converge to reveal the secret of how the Tai Chi trance dance training resonates the Earth's energy based on this fundamental "moving of the yin and yang" exercise which also converts the lower emotional blockages the quickest and most effectively to store up the qi energy. So the original qigong master who teaches this "moving of yin and yang" exercise says it should be done three times more than the sitting meditation at the preliminary level of qigong training. I like to do it several times during the day as an exorcism of the yin jing into yang jing or yin qi energy.

Dr. Shin Lin pdf on science and tai chi-qigong:

"The higher the conductance, the better the indication that the person is healthy. We measured all 12 meridians, corresponding to the major organs of Chinese traditional medicine. "On the average, the increase in the conductance of these meridians measured at the jing well points would increase by as much as 35 percent after practice [15 minutes of either Tai Chi or qigong]. **This is a huge change.** And these are very precise measurements." In contrast, he said, the same people when asked to ride a stationary bicycle for the same amount of time before the test of conductance experienced a very small change in conductance. It was very small, less than five percent, he said. When the participants lifted weights as part of the test, he said, there was almost no change in conductance.



The Five Tones music qigong are from the Perfect Fifth/Perfect Fourth as Yin-yang cosmology

So we should start the morning with the “moving of yin and yang” exercise or Tai Chi, then in the evening before dinner, and then before meditating at night. Just to clarify - the goal is to clear out the colon before the night meditation, since the leg shaking with the Tai Chi pushes the dopamine desire (lust) to its extreme so that an opposite extreme of serotonin (sublimation) flushes out the colon. So when the colon is cleared out then you get a win-win of also exorcising the subconscious desire. So with the thighs more parallel to the ground, the legs shake, the thighs get sore, and you push the sympathetic to the extreme to activate the opposite extreme.

<http://www.criticalimprov.com/article/viewFile/943/2393/10420>

Perfect Fifth as subharmonic is 2/3, C to F, while Perfect Fifth as overtone is C to G, 3/2: Secret of Yin and Yang

Professor Dr. Shin Lin UC-Irvine Los Angeles CBS May 10, 2016 t.v.:

“Our research shows when you move in this repetitive way, you actually generate more neurons in the part of the brain called the hippocampus,” Lin said. “Some of those neurons suppress the stress response.”

Lin said he found in a study of senior citizens that participants who did tai chi for six weeks built up antibodies to shingles equivalent to study participants who did not practice tai chi, but instead got vaccinated

Similarly science has shown a dramatic increase in stem cells from Tai Chi, from Lin Hsin-jung, a neural surgeon and head of China Medical University Beigang Hospital in southern Taiwan:

The researchers concluded that the tai chi practitioners saw their individual **stem cell counts increase by increments of three to five times.**

Regular tai chi exercises helped the subjects with heart function, reinvigorated neural cells in the brain, balanced excitement and inhibition controls, and helped with mental trauma and nerve exhaustion, Lin said. cover story of 2014 medical journal

And

other research, 2015

:

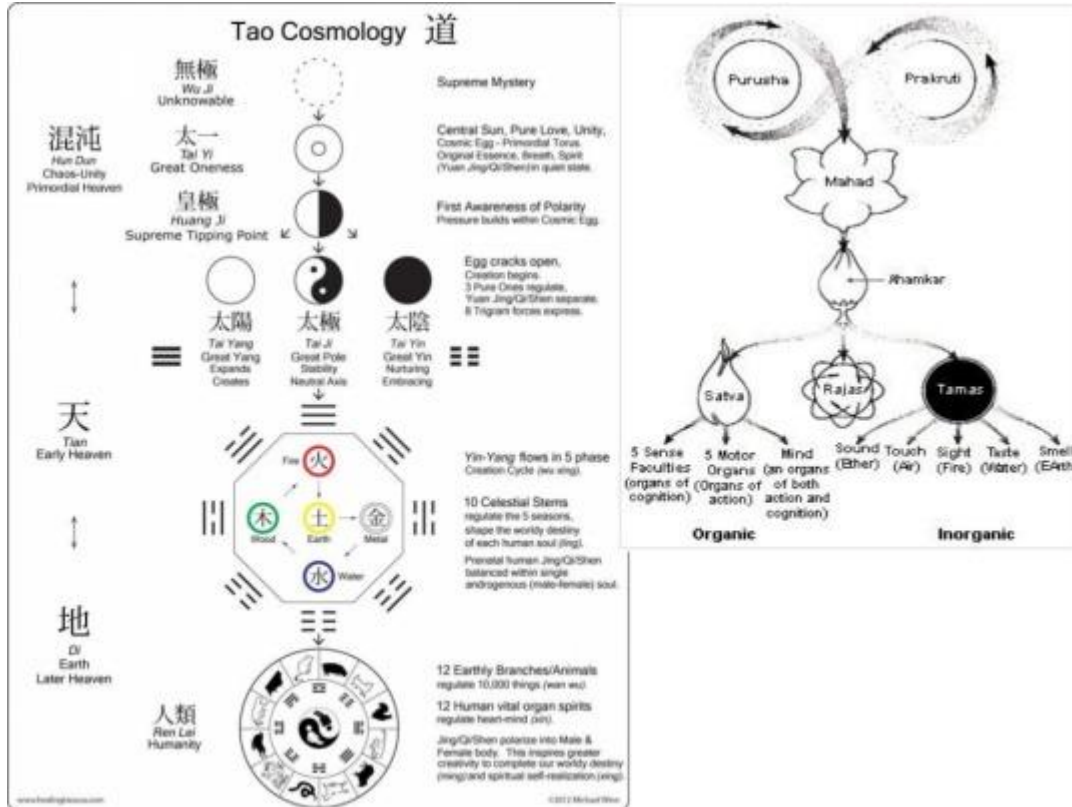
“ELF resonance fields stimulate embryonic stem cell differentiation and demonstrate the synergistic effects of a physical stimulus (EMF) with a biochemical stimulus (differentiation media).” and “...obese (Ob/Ob) mice lose their weight and fat when treated with 0.5 T direct current electromagnetic fields. We also observed that 7.5 Hz, 0.4 T rotation of extremely low frequency magnetic fields (ELF-MF) has an inhibitory effect on obesity.”

https://ia600504.us.archive.org/BookReader/BookReaderImages.php?zip=/27/items/sciencemusic00jean/sciencemusic00jean_jp2.zip&file=sciencemusic00jean_jp2/sciencemusic00jean_0198.jp2&scale=8&rotate=0

Physicist Sir James Jean notes the “true clock face” of time-frequency as harmonic Perfect Fifths is infinite!

Now a lot of people get hung up over words - Chigong, qigong, alchemy, neidan, neigong, Nei Kung, Daoyin, Reiki, Yoga, pranayama, shamanism, trance, meditation, Voodoo, sorcery, magic, wizardry, etc. But the whole point is that through this training you are able to get beyond words to empty out the conceptual mind. Doing the standing “moving of yin and yang” exercise with the legs shaking 7 times per second is the fastest way to empty out the lower emotional blockages that possess the left-brain conceptual mind. Sound as harmonic vibrations beyond just music, infrasound and ultrasound, that ionizes hormones to create qi and shen energy is the universal music model of alchemical shamanism:

But the **fifth** is a given of the **Chinese pentatonic scale** (possibly symbolized by five dots in the center) and is omnipresent in Daoist cosmology as the **first female (2) and first male (3) number**, as cited previously in verse 42 of the Daodejing. - Michael Winn



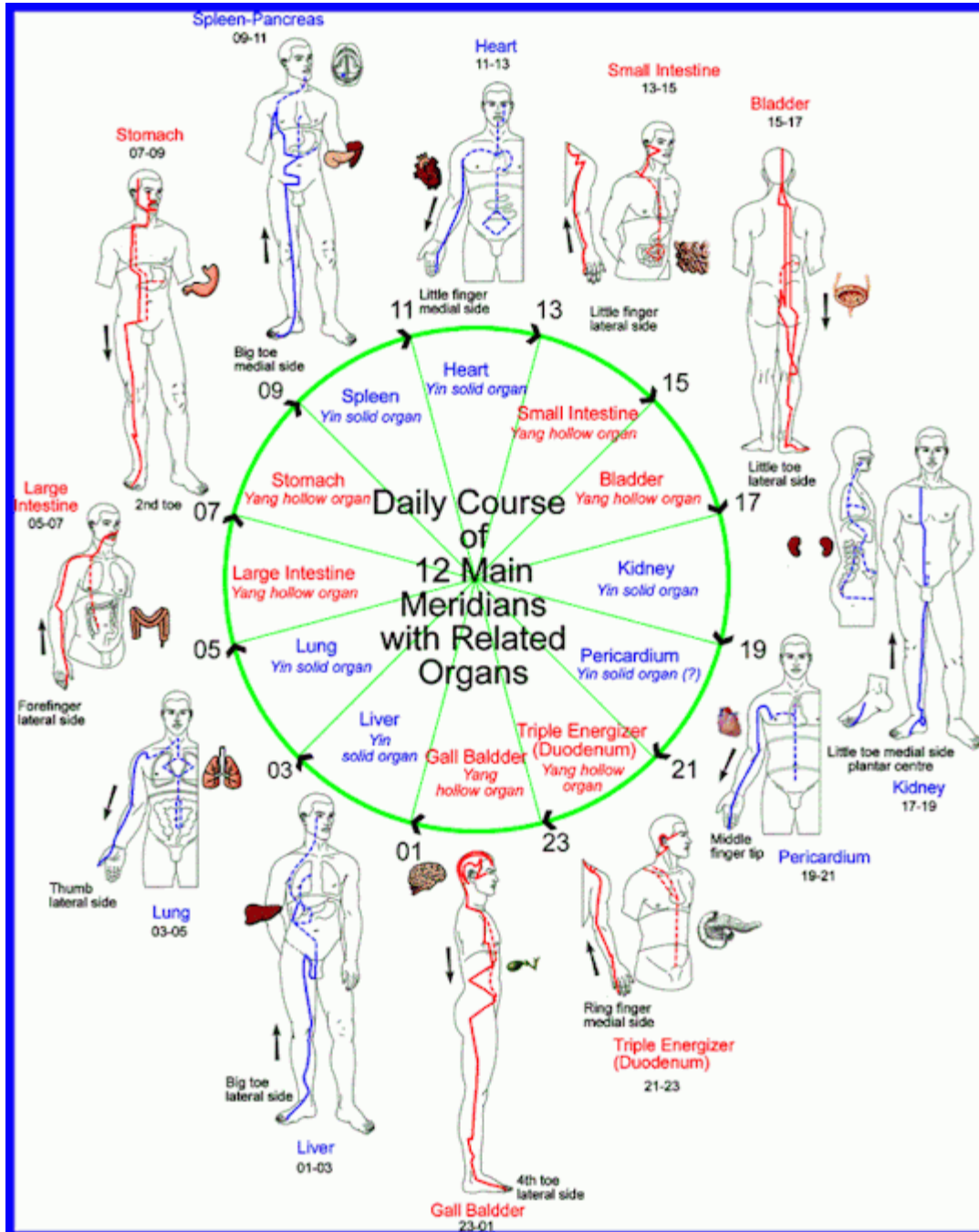
The Metaphysics of Medicine and Music

: 3 in 1 unity from time-frequency harmonics, India and China

Such a conclusion was arrived at by Claude Lévi-Strauss (1950) from a consideration of so-called 'empty referents' — words such as mana, wakan, manitou, and orenda — which are found in many languages throughout the world, and variously translated as 'medicine' or 'sacred power'. However, as Lévi-Strauss noted, the same words are also used to refer to anything new or strange — anything for which no other word can be found. In this sense they are not unlike empty referents in modern English, such as 'thingummy-jig' or 'what's-it', or, even better, the American 'oomph!' (implying that a woman has 'got something' beyond the power of words to express). Lévi-Strauss was greatly intrigued by the curious fact that a word that referred to the most powerful creative force in the universe — as conceived in indigenous cosmologies—could equally be used to refer to anything currently unnamed....Empty referents thus stood for the

primemover in the creation of a humanly-conceived cosmos and, at the same time, were the direct progeny of the first linguistic utterance. Charles Whitehead, *The Human Revolution 2008 pdf*

As qigong master Yan Xin points out with the standing exercises the brain empties out whereas during the sitting meditation the brain focuses on visualizing the energy movement. Standing moving exercise is called “cultivating” the qi (building it up) while sitting meditation is called “harvesting the qi.”



When the Yin Qi is filled up then the body channels open up.

So the brain is very active when the body is passive and vice versa. haha. It's funny because qigong master Yan Xin says if you suddenly get a flash vision energy message to sit in full lotus then you should act on that light energy and move your body into full lotus! Yan Xin says that too much emptiness meditation does not then build up this qi energy and so just the "dead tree zen" emptying out of the conceptual mind as mental focus is dangerous for older people. Visualization is again the foundational secret of converting the jing to qi energy as it is the shen that consciously sublimates the jing energy into qi energy.

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Taoist Yoga: Alchemy and Immortality relies on the 12 nodes as infinite time-frequency resonance: pdf link

So then we have four factors - jing, qi, shen and Emptiness. The Emptiness is this eternal process of unified alchemical energy transformation. The shen under the jing (fire under water) creates more qi but the process entails all the parts at the same time.

Thomas Widlock pdf

the singing of the women is an important way through which the (usually male) dancers receive num (Katz, 1982: 295). Katz, R. 1982. *Boiling Energy: Community Healing among the Kalahari !Kung*. Harvard University Press, Cambridge, Mass

Music is then the unifying factor in this training as sound expresses the jing emotional energy and music as frequency is right brain dominant as visualization and music as timing is left-brain dominant as body movement.

Bodies swayed to music: The temporal arts as integral to ceremonial ritual
2009 pdf

by Professor Ellen Dissanayake:

Behaviours such as dancing vigorously to rhythmic accompaniment excite sympathetic neurophysiological structures and eventually lead to **parasympathetic rebound** (an effect of the body's tendency to maintain homeostasis), which induces an 'altered' state felt a trance or ecstasy.

For example, sustained slow repetitive activity such as chanting or contemplative prayer stimulates the **parasympathetic system and, when pushed to very high levels, the inhibitory effect opposite to that for sympathetic arousal** occurs with a similar emotional effect of ecstasy, boundary loss, or 'flow'

This process of intense music meditation (

internal listening or Ting Jing

) through trance dance and visualization is the means to the Emptiness.

Goodman's work shows that "compounds indicating stress, namely, adrenalin, noradrenalin, and cortisol, dropped, and at the same time there was evidence that the brain started synthesizing **beta-endorphin, the miracle painkiller of the body**, which is also responsible for the intense joy felt after a trance. The EEG exhibited not the famous alpha waves, so well known from meditation, but a **steady stream of the even slower theta waves**, usually seen only in bursts shortly before a subject goes to sleep...."

Goodman, F. D. (1990) *Where the spirits ride the wind: Trance journeys and other ecstatic experiences*. Bloomington: Indiana University Press.

[https://4.bp.blogspot.com/-](https://4.bp.blogspot.com/-lq1ZL3q3LwM/V2gnSP2Bkfl/AAAAAAAAA8/zx03IYRchOcN3T4i2zvLXvD12TYq6UmiwCK4B/s1600/image1%25281%2529.JPG)

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"Small Heavenly Circuit" Secret Reason Why There Are 12 nodes along the body as foundation of alchemy meditation!

And so then we learn that the "small universe" or "microcosmic orbit" or "small heavenly circuit" meditation is the foundation of the sitting alchemy training - and why?

Just as with listening to music, qigong visualization is proven to be right-brain dominant.

Because the 12 energy nodes of this meditation are really based on the 12 hours of time from the "water clock" in China - but in meditation as emptying out or slowing down the conceptual word left brain (time) through right brain visualization as increasing the frequency.

Conjugating time and frequency: hemispheric specialization, acoustic uncertainty, and the mustached bat 2015

As qigong master Robert Peng

explains

:

Since all the 12 meridians cross the path of the SHC [small heavenly circuit], the energy cultivated through this practice flows into the rest of the body, feeding and harmonizing the internal organs with high-quality Qi. The benefits of the practice are endless since it is said that practicing SHC is like doing all the other meditation practices at once.

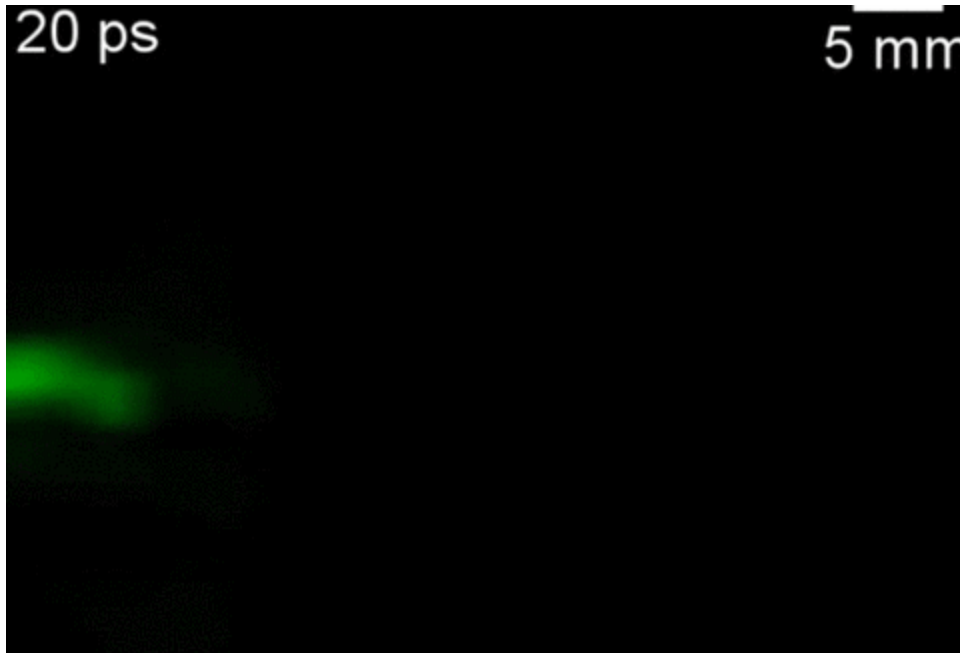
<https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcRX1MuT81A9Q4NpEjqKCTQzkBN2ppnrvtbjpbk8Cc0yOh3-fP2Hag>

All human cultures use the Octave, Perfect Fifth/Perfect Fourth natural resonance, the secret of infinite time-frequency energy

Objective music is all based on 'inner octaves.' And it can obtain not only definite psychological results but definite physical results. There can be such music as would freeze water. There can be such music that would kill a man instantaneously. The Biblical legend of the destruction of the walls of Jericho by music is precisely a legend of objective music. Plain music, no matter of what kind, will not destroy walls, but objective music indeed can do so. And not only can it destroy but it can also build up. In the legend of Orpheus there are hints of objective music, for Orpheus used to impart knowledge by music. Snake charmers' music in the East is an approach to objective music, of course very primitive. Very often it is simply one note which is long drawn out, rising and falling only very little; but in this single note 'inner octaves' are going on all the time and melodies of 'inner octaves' which are inaudible to the ears but felt by the emotional center. And the snake hears this music or, more strictly speaking, he feels it, and he obeys it. The same music, only a little more complicated, and men would obey it....

Objective art requires at least flashes of objective consciousness; in order to understand these flashes properly and to make proper use of them a great inner unity is necessary and a great control of oneself." Gurdjieff quoted in P.D.

Ouspensky, *In Search of the Miraculous*, p. 297–298



Superluminal, faster than light speed, “sonic boom” phonons of light

The 12 notes of the music scale as time-frequency resonance are scientifically in fact an infinite spiral of yang Perfect Fifths energy - the infinite spiral of fifths (not the logarithmic circle of fifths or “plain music” as taught in the West).

This “universal scaling system” music theory secret was rediscovered by top mathematician Alain Connes (“Music of the Quantum”) pdf

as Fourier Uncertainty or time-frequency uncertainty, arising from the fifth dimension of “noncommutative phase-space” that is the “time-like” oscillating wave origin of time-frequency energy (**F subharmonic = 3 = G overtone harmonic at the same time, as complementary opposites Yuan Qi energy**) as the source of quantum entanglement protoconsciousness:

“Before the idea of frequency existed, however, the same relation was expressed simply in terms of length, the length of a resonating agent multiplied by $2/3$ being equivalent to the frequency multiplied by $3/2$. The length of a zither string, then, multiplied by $2/3$ gives a note which when struck is a perfect fifth higher than its fundamental. This is the first step (or *lü*) in a process which evolves **an unending spiral of notes**. The length of the resonating agent which sounds the perfect fifth is then multiplied by $4/3$, the resulting note being a fourth below the perfect fifth ...” Joseph Needham, *Science and Civilization in China, Volume 4, Part I*, pp. 172–173.

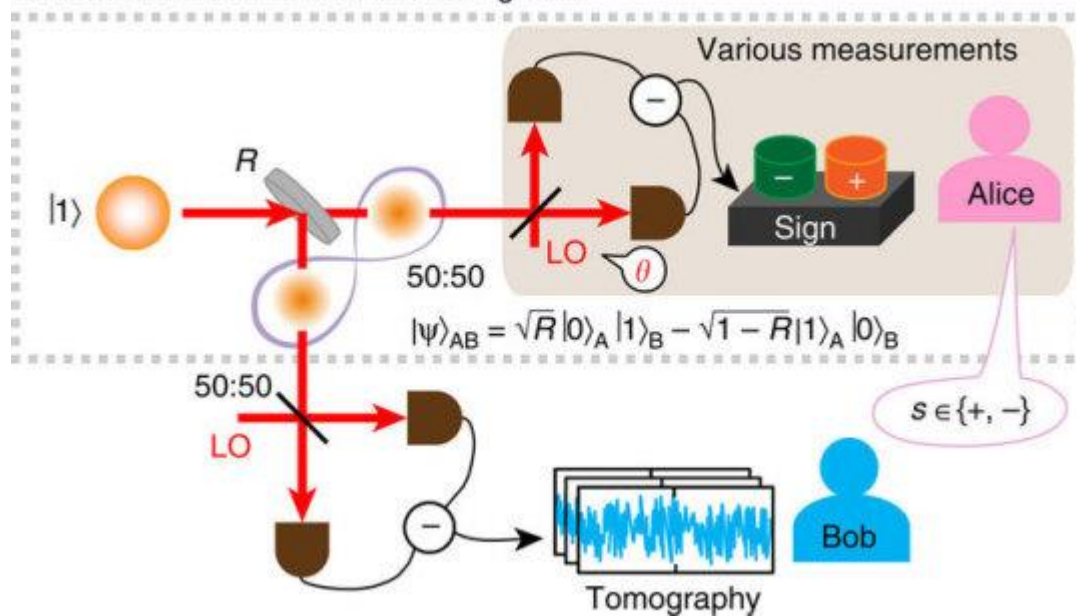
Music qigong master Shen Wu gives us the secret of the “heavenly tone” music origin of qigong

This alchemical secret is what Gurdjieff meant by “objective music” as alchemy training.

From the viewpoint of 5D field theory, waves of de Broglie type **have to be considered real**. ...de Broglie waves are better understood in 5D ...it would mean a “wavicle” is **two simultaneous realizations of flat [5D] space**, one with waves and one without.

So when time is zero, then frequency is infinite, at the speed of light, as a 5th dimensional phase-shift, creating the “fifth-force” as the de Broglie superluminal quantum entanglement phase wave, detailed by astrophysics professor Paul S. Wesson. pdf

Blackbox to Bob in an EPR-steering test



Noncommutative phase-space of single photon is in two places at same time zero

This hidden momentum is also called “heavy light” by physics professor Gerard t’Hooft and

M.B. van der Mark

(pdf).

It is not always appreciated that the De Broglie wavelength for quantum particles is a direct consequence of the reciprocal relativistic transformation of [mass =

$E/\text{speed of light squared}$] and [$\text{frequency}=E/\text{Planck's constant}$] while representing the same energy. Note that while the particle velocity is always below the speed of light, the De Broglie wave **is simultaneously associated with a phase velocity** [$\text{speed of light squared}/\text{particle velocity}$] **that is always higher than light speed.** ..[As light] The emitter, electromagnetic wave and absorber are part of the same indivisible single event [at zero time, zero space]. pdf

Also

B.G. Sidharth pdf

, just as with Paul S. Wesson, realized when light is a “photon point” at zero time, it is really a tiny bundle of **noncommutative phase-shift waves** in the 5th dimension, as formless awareness or Emptiness that can not be seen, called a quantum entanglement “

self force

” or private quantum force by physics professor B.J. Hiley.

Returning to the mass of the photon, it can be argued that this is a result of the non commutativity of spacetime at a micro scale. Sidharth

J.P. Vigiier calls it a “hypertube” inside light (pdf)

, again as faster than the speed of light, the de Broglie pilot wave.

According to [UC-Berkeley physics professor, now emeritus Raymond] Chiao, such superluminal tunneling implies a third kind of non-locality: **an observer** moving past the barrier at **close to the speed of light would infer that the particle exists simultaneously at both the entrance and the exit faces of the barrier!**

Chiao, Raymond Y. “Quantum Nonlocalities: Experimental Evidence.” in

Quantum Mechanics: Scientific Perspectives on Divine Action

, 2001, Ed. Robert John Russell, John Polkinghorne, etc. Center for Theology and the Natural Sciences

As Erik Verlinde models, this is the cause of dark energy phonons (the hidden momentum of light) as negative entropy or antigravity

, enabling levitation in deep meditation. In other words Yuan Qi creates a spacetime vortex as the Emptiness. And so the “yang shen” is from stored up virtual photons of the “yuan shen” projected as a container of matter - not mass. Light from relativistic mass has hidden momentum of stored up Yuan Qi phonons, that can be compressed in the lower tan tien, and then surround the Yuan Shen.

Taoist Yoga: Alchemy and Immortality

: The original spirit or yuan shen is the white light while the golden light is the spiritual fire that can destroy physical form to return to nothingness. The fa shen (essential body as these Yuan Qi phonons) causes the manifestation of the golden light. The physical body will absorb the essential body via the golden light and in three years time be turned into pure Yuan Qi...“sublimated into pure qi.” This is the manifestation of the yang shen that can take form in one place or scatter into a formless boundless body (fa shen as yuan qi).

In my master's thesis for my University of Minnesota master's degree I cited the research on how yang is the music ratio 3/2 and yin is the music ratio 3/4 with the Emptiness as the octave, as infinite spiral resonance:

Between heaven and earth, they say, there is perfect harmony. Now, 3 is the emblem of heaven, 2 is the symbol of earth. If two sounds are in the proportion of 3 to 2 [the perfect fifth interval], they will harmonise perfectly as heaven and earth. All the tubes were cut on the same principle, ... The lüs [notes] were divided into two classes, the yang lüs and the yin lüs... Everything in Nature belongs to one of these two grand categories, from whose combinations and reciprocal action results all that exists or takes place in the universe.” J.A. Van Aalst, *Chinese Music* (Shanghai: Chinese Imperial Customs Service, 1933), p. 8.

This craniosacral therapy site has revealed another secret:

So Lui (呂) is the character meaning spinal column, hence, it is directly related to our subject. This character has one more interesting meaning ‘frets’ (of musical instruments) (1,5,6), the construction of which is similar with that of the spinal column. We should also mention that Chinese musical scale is also called Liu Liu (呂律),

In India, the meditation focus of Kriya Yoga is similarly based on this secret of the infinite spiral of fifths, as the oldest yoga philosophy of India, Samkhya, is from Dravidian-Sumerian culture that spread into China and Europe.

The Quest for Divine Music by Suresh Chandra Dey:

Our whole universe is trigunatmaka, as it is pervaded by the three gunas...Therefore one gets a wonderful visualization of cosmogony, while doing the elementary Nada-sadhana, with the help of a tanpura, which is one of the oldest musical instruments....p. 82, As a result the first musical vibration (Spandan...) that has emanated out of the trigunatmaka

(relating to the three gunas), equipoise of Cosmic Nature - that alone is the AUM or OMkara....p. 266

22 notes of Indian scale from the 3 gunas as Tai Chi Tetrad - 1-4-5 music intervals or 1:2:3:4. The most common tuning for the four-string tanpura sets the first string at "Pa," the fifth degree of the scale, while the second and third strings are tuned to the tonic above, and the last string is tuned to the tonic below. We know that the most acoustically pure fifth arises from a 3:2 frequency ratio...tanpura tuning.

"Bandyopadhyay and his team will couple microtubule vibrations from active neurons to play Indian musical instruments. Consciousness depends on anharmonic vibrations of microtubules inside neurons, **similar to certain kinds of Indian music**, but unlike Western music which is harmonic [commutative logarithmic]" Hameroff explains (*Science News*, 2014)

Tuning the Brain talk video by Hameroff June 2014 Dr. Hameroff:

In my imagination I see microtubules as a kind of musical instrument being played by the cosmic Casimir force. here and the Casimir effect, **due to the zero point fluctuations of the noncommutative complex scalar field**,....

So the Emptiness is the Octave as sattva, the Perfect Fifth is yang as raja and the Perfect Fourth is yin as tamas energy in Samkhya, based on the three gunas, the oldest yoga philosophy of India, from Dravidian culture.

As Yogananda describes Kriya Yoga, "The Kriya Yogi mentally directs his life energy to revolve, upward and downward, around the six spinal centers (medullary, cervical, dorsal, lumbar, sacral, and coccygeal plexuses) which correspond to **the twelve astral signs of the zodiac, the symbolic Cosmic Man**. One half-minute of revolution of energy around the sensitive spinal cord of man effects subtle progress in his evolution; that half-minute of Kriya equals one year of natural spiritual unfoldment."

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The notes of the scale as the energy points of the spine. Ref: Sriranga sadguru in "Amaravani"

"The 24 frets of the (Veena) instrument are analogous to the 24 cartilages in the spinal cord. The number 24 also relates to the 24 syllables in the Vedic Gayatri mantra."

Acoustic engineer and Vedic sound expert, Dr. M.G. Prasad.

The sympathetic nervous system goes up the spine with increase adrenaline while the parasympathetic nervous system goes down the front of the spine via the left-side vagus nerve to the heart, increasing the love oxytocin and electromagnetic spirit energy (qi-shen). The tongue against the roof of the mouth activates the vagus nerve of the front, activating the salivary glands and the sinus cavity where the cerebrospinal fluid, infused with qi energy flows down the throat, to be absorbed back into the small intestines through the back pit of the stomach.

Taoist quantum biologist Dr. Mae-Wan Ho explains that there are **over seventy octaves of time-frequency coherent or synchronized** harmonized natural resonance qi energy that she calls

“quantum jazz.” Dr, Mae-Wan Ho:

I have no doubt that at least some of the more esoteric things people ascribe to quantum effects are real, such as instantaneous communication at a distance, remote healing, etc. But we can push the boundaries from the very conventional toward quantum coherence of the organism, to complete quantum coherence of the universe.

In contrast to the plethora of symmetric Western math fractal resonance models, quantum jazz relies on the de Broglie Law of Phase Harmony as quantum relativity. When we “turn the light around” that means the shen spirit is a coherent laser as the speed of light squared, resonating the superluminal quantum self force as antigravity phonons or the de Broglie pilot wave, the noncommutative phase-wave of the 5th dimension.

https://4.bp.blogspot.com/proxy/yhO33GX23r5sxLBcWZtBPiK3YAE0vE6FKbmBOB SxGNpSqCnd1uaif3fdaPovHK_J67WoL20N-Y4tz1jqmpJ47SgUsuqCT_gnBwpDQZaNTnINahHDLNacKr5da3HOYbaWXYJJdw=s0-d

The Small Universe Meditation is the Noncommutative Empirically True Infinite Time-Frequency Spiral of Perfect Fifths is the Secret of Yang or Yuan Qi alchemy as complementary opposites yin/yang natural resonance

The Yellow Emperor, Huang Ti, in 2700 BCE, told Ling Lun to create the “infinite spiral of fifths” music tuning based on the Perfect Fourth music interval as yin and the Perfect Fifth musical interval as yang, according to the 240 BCE book, Lü-shih ch’un-ch’iu (

The Spring and Autumn of Lü Pu-Wei

). C to G natural harmonic overtone is the Perfect Fifth as $3/2$ while C to F natural subharmonic undertone is the Perfect Fifth as $2/3$. Both are heard internally - the ear does not hear the difference in meditation! as Yang Perfect Fifth through the noncommutative or complementary opposite harmonics of yin and yang alchemical resonance. Nonlocality as

noncommutative phase-space

, F as subharmonic is to C as G is the overtone so that $F=3=G$ in the same **5th dimension that is time-like**: noncommutative phase-space. This Pythagorean secret that I call the "Hempel Effect" was covered up since Plato and Archytas. **This noncommutative phase-space Yuan Qi formless awareness natural resonance** is not the same as the logarithmic fractal octaves of frequency energy typically promoted by the Rosicrucians or the Freemasonic New Age science based on the Golden Ratio fractals.

Let us draw up a fundamental vibration with its first and second harmonic overtones [1:2 and 2:3]...if we then shift the phase relationship, we get a totally different course of the combined curve; that is, of the pressure course [amplitude and frequency] which is apparently effective in the final analysis. When looking at both curves, **one might suppose that in the two cases we should hear two sounds that are just as different. But in fact our ear does not notice any difference.**

Biophysicist Vitus B. Dröscher states in his book,

Magic of the Senses

, p. 168

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The Perfect Fifth ($2/3$) phase-shifted as the Perfect Fourth ($4/3$) sound the same to the inner ear even when the phase changes the amplitude:

The Magic of the Senses

To put that in more recent research terms:

2016 Pitch Perception

By changing the phase relationships of a harmonic complex, **we can change the waveform envelope of the complex without changing its spectral content.** In

general, the pitch of resolved harmonics is F_0 [the fundamental frequency] and does not depend on the phases while the envelope cue is dominant for unresolved harmonics.

The slower your left brain time then the slower your breathing, increasing the right brain vagus nerve kundalini or N/om jing energy up to the brain, and the greater your increase in right brain frequency color. This is why the left ear is the Tiger Yuan Qi energy (the right side vagus nerve and the right hand energy). It is the phase shift of internal listening between the right and left ear that resonates the infinite frequency-zero time or its opposite as complementary opposites of white hole or black hole of spacetime yuan qi energy.

Physics professor Manfred Euler figured out this secret of hearing

:

Binaural hearing is the acoustic analog of the interferometer or double-slit experiments. The two ears can be regarded as an acoustic interferometer, which recovers the phase difference of signals between the two ears by binaural correlation....matter waves are locally in phase with the particle clocks (de Broglie's Law of Phase Harmony).

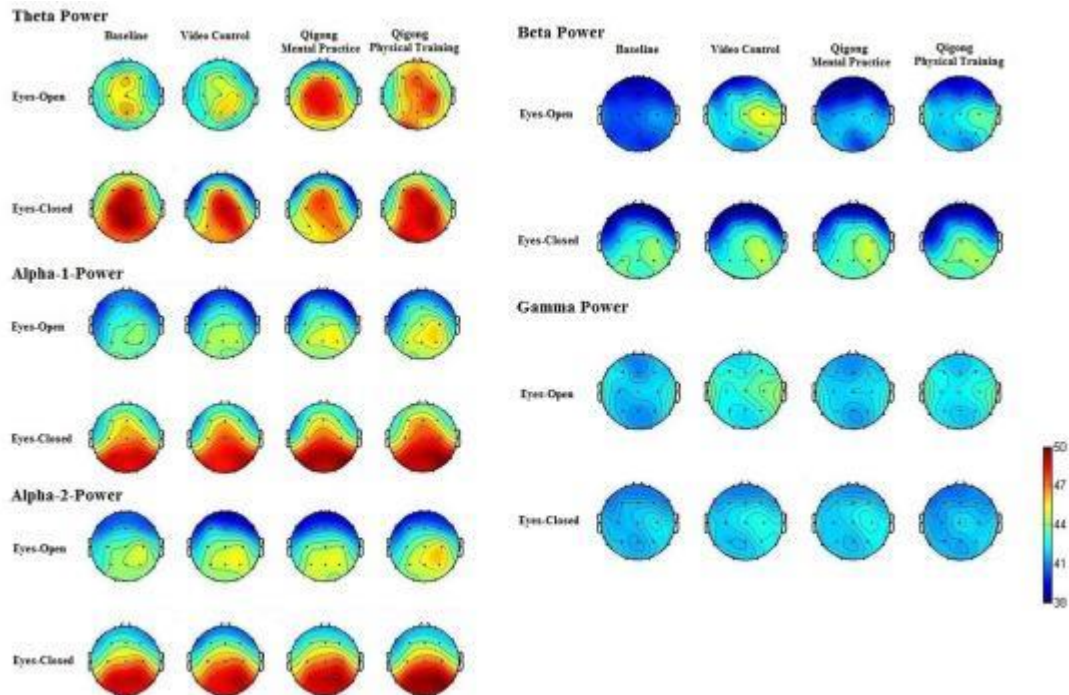
The clock runs forever so it's self-sustaining (consciousness-energy). It resonates with the quantum vacuum.

The harmonic beats creates dynamic energy. So then you have a "phase particle" that can be faster than the speed of light - superluminal - and a "mass particle" that is slower than the speed of light as the "group wave" of the "phase wave." The beats of the phase wave then are "in resonance" with the quantum vacuum - and so create mass from the massless field, explaining the Higgs mechanism. As internal hearing, there are ELF subharmonics as alpha-theta brain waves of the ultrasound harmonics of the quantum microsecond phase-shifts of the collagen neurons.

Virtual photons can be "captured" from the quantum vacuum

when nonlinear resonance bypasses time-frequency uncertainty, as does internal listening.

human hearing performs better than Fourier transforms can in simultaneous time-domain and frequency-domain discrimination.



Diana Henz on qigong increasing frontal theta brain waves

Taoist Quantum biologist Dr. Mae-Wan Ho gives details:

Some experimental findings show that the arrival times of sound pulses at the two ears can be discriminated with an accuracy of a very few microseconds [1]. For detecting a note in middle C, the phase difference in a microsecond is 4.4×10^{-4} . **Accurate phase detection is characteristic of a system operating under quantum coherence.** Could it be that phase detection is indeed a key feature of conscious experience?

This is why the ear resonates the kidney jing energy to sublimate and transform the yuan qi. This is also called the quantum $1/f$ resonance.

Quantum $1/f$ resonance 2014

As in other systems exhibiting noise, this power spectrum is not integrable at low frequencies, which **appears to imply infinite total power.** aka Quantum Vacuum thruster

pdf link on double unification of particles with fields and electricity with gravity by IE bulyzhenkov 2016

Phonons have nonzero “hidden momentum” as the “pressure of light” at rest, the reverse phase-shift of the anti-matter charge of electrons, protons and photons, as explained by David Griffiths of Reed College.

As qigong master Zhang Hongbao emphasized, it is the power of thought (yinianli) as faster-than-light “yin matter” that is the “golden key” (jin yaoshi) to the alchemy training

.

The ear collect the spiraling energy from the cosmos, this energy gives life to man, and we see this vitality in the light which shines forth from our eyes. Tibetan medical doctor.

So quantum relativity as per the Law of Phase Harmony is the Emptiness spacetime

noncommutative phase-shift

converting the high frequency quantum energy/low time into the virtual photons/low frequency bigger wavelength via increased stored mechanical momentum.

“I believe that consciousness, or its immediate precursor proto-consciousness, has been in the universe all along, perhaps from the Big Bang....In one such scheme proto-conscious experience is a basic property of physical reality accessible to a quantum process associated with brain activity....Let’s say the heart stops beating, the blood stops flowing, the microtubules lose their quantum state. The quantum information within the microtubules is not destroyed, it can’t be destroyed, it just distributes and dissipates to the universe at large.” - Quantum biology Prof. Emeritus Stuart Hameroff.

“By wu (non-existence) Dao An meant the Original Spirit or Breath (yuan qi) which he conceived to be a frame without form or phenomenon.” googlebook preview

The blue light is the color of the soul energy shining forth through the psychic lunar energy - the throat chakra - and the higher the frequency of light the greater the energy for healing. When the eyes are closed in meditation, then the microtubules resonate internal biophotons via the increased alpha brain waves.

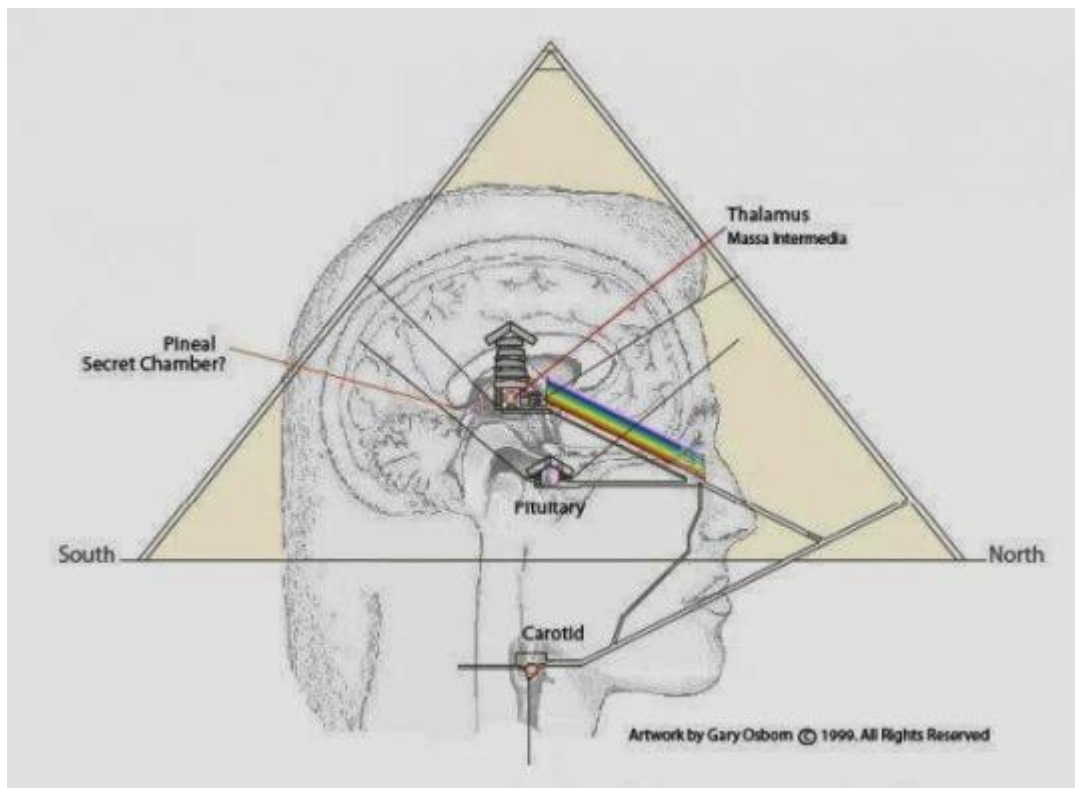
pdf

A significant relationship between the fluctuation function of biomolecules (due to the emission and absorption of biophotons) and alpha-EEG diagrams is elaborated on in this paper.

Blue light is serotonin energy which we find is the alpha brain subharmonic waves that then resonate with the Earth's ELF waves for strongest high frequency qi energy through the heart.

So the subharmonics of quantum $1/f$ resonance have greater amplitude as increased yuan jing energy:

The present paper calculates these **quantum fluctuations**, shows that they have a simple universal $1/f$ spectrum, and shows how they invariably come to the foreground, **being dominant at low frequencies**



In ancient Egypt, the harmonic ratio $2/3$ was considered most sacred and it is the secret of the “yang qi” alchemy resonance. The ancient god/goddesses of Sumeria were based on harmonic ratios and accessed using inner sound yoga.

https://4.bp.blogspot.com/proxy/BeMBQY-ytPgYfvJLqdavytdoizE-inMQd6P_E6GCxQwVUDK6grtIPg26j7ks9yNfaQi3IEL_inbtAuZCPBtH9k=s0-d

Hathor and Krishna are Blue because of the serotonin secret of lunar yin qi fertility

The oldest farming city is older than Egypt and Sumeria, with Harappan urban civilization starting around 5,000 BCE.

But collapsed due to urban disease, climate change, increased violence, etc.

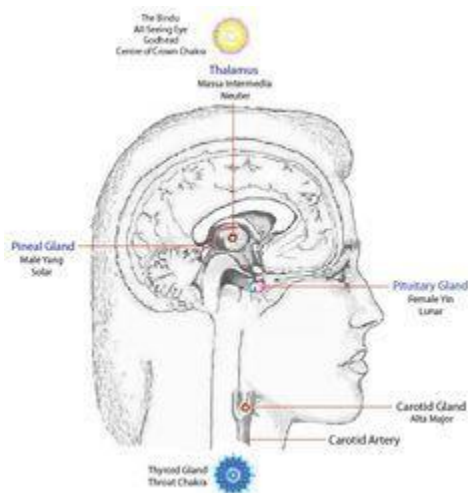
As I note in my

2012 free pdf book, "Alchemy of Rainbow Heart Music"

- archaeology has traced the ecological crisis of monocultural wheat farming back to at least 9000 BCE.

The original alchemy training uses gibberish words but the females sing and clap while the males dance around the fire and the original ritual trance dance music is the "Eland Bull" song from before 70,000 BCE based on female menstruation synchronization with the lunar cycle. Females are the original healers being "yang internally" and so the dopamine bliss converts to serotonin via the vagus nerve orgasm connection to the cervix. The orgasmic bliss deepens converting the serotonin to melatonin and oxytocin of the heart.

The love emotional energy then increases the oxytocin bliss to open up the heart but even that "over-excitement" bliss has to be transcended through the mental focus of internal listening to the origin of time-frequency itself. So we can never visualize the Emptiness itself yet the Emptiness expresses itself through light. The more we are able to store up the qi energy then the more the qi has the power to increase the shen spirit light energy to transform our jing energy which can then reverse time and see the future also. The Emptiness is then a spacetime transformation achieved with this unification of energy as alchemy. Ch'an Buddhism called this the "point of origination" (zero time light as 5th dimension formless awareness) and what the Vedic acoustic science calls "bindu." (secrets revealed on the Bindu chakra below).



Serotonin yin qi psychic lunar blue shen spirit light as throat chakra

So I was asked recently - do you need to be able to sit in full lotus to meditate? I said no but if you are meditating properly then you will be able to sit in full lotus. So sitting in full lotus shows that you are able to meditate properly. As Taoist master Wang Liping teaches only the full lotus is able to open up the nerve channels in the lower back to really sublimate the jing energy properly. Taoist Alchemy teaches us that the left leg should be on top as again due to the secrets of Taoism, the difference between the yin lower body and yang upper body, this left leg on top opens up the channels to store up the qi energy. It is medical doctor, Dao Qi alchemy Dr. Shuang Yan Guan Zhu who explains the psychophysiological details of

the complementary opposite secrets of padmasana

:

The figure clearly shows the celiac plexus or solar plexus is much larger on the right side. The plexus associated with the kidneys, the liver, the pancreas, and the testicular or ovarian arteries or nerves. These organs, especially the liver, the head of the pancreas, and the stomach deviate to the right anatomically. Since the ancient adepts in Qi or Prana practice, they felt the Qi or Prana movement is related to the nerves and ganglia. **The Qi accumulates more on the right and minimal on the left.** On the right, the kidney (renal plexus), is associated with Qi (nerves connection with Mingmen) of the solar plexus and the Qi of Mingmen. Hence, the right kidney, Qi communicates with Qi of Mingmen and solar plexus. The right kidney can rightfully call Mingmen (Qi). Whereas, the left kidney remain as a kidney. This phenomena can explain K. Pattabhi's explanation that "the right side first and left leg on top purifies liver; and the left kidney remains passive."

圖胎出



Secret Reason why Left leg (yang) is on top (embraces) right leg, to store up the qi energy.

I explained to my family member asking me about full lotus - the key is that it stretches open the lower back. Or as Gurdjieff said: modern humans, Western civilization, is controlled by the Kundabuffer - the blockage of the lower back. Or as Taoist alchemy teaches - the Yuan Qi originates between the kidneys and how to activate it? Again through visualizing the shen below the jing or the fire below the water - to then boil the water into steam which is then qi energy. When the qi energy builds up through meditation you can then sit in full lotus. A real qigong master can then sit in full lotus for as long as needed in ease. So we can trace the Bronze Age alchemy of “fire under water” to create steam as qi in the lower tan tien - all the way back to the Bushmen, the original human culture doing trance dance alchemy from before human language had evolved!!

In them [Bushman], **n/um was pictured as a covered fire at the base of the spine of the n/um** kxau, ‘possessors of n/um’, which was believed to become alive and hot by the dance. This, the dance and the dissociation wrought mental and bodily changes in them.

When we realize this basic foundation of practice it's called "Laying the Foundation" for the first half of enlightenment - the lunar psychic Tai Chi is experienced to open up the Third Eye. This is what the San Bushmen, the original human culture, describe when they say they can see spirits and smell disease as rotting burning flesh and they then heal people in this "post-death" trance state. I achieved this state for a few weeks in 2000 and I specifically had that experience - I saw spirits and smelled cancer as rotting flesh - and the original qigong master confirmed my enlightenment experience. The original qigong master said qigong masters can smell cancer as rotting flesh and as he healed the man who emanated this rotten flesh smell then the smell went away. Later that night the man had sex with a woman in the room next to me at the retreat center and I could barely stand the smell through the wall next to me, as the rotting flesh smell returned from his loss of energy through ejaculation!

The centers of my hands and feet and the top of my head all pulsated with qi!

If my legs went numb in full lotus I could just send qi out of my hands into my feet using the sword fingers. At this time in 2000 I had fasted for over 7 days taking only a half glass of water for the whole 7 days! But since I had not really studied Taoist Alchemy well enough I didn't understand the principles to maintaining this energy.

In !kia [trance] your heart stops, you're dead. [...] You see ghosts killing; you smell burning, rotten flesh; then you heal, you pull sickness out. You heal, heal, heal, heal ..., then you live. Then your eyeballs clear and then you see people clearly. R. Katz, *Boiling Energy*.

So for example as Master Nan, Huai-chin states at this level the nerves are very sensitive and lust easily overtakes the mind. Also the healer gets heroic over-exuberance and so the energy gets overused easily. So then when I studied 1) Mantak Chia **I discovered the secret** - the diaphragm has to be flexed down at the same time that the perineum is flexed up. 2)

Check out this "secret" video by Dr. Newman K. Lin on "anal breathing" as the secret of vagus nerve stimulation.

There are two main areas you will always use. Pull up the perineum and press down the diaphragm. This will reduce the space in the Tan Tien and condense the Chi in the Tan Tien. Mantak Chia, p. 69

The two biggest muscles in the body are the glutes and the diaphragm.

3)

The Power of Ki! Dr. Joo Bang Lee March 1988 Black Belt Magazine

While one is breathing the Dan Jun (diaphragm) and anus must be held tight.

This secret keeps the small universe flowing in the proper direction and prevents the yin qi energy from going up the front of the body and out of the eyes with the shen. 4)

Neidan qigong, Dr. Yang, Jwing-Ming

At this time you should start to coordinate your breathing and abdominal movement with the movement of your huiyin (Co-1) (literally “meet the yin”) cavity and perineum to lead the qi to the tailbone (weilu cavity)...The trick of holding up and loosening the huiyin and perineum is **extremely important** in nei dan qigong.

In his

Small Circulation Heavenly Orbit book

Dr. Yang, Jwing-Ming emphasizes the secret of the perineum again:

Huiyin is the Pump and the Abdomen is the Bellows

The Huiyin cavity [perineum] is **the crucial valve controlling Qi** in the four yin vessels. When it [perineum] is pushed out, the stored Qi is released, and when it is held up, the valve is closed, holding Qi in and conserving it. So the Huiyin pumps Internal Qi (Nei Qi) and governs the manifestation and preservation of the body’s Qi. Controlling Huiyin [perineum] in your practice makes a significant difference.

Traditionally this was one tricky place which the master would keep secret until the student was trustworthy.

So that is the main secret of how to store up the energy along with continued practice of “Moving of yin and yang” to reverse blockages and convert the jing back to qi energy. 5)

Chinese Medical Qigong textbook googlebook link -

Anus-lifting breathing refers to the respiratory method that **contracts the muscle of the perineum while inhaling** and relaxes the perineum while exhaling.

Generally speaking when one practices Xiao Zhou Tian (Small Heavenly Circulation Form), **anus-lifting breathing is mandatory to coordinate the Qi.**

Perineum Power

A critical role in Tan Tien Chi Kung breathing and the creation of the right pressure in the Lower Tan Tien lies in the tightening and sealing of the sexual organ, the perineum and the anus. The ability to contract the pelvic floor and the coordination of holding up and tightening the sexual organ, perineum and the anus is essential. This ability prevents leakage of essence energy and preserves it so that it may be transformed into vital life force energy and spirit energy.

This practice is called the closing of the Three Gates. The perineum, not without reason, is called the Gate of Life and Death, as it plays such a crucial role both in preventing degeneration and in activating all the organs and glands and other body functions.

Massaging the perineum is an excellent practice to vitalize the sexual organs and strengthen the pelvic floor. It also contributes to activating the pineal gland to which it has a direct connection through the Thrusting Channel. This is one of the finest meditations to do, as it helps one to become aware of the unity of high and low in one's body. It acknowledges the most honourable function of what are often called "the lower organs".

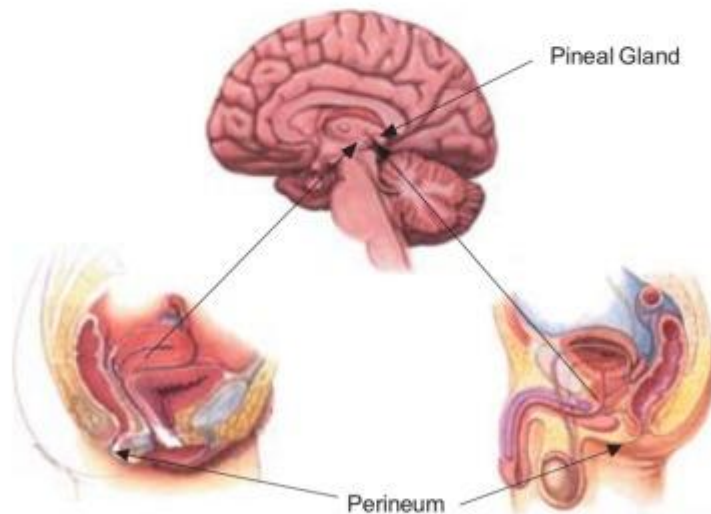


Fig. 4.3 Perineum and pineal gland are connected.

Flex the Diaphragm down and the perineum up at the same time - secret of storing up qi energy!

6) Bagwa master Sun Luc-Tang lists as one of his eight essentials of Baguazhang:

3: **The rectum is lifted internally** and the tongue touches the hard palate just above the top tooth line on the hard ridge, so as to join the Du Mei with the Ren Mei. p. 76, Eric Montaigne internal Gong-fu pdf

So **seven different sources** (see below for the seventh source from kriya yoga) emphasizing the same essential secret to storing up and condensing the qi in the lower tan tien! Now the final secret is that Master Nan, Huai-chin teaches it's crucial to hold the breath only after exhale. So then we find Wim Hof teaching the same secret of holding the breath, only after exhale and, only after first charging up the body doing the Quick Fire breathing. Dr. Shin Lin at UC-Irvine, documented, using transcranial Photon Migration Spectroscopy, a **great increase in brain oxygen from holding the breath after exhale** and after the Quick Fire charge up breathing. So then we discover from science that holding the breath after exhale activates the parasympathetic nervous system. Marc Seifer described the results:

“During normal breathing, the reverberations in the aorta arc out of phase with the heartbeat and the system is inharmonious. However, during meditation and **when the breath is held**, the echo off the bifurcation of the aorta (where the aorta forks at the pelvis to go into each leg) is in resonance with the heartbeat and the system becomes synchronized, thus utilizing a minimum amount of energy. This resonant beat is approximately seven cycles per second, which corresponds not only to the alpha rhythm of the brain but also to the low-level magnetic pulsations of the Earth.” p.49, *Transcending the Speed of Light*.

And from the Kriya Yoga tradition:

The vajroli mudra [contracting the lecithin semen] has to be [7] **practiced together with the moola bandha (flexing the perineum up) and uddiyana bandha [flexing the diaphragm down] in kumbhaka**. Practice of kumbhaka [breath retention after exhale] is necessary while the ejaculation is being held. Retention of the breath and the bindu [amrita kundalini] go hand in hand. Loss of kumbhaka is loss of bindu, and loss of bindu is loss of kumbhaka. “Kundalini Tantra” by Swami Satyananda Saraswati (google pdf link, more on the bindu chakra below).

Kriya Yoga is older than Hindu religion, according to Satyananda Saraswati and the secret is that the Lunar Amrita normally flows down from the top of the brain to be “used up by the sun” as ejaculation, and instead the lunar and solar energy

need to be united by retaining the lunar energy and purifying it. This is the same secret as Taoist yoga alchemy. Kriya yoga states that, at first the anal sphincter flexing is the key since a normal person can not “flex” their perineum on their own. But as the qi energy increases then you can isolate the perineum to stop loss of qi or prana energy out of the perineum. Swami Satyananda Saraswati states that most people operate with just their Moola or perineum chakra open (the Number 1 person as per Gurdjieff) and so this is the main vibration that can be “listened to” with the Yi or I as intention - to build up the qi energy, to activate the kundalini. So the key to putting the intention in the lower tan tien is by flexing the two largest muscles - the glutes up and diaphragm down, you begin to listen to or feel the vibration of the qi at the perineum to stop its loss, and to sublimate the jing energy up the spine, to the Bindu chakra (more on this below).

So in Pranayama training first you train so that the exhale is twice as long as the inhale - so exhale can be up to 60 seconds and then you train in the retention after exhale

:

the breath is held for several seconds after the *exhalation* is complete.

More on this Bindu Chakra secret below as the “Water Path” as proper intention of the pancreas - the source of worry or too much thinking.

breath retraining:

When stressed or worried, we tend to tense the muscles of the neck, throat, chest and abdomen. Especially when we tighten the abdominal muscles, **we begin to breathe with rapid, shallow breaths** primarily in the upper chest region. As the drop in CO₂ causes distressing symptoms, we become afraid of the symptoms. Arousal remains high and a vicious cycle of worry and arousal occurs.

So the tummo method of Wim Hof as the Quick Fire method of alchemy is to first do very deep reverse breathing which increases the carbon dioxide in the brain, the opposite of hyperventilation, or shallow overbreathing that lowers carbon dioxide levels. Or as

another breathing expert

explains:

But my research leads me to believe that a significant issue or way this is influenced is more about the way and depth the nervous system is stimulated, ie., whether parasympathic/abdominal, breathing, or **sympathetic, high chest**

dominant (over approximately 45%) breathing is engaged.

I have observed people breathing intensely for hours without any signs of distress, but rather with signs of bliss and joy. The key to “over-breathing” is more about balance between the high chest and abdominal breathing pattern.....

Optimal oxygen uptake is not possible without proper CO2 presence. Alkaline forming nutrition is also relevant....

I have observed -with the help of a pulse oxymeter, that **quick [fire]-deep** or **quick[fire]-shallow** breathing, **if dominated by belly, back and side breathing, most often increases the level of oxygen in our blood.** By gas exchange standards, this would seem to reduce the CO2 ratios, invite constriction and inhibit O2 transfer into the cells but this MAY or MAY NOT not occur depending upon how well the **breather is able to relax and stay dominant parasympathetic.** Key factors are how well they adapt, tolerate or become accustomed to the increase in physical energy (chi, prana, Qi, pneuma etc).

The increased carbon dioxide from the deep strong reverse breathing, along with increased adrenaline, then enables the holding of breath after exhale for a longer time period, as it is the pH balance in the brain that triggers the breath reflex.

2014 study of tumo “heart-yoga” heat:

Tumo was associated with a hyperdynamic vasodilated state with increased biventricular performance. We postulate that tumo results in a **massive increase in sympathetic activity** with activation of brown adipose tissue and marked heat production. The increased heat production may explain the paradoxical vasodilatation in tumo practitioners exposed to subzero temperatures.

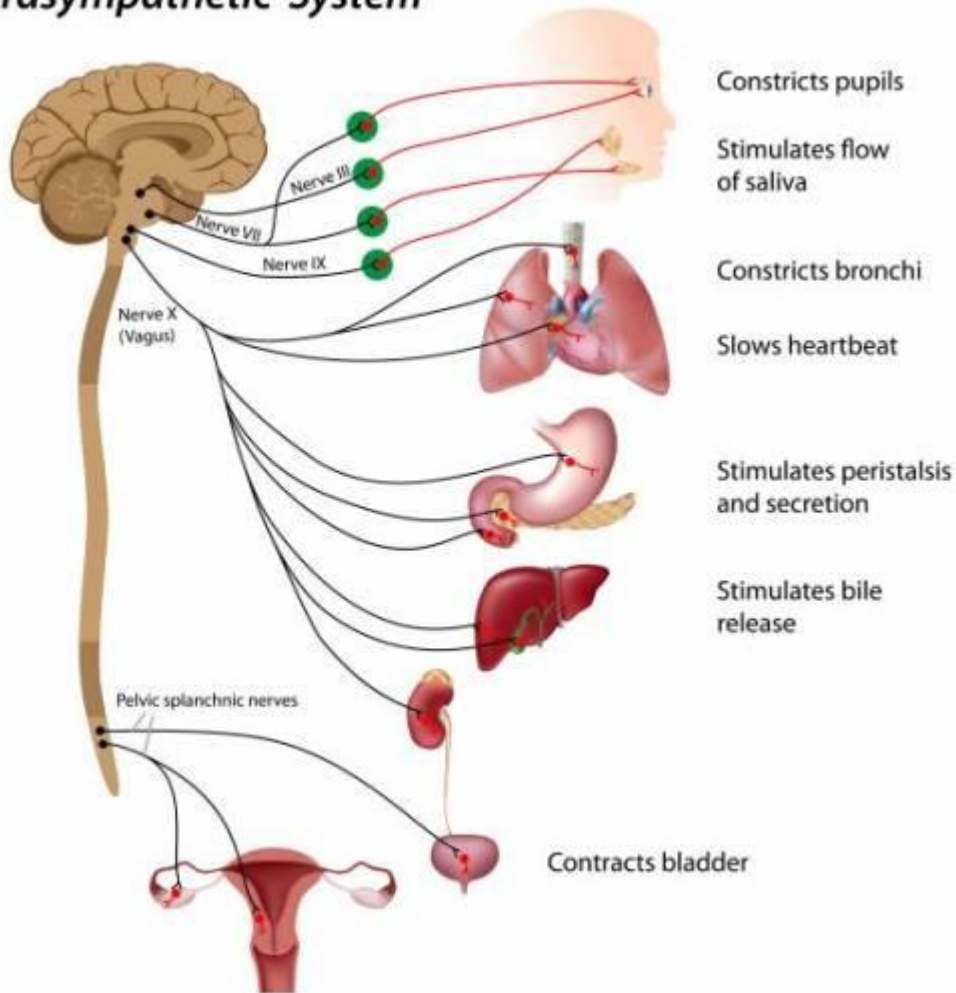
So then as the breath is held after exhale you get the parasympathetic rebound which then increases the oxygen levels in the brain and stores up the qi or prana energy. As this technique of continued, with 30 deep breaths followed by breath retention after exhale, then with each cycle the oxygen in the brain increases and the parasympathetic nervous system stores up

more energy

as increased prana or qi, along with sublimating the lecithin that stores up the qi. As the brain qi energy increases it is the brain that controls breathing and body temperature and so as Wim Hof details, he can just use his brain to increase his body heat, as the Tibetan tummo monks also do, through deep relaxation and very slow breathing. Science tells us it is the right side vagus nerve that is the dorsal or back of the rear body as this “reptilian freeze” trance or samadhi energy

which then goes up to the right side of the brain and then down to the right side of the heart.

Parasympathetic System



Right side Vagus or Wanderer Nerve is secret of Kundalini - heart-right brain-reproductive connection

Taoist Alchemy tells us that “Yuan qi” originates from the right side of the heart and Advaita Vedanta tells us, via Ramana Maharshi, that the right side of the heart is the secret pinhole to the formless awareness of the Universe. As the pdf explains,

All Disease Comes from the Heart

in fact in the earlier Chinese dictionary, from 200 AD, the heart is the Earth organ, after it is able to contain the fire energy.

This remarkable 2nd century statement makes reference to **a little known fact**: in the early stages of Chinese medicine the heart was alternately classified as the earth organ, not the fire organ that it is exclusively described as today. Prof. Heiner Fruehauf

The Advaita nondualists will try to claim this is not accurate since Ramana Maharshi explained:

“It must be the heart at the right side of the chest since every man, of whatever race and religion and in whatever language he may be saying 'I', points to the right side of the chest to indicate himself. This is so all over the world, so that must be the place. And by keenly watching the daily emergence of the 'I' thought on waking and its subsiding in sleep, one can see that it is in the heart on the right side.”

In fact what Ramana Maharshi is referring to is that humans are right hand dominant and in actuality this is indicative of the inherent complementary opposites of evolution! Only in

Taoist Yoga: Alchemy and Immortality pdf link

do we find this secret confirmed - the right side of the heart is the origin of "yuan qi.”

Even acupuncture gives the hint (pdf):

The first cry activates Qi-Ke – mouth of qi – to circulate Qi and Blood

– This is reflected by the pulses at Lu-9 and St-9

– **Breathing into the Lungs (for the first time) sets the Heart-Blood in motion**

– **This also creates a pressure in the left atrium, which is greater than that of the right atrium, thereby creating the “Heart barrier,”** or Pericardium

The qigong master who befriended me actually demonstrated this truth to me - when he left his body and then activated the deep qi on the right side of my heart. He wanted to find out if I was speaking truly from my heart and he said that I was. Of course when I experienced this source of my spirit I stopped speaking as that was also the source of the truth and the end of the need for words. haha. And so as the San Bushmen describe their hearts really do stop when in deep meditation.

Harvard Professor Dr. Richard Katz,

Boiling Energy: Community Healing among the Kalahari Kung

Richard Katz questioned Kau Dwa further on this topic:

KATZ: Kow Dwa, you have told me that in kia you must die.

Does that mean really die?

KAU DWA: Yes.

KATZ: I mean really die?

KAU DWA: Yes.

KATZ: You mean die like when you are buried beneath the ground?

KAU DWA: [With enthusiasm]: Yes. Yes, just like that!

KATZ: They are the same?

KAU DWA: Yes, the same. It is death I speak of. KATZ: No difference?

KAU DWA: [Firm but soft]: It is death.

KATZ: The death where you never come back?

KAU DWA: Yes, it is that bad. It is the death that kills us all.

KATZ: But the healers get up, and a dead person doesn't...?

KAU DWA: That is true; healers may come alive again.

In 2012

the original qigong master

described his experience as well:

My heart, the heart rate beating, shooting up so fast. I just couldn't count how fast it beat. Then to a point it completely stopped, the beating. I don't feel the pausing with my hand on the heart, and I'm still functioning well. For a second I was worried, what is going on? So I tried to breathe. Wow I feel more room in my lungs to breathe..... I continued to teach...For quite a while I feel nothing in my heart. Then I drove back to the center....May was there, saying hi, how's it going? Yeah it's going fine. But I still have no heart beat. I sit down. I look inside. I didn't call 9/11. To me, this is only my experience. When you get something like that, call 9/11 right away and go to the hospital. I sit down. Why I get this? I didn't get anything even in meditation. Gradually in 20 minutes. So for a good 2 hours I didn't feel anything in my heart. So gradually my heart beat slowly comes back.....Then after a few days I ask why I have this? Just a way to open your heart. I say...well this is not a good way! haha. But I experience that and I check myself and I read myself inside and I check out my organs. Everything looks pretty good. There's no damage or anything. Of course this is a very extreme situation. But I'm telling you everything has a reason. You go into your heart to find the answer and that will tell you on a bigger level.... No fear. In my life I experience so many — people call it bizarre things. People say — well that's a story, not necessarily real. I

don't care. This is what I experienced. My life. And this is the way I get my heart more and more open and look at things from a different perspective.

Taoist Yoga

, p. 41 ("The sun stands for the heart and the moon for the lower tan t'ien cavity (under the navel), respectively symbolized by the dragon (female or negative vitality) [yin qi] and the tiger (the male or positive vitality) [Yuan Qi]."

Taoist Yoga

, p. 67 "Therefore the secret lies in the prenatal positive vitality [Yuan Qi] that existed before heaven, earth, and all things came into being."

Taoist Yoga

, p. 75 "The channel carrying blood and **vitality from the right ventricle of the heart is a vein which is linked with the duct of the testicles** and the restraining nerve; hence the centre of the right palm is the tiger cavity."

Taoist Yoga

, p. 110.

As I posted above we now from science that is the parasympathetic nervous system that connects to the testicles and it is the right side vagus nerve of the parasympathetic nervous system that can stop the heart and restart it.

By putting the Yi or intention in the lower tan tien, we "listen" or feel the vibration of the perineum that connects to the pineal gland.

"The tiger's roar heard in the left ear reveals the fullness of vitality." p. 116 This deep Tai Chi Emptiness is called "breathless ecstasy" by Sri Yukteswar, the nirvikalpi samadhi of the energy meridians fully charged up via the deep reptilian "freeze" or "playing dead" vagus nerve activation, connecting the reproductive organs to the heart.

Waking the Tiger: Healing Trauma: The Innate Capacity to Transform Overwhelming Experiences

by Dr. Peter A. Levine gives the secret of this right side vagus nerve:

I used to think the paralysis that occurs during extreme events was due to overloading of the sensorymotor cortex with **kundalini energy**. This may play a part in it, but now I think the paralysis is due to the brainstem stimulating **an extreme parasympathetic response** to meet the extreme sympathetic activity that is occurring...thus both on and off switches are at full bore. To prevent any

further escalation of this duel between the on and off systems the body turns on a **massive freeze response [samadhi trance] via the dorsal vagal complex**. The dorsal vagus complex (DVC) is a cluster of connected neurons in the brainstem medulla that slows down the energy-expending processes. **It is the primitive unmyelinated vagus related to the conservation of metabolic resources.**

Similarly in the alchemy training we get this paradox of a strong sympathetic stress input creating a strong parasympathetic “freeze” reaction - in other words meditation trains us to suppress the sympathetic when normal people trigger the sympathetic.:

These behaviors increase, further inhibiting the other system through tuning, and counter-intuitively **not only is the opposite system fully suppressed, but stimuli that would normally evoke the opposite system (non-sensitized system) instead evoke a response in the sensitized system (termed reversal phenomena)**..It is important to emphasize here, that **under normal circumstances the nervous system cannot function this way**; SNS and PNS are by nature alternating systems. *Strange Bedfellows: Meditations on the Indispensable Virtues of Confusion, Mindfulness and Humor in the Neuroscientific and Cognitive Study of Esoteric and Contemplative Traditions* Sept. 2016 pdf

So the left ear is right brain dominant and so by emptying out the conceptual word left brain and developing Ting Jing (internal listening in Tai Chi) **we build up the White Tiger yuan qi energy**. The inner ear connects to the vagus nerve and cerebellum to sublimate the right side vagus jing energy and increase the pineal gland power.

As Ramana Maharshi states with his shen (right brain spirit visualization) focused on the right side of his heart then after 15 minutes he felt a strong shock as the qi of the right side of the heart re-started his stopped heart and reactivated his shen as his spiritual self-awareness. Before that he was in a state of pure yuan qi as formless awareness - like a black hole of bliss through the right side of the heart. **This shows again how the individual jing is tied to the shen and qi and explains the mystery of how Ramana Maharshi could insist he maintained his individual self even while he was submerged in the impersonal Self of the universe.**

Ramana Maharshi emphasizes to focus on the conceptual logical inference of the source of the I-thought in order to ground the energy. We find the same discovery from Gopi Krishna -

The focus on the left-side vagus nerve is the myelinated emotional energy to the heart. This is the focus on the “water path,” see below.

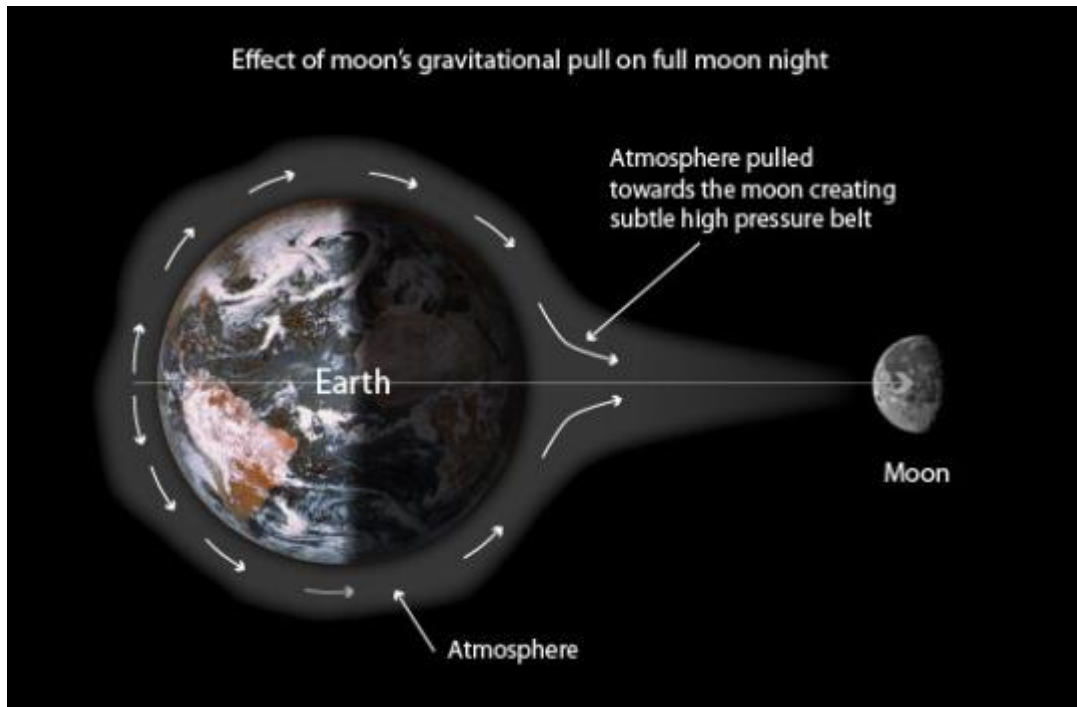
When a qigong master is able to go into the post-death samadhi state, called nirvikalpa samadhi or “breathless ecstasy” (Sri Yuktswar), then that means the spiritual ego is emptied out, the 7th level of awareness in Mahayana Buddhism, and true enlightenment is achieved. That is the sign of a real spiritual master. As the qigong master who befriended me explained: You can be a qigong master but not necessarily enlightened. That is what he was referring to. For example a qigong master can see out of the head in four directions at the same time! But that doesn't necessarily mean they are enlightened through a deep heart awakening. The shen as spirit moves in one direction while the qi moves in the other - and the body transcends its physical limitations as it merges with the qi-shen as the quantum formless awareness origin of time-frequency of the Universe.

But for Mahayana Buddhism even this level of spiritual formless awareness beyond the physical body and at one with the source of the Universe is not enough. The body itself as the jing energy also needs to be emptied out and harmonized - the first five levels of consciousness and indeed it is the jing energy, that alchemically, enables this creation of the yuan qi energy at one with the Universe.

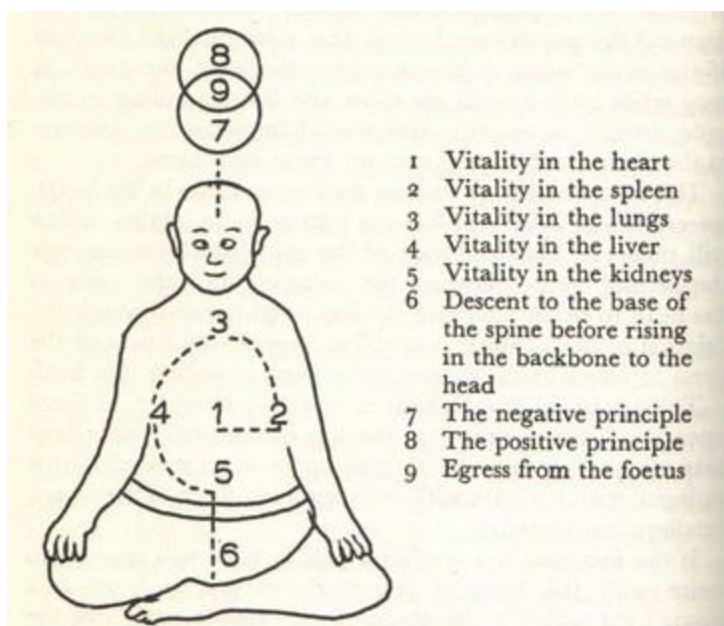
2014

the lunasensor hypothesis about the role of **the pineal gland as a peculiar gravisensor**...At the full moon, for example, the EEG delta activity in humans was reduced by 30% in the deeper stages of sleep, and evening melatonin secretion was also greatly suppressed [11].

So as Master Nan, Huai-chin reveals in his Ch'an lectures - this is why the Buddha achieved enlightenment after 7 days of nonstop full lotus meditation under a tree. The key here is that the solar and lunar calendars do not line up exactly and instead there is an infinite transformation of energy, be it a person's physical body or the external world they are also harmonizing. This is the secret of the Bodhisattva and the secret of Chuang Tzu, the “yuan qi” is the superluminal phonons as the backwards wobble or precession, lined with the Earth to the pole star, or the proton-electron magnetic moment....(so the post-script sections below).



This is what the original qigong master means when he says there is no center to the universe. I saw the original qigong master demonstrating this ability as in his full lotus meditation he created new “yuan shen” healing spirits out of his heart-mind oneness with the Emptiness - each “yuan shen” spirit was individualized and so it formed out of the top of his head - yellow light shaped like a human - and broke off from his head and then drifted out to the student to be healed. As the qigong master who befriended me explained, that is a “very profound level of healing” and he is not able to do that.

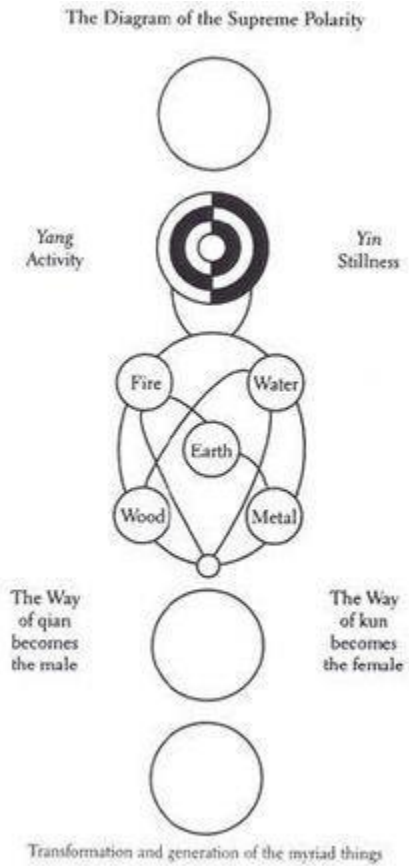


As the original qigong master teaches meditation from the three days before and after the full moon is ten times stronger than normal. Why? Because the yin qi psychic energy is from the natural resonance of the moon in harmony with the earth, just as the same face of the Moon rotates in line with the earth. And so Buddhism, like Taoism, is based on the lunar calendar, just as the jing energy of the N/om from the San Bushmen originates from the female exact synchronization with the lunar cycle.

Journal *Nature* on Moon gravity affecting moods of humans. (Online 1/2017)

Measurements of circadian rhythms in body temperature suggest a biological mechanism through which transits of one of the **moon's semi-diurnal gravimetric tides might have driven the patients' bipolar cycles**, by periodically entraining the circadian pacemaker to its 24.84-h rhythm and altering the pacemaker's phase-relationship to sleep in a manner that is known to cause switches from depression to mania....This type of **[pineal gland] shift in the timing of circadian rhythms relative to the timing of sleep** has been shown to cause switches from depression to mania

As Gurdjieff taught it is only when the dominant life on Earth resonates its energy in harmony with the moon's spiritual evolution will alchemy then succeed. Otherwise the moon destroys life on earth and the cycle of spiritual training on Earth starts over again.



The Way of Earth becomes Female as “yang internal” or yin qi sublimation through Tai Chi “shaking” medicine celibacy

As described by N/isa, **female sexuality is to men, what male healing potency - *n/um* or *tso* - is to humankind.**

Tricksters and Trancers: Bushmen Religion and Society

For the Australian Aborigines, this is the male “yang jing” or “yin qi” energy - from the moon.

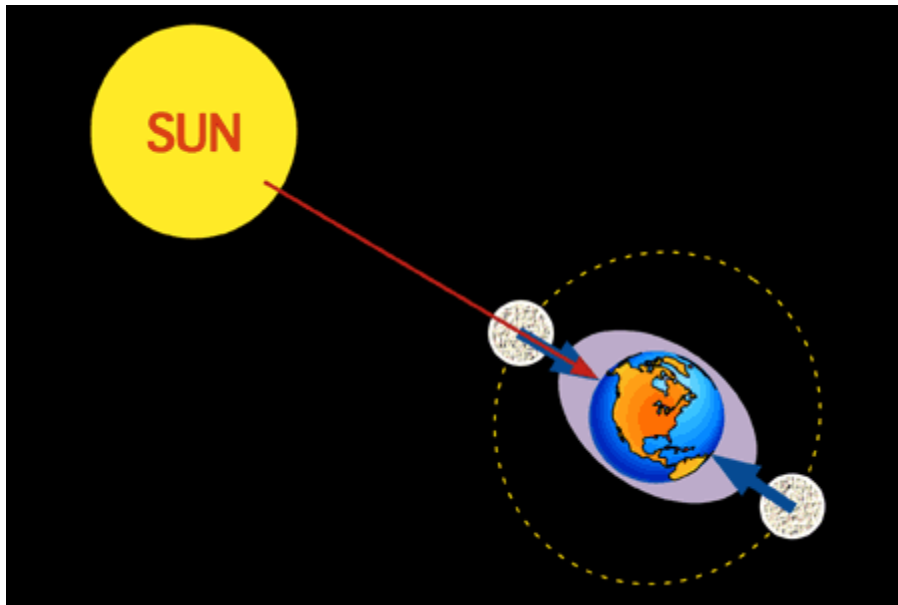
Mowaljarlai): That’s why! Moon is ‘he’ for woman’s cycle. male Moon, shot out into space from the female Earth (in Creation time), is in a kind of yang relationship with all the fluids of the yin Earth including women, governing their cycles – tidal, menstrual, diurnal.....Two-Way Thinking

Not surprisingly, this miwi or “power” is said to be present in all persons, though especially developed only by a few. It is said to be located in the pit of the stomach, Australian aborigine pdf

This is the secret of how to get to the Wu Chi, the lower body as Earth needs to become female like the lunar energy; as human females are yang internally.

And in that **full moon day the nectar, amrita, [ambrosia] ripens**. Until lowering into the external mind from kundalini heights, time stands still. Tamil alchemical Tirumantiram 875

So 3 months is the typical minimum standard, a gong, based on the lunar cycle, a trimester, of no loss of “yin qi” energy for males in order to build up the lower tan tien for real Emptiness as the Tai Chi enlightenment experience to be achieved. On a deeper level the “yin shen” of “yin jing” emotional blockages need to be converted to the yuan qi of the yuan shen to create the “yang shen” physical immortal body transformations.



New Moon resonates Sun's gravity for menstruation and Full Moon resonates Sun's gravity for ovulation

Postscript: Now that we're not Idiots any more! The Red Pill is that "no ONE" is behind the light of the universe.

When we get into the deeper cause and effects of Taoist alchemy then we again defer to the basic formula that time is the complementary opposite of frequency. So CIA mind control scientist Dr. Andrija Puharich wrote his final book on his

ELF Magnetic Model of Mind and Matter pdf

which argues that **the ELF resonance is the backward wobble or spin precession of the electron-proton magnetic moment**. This means there is a superconducting

quantum nonlocal consciousness-energy (Yuan Qi) created, as Dr. Mae-Wan Ho discovered, from delocalized protons, activated by the imaginary mass of light, resonated from splitting water.

Tim Ventura in 2002 reviews the similar claim of Fran De Aquino, a professor of physics at Maranhao State, arguing that ELF waves can cancel gravity. pdf link.

The claim of De Aquino that absorbing resonant energy will decrease mass (antigravity levitation and spacetime distortion) is corroborated by other physicists Dr Eugene Podkletnov, and Dr. Thomas Bearden, who independently, again cite the time-frequency complementary opposite resonance as the alchemical secret. Quantum physicist Jack Sarfatti has also made this ELF-quantum consciousness connection as has Michael Persinger of Laurentian University, Canada and the nonduality research of Matti Pitkanen.

Researcher Alex Constantine has asserted that psychotronic devices using ELF (extremely low frequency) electromagnetic waves were being tested on RV [remote viewing] subjects at SRI [Stanford Research Institute]...Constantine notes that ...Dr. Sam Koslov, assistant to the Secretary of the Navy, saw on the chart being projected on the screen, the words, "ELF and Mind Control." Phenomenal World by Joan D'Arc 2000

We find corroboration of Dr. Puharich's ELF magnetic model in

Handbook of Biological Effects of Electromagnetic Fields, Third Edition

Another model of ELF magnetic interactions that has received recent attention is the possible effect of these fields on the triplet state yield in radical-mediated charge transfer processes....phosphenes which have been shown to be induced by...ELF magnetic fields...coupled ELF electric fields applied to the head in the region of the eyes....the effect of ELF magnetic fields on nocturnal melatonin synthesis in the pineal gland is mediated by effects of these fields on visual pathways...

So then cryptochrome, found in plants and animals, is being studied as a primary receptor of ELF resonance harmonics. Cryptochrome, a blue light photoreceptor in the human eye resonates via ELF waves. Just as birds are modeled to use quantum entanglement "beats" for migration via ELF cryptochrome resonance, so too are other animals, including humans.

The journal Nature 2015 has a study of cows and ELF fields showing a decrease in pineal gland melatonin in the winter.

The result considers that serotonin is the most effected since the summer result was contrary to the winter, so that the ELF waves repress the conversion of serotonin to melatonin during the winter when serotonin is low due to short day length. This is why the winter is considered a good time for meditation, to increase the yuan qi from the increased darkness.

In

Taoist Yoga

Alchemy it is taught that only the eyes are yang in the body and the rest of the body is yin. **So by rotating the eyes the “yuan qi” and “yuan shen” are united and activated by the eyes connection to the pineal gland to the lower tan tien, via the central thrusting channel.**

Taoist Yoga: Alchemy and Immortality

: “after gathering and holding” the generative force - as previously explained (chapter 4) - then the eyes need to be rotated (chapter 6). This is how the small universe meditation is ended in SFQ - while visualizing the light in the lower tan tien, rotating the energy is to rotate the eyes. The six phases of fire alchemical purification of the small universe meditation are all based on the five elements as yin shen thinking mind energy lost out of the eyes while the Yuan Shen emanates only when the Yuan Qi is activated, after the yin qi or generative force has been built up.

Walther Sell gives an overview:

The firing process refers to a six-step process, going from one yang to the pure wholeness of six yangs. During this process the influence of the human mind gradually decreases so that the Original Spirit (also called *the Gold Elixir*) can come into being.

To quote

Taoist Yoga: Alchemy and Immortality

:

“generative force is only immature vitality [yuan qi].”

So the small universe is used to “stop the thinking process” so that the light can be turned around - to open up the cavity of original spirit in the middle of the brain. So then when you can see the light in front of you then the “only then can you lay the foundation of immortality.” So that light can only be seen externally

after the Tai Chi experience. But again to achieve deep serenity - the light has to be built up in strength by building up the yuan qi energy. That is the difference from a number 4 person to a number 5 person as Gurdjieff describes it. No I have not achieved that level of deep serenity. I had a minor enlightenment experience so that I am a Number 4 person. The qigong master who befriended me is a Number 6 person: Not only is his third eye fully open (a Number 5 person) but he achieved the deep serenity of going past physical death. The original qigong master is a Number 7 person - he has achieved the Yang Shen and now he does "miracle" healing as a living Buddha Bodhisattva.

As *Taoist Yoga: Alchemy and Immortality* states - if you are still not clear about the 18 different definitions of the six phases of alchemical fire regarding the small universe meditation then you can just practice "freezing the fire." I have more on the Hun shen of the liver yin qi going out of the eyes and what that means alchemically - in the final section of this article (blogbook). So the *Taoist Yoga* book states on p. 89

" even if you are still not clear....you can gather the light...and drive it into the lower abdomen...until true vitality [yuan qi] vibrates..."

"This cultivation of (essential) nature and (eternal) life requires constant attention and the slightest carelessness can obscure the inner light and cause the *drain* of the elixir with the result that all previous efforts will be sterile." p. 97

We now find science confirming this connection of Yuan Qi as ELF energy tied to quantum nonlocal consciousness through the eyes connecting to the pineal gland! Also just as with

Taoist Yoga

Alchemy we find a stronger seasonal variation in the energy - so that the melatonin is higher for deep body healing meditation during the winter while during the summer dopamine and serotonin are higher for more physical activity.

"A human source for ELF magnetic perturbations" by A. R. Liboff

, in

ELECTROMAGNETIC BIOLOGY AND MEDICINE

May 2015 gives a scientific model for this ability of humans to send external ELF energy to other humans.

I know as a qigong healer, the united shen-qi leaves out of the eye balls via the pineal gland - causing my eye balls to pulsate with ELF waves! I had one qigong student who read me work online then visit the qigong center and the qigong master informed me that I knew him already from online and o.k.'d him to visit me. As I sat next to him in full lotus he suddenly noticed that my eyeballs were pulsating! haha. I knew they were but I had never had someone else comment about it!

<http://emmind.net/> the *Electromagnetic Mind* website gives links on the related science research exploring this alchemical reality.

If “gravity” waves share a similar source of variance to Zero Point Vacuum Potentials [37], then the “coincidental” similarities of the threshold Landauer value for information dissipation into entropy or its emergence from it and the amplitude fluctuations of the ~8 Hz subthreshold variations could reflect one intercept between human brain activity, the Schumann frequencies and “gravitational” phenomena.

A Fugal Discourse on the Electromagnetic Coupling of Electromagnetic Processes in the Earth-Ionosphere and the Human Brain pdf

by Kevin S. Saroka 2016 Ph.D. for Michael Persinger and here Saroka and Persinger

one mode of “information” exchange between the Schumann and cerebral fields will involve discrete and very small quantities of photons through non-local processes.

Professor of Electrical Engineering at RMIT University in Melbourne, Australia Irena Cosic in 2006 finds electroacupuncture confirms ELF resonance

with the meridian points as low resistance, resonance points.

More details on this acupuncture research by Ken Renshaw

The adiabatic nature of the nerve pulse combined with the mechanical changes and the physical size of the pulse, indicates that the **nerves pulses could be a type of sound wave**. This deduction lead to the proposal of the Soliton model by Heimburg and Jackson in 2005 [26]. 2014 Soliton Sound nerves Ph.D. thesis pdf The soliton is locally pushing the lipid membrane into its lipid melting transition as it propagates...The propagation of the soliton will result in changes in thickness of the membrane and also have an electrical component, both observed during the

propagation of nerve signals....Interestingly **the inverse piezoelectrical effect means that an electrical change has a mechanical response**, allowing for a coupling between electrical stimulation and the excitation of a soliton....This means that the dispersion and non-linearity of the speed of sound are tightly coupled through their dependency on the state of the lipid membrane....Timescales found for the dynamics of pores in lipid membranes are rather on **the millisecond regime** which predict solitons with a width of z [approx.] 10 cm for $L = 1:39 \cdot 10^{12} \text{ J K} = (\text{s mol})$. Nerve pulses in myelinated axons have a width of the order of z [approx.] 10 cm which seems within the predicted range....The Soliton model, unlike the Hodgkin and Huxley model, predicts that nerve signal propagating down the same axon can pass through one another without annihilation [42, 110]....We demonstrated that nerve pulses can penetrate each other in both myelinated preparations (earthworms) and in non-myelinated preparations (lobster). Penetration is predicted by the Soliton model, whereas it seems contradictory with respect to the prediction of the Hodgkin and Huxley model....The typical timescale of a nerve pulse is 1 ms, corresponding to a characteristic frequency in the range up to 1 kHz....All previous attempts to explore sound propagation in lipid membranes have focused on **the ultrasonic regime** [9,14–16], and it has clearly been demonstrated that **dispersion exists in this frequency regime....nerve fibers swell** during the nerve pulse [37{39, 114, 115}]....the Soliton model the **mechanical changes are the one that cause the electrical signal** and they represent two aspects of the same pulse....other membrane adhesive molecules with large dipoles can be used to create an asymmetric membrane, e.g., soluble proteins or lipid-associated molecules such as long-chain sugars. Depending on the nature of the asymmetry, the system can display piezoelectric properties.

For an overview of the deeper science analysis of unified yuan shen-yuan qi energy see my recently published article,

Death, Trance, and Cosmic Spirit Exorcism: Science of Spiritual Healing part 2

Also my recent blog post states this metaphorical insight:

The Alchemical Secret of De Broglie's Law of Phase Harmony:

So we can say from the perspective of alchemy that Time is the Emptiness and Frequency is the Shen while Wavelength is the Jing and Momentum is the Qi. The "yuan qi" is then the momentum as phase velocity that is the speed of light

squared. The complementary opposites of time and frequency then reverse the entropy of jing and qi. If the light as shen or frequency is turned around then time is also turned around and you get negentropy instead of entropy. Jing is time as entropy but it can be turned around to change fate. This is the secret of putting the shen or frequency as the reverse direction to wavelength or jing as physical time. The result is the infinite quantum entanglement as the speed of light squared - the light turning itself around to create the phase velocity of speed of light squared as the "pilot wave."

Post-Post-Script:

As I was investigating the historical connection between Hun spirit and Mayahana Buddhism then I discovered a new blog to me, by a retired Chinese medical doctor, Western-trained, with over 20 years experience in Dao Qi alchemy training. This led me to more "new" information that directly changed my meditation focus.

First of all let's review the basic foundation of the alchemy training

.

Pastoral Psychology

61(5-6) · December 2012 by Zhang Chenguang, Lin Shi give us good information:

Practitioners believe that the heart controls the mind and that shen stays in the five organs of the human body. Shen is divided into five aspects and is affiliated with the five organs. "Shen stays in heart, po (soul) stays in lungs, hun (spirit) stays in liver, mind stays in the spleen, and zhi (will) stays in kidneys" (*The Medical Classic of the Yellow Emperor*, p.62). Although cognitive activities belong to the five organs, they mainly are the physical functions of the heart. "Heart is the matter of the mind, where spirits come from" (*The Medical Classic of the Yellow Emperor*, p. 27).

Meng Zi believed: "Will, is the master of Qi; Qi, is the content of a body. Where the will goes, Qi will go with it" (Zhang 2010a,b, p. 66).

But in my last mention of Hun and Po, I revealed that in fact Hun and Po are more closely connected to qi -

So then I discovered this pdf by a Tai Chi teacher - Dennis Willmont - Ritual, Sacrifice and Alchemy

Alchemy reiterates the earlier idea of external sacrifice found in Chinese ancestor worship, but does so internally within the body and mind by **the conversion of *jing* to *shen* via the intermediary level of *ch'i* and *I*/Intention.**

So that exactly encapsulates the basic principle of alchemy training that I focus on in my "Idiot's Guide" article - to put the *shen* below the *jing* via the *yi* as intention, that then governs and guides and creates the *qi*.

Between Heaven and Earth, the central harmonizing principle of Man is associated with the phase Soil (*tu*), the Spleen/Pancreas, worry, Intention (*I*), and Trustworthiness (*xin*).

And so Trustworthiness of the pancreas intention is actually the proper balance of the kidney water will power, with the emotional heart of fire, to create good soil. And we know from permaculture, that it is the liver as wood that provides the fuel, to create the biochar, to hold the nutrients properly. The pancreas then feeds the lung energy first.

The ancients thought that the loss of *jing* and *shen* through this progression was automatic unless there was some conscious intention to rectify it.

So again it is the pancreas intention that is the key balancing factor between the fire (*shen*) and water (*jing*), as the secret of alchemy.

Therefore the exoteric alchemists came up with the idea of a closed container in which they would bury alchemical ingredients under the ground so they could not leak away, and therefore be completely transformed in their interactions with one another. The internal alchemists followed the same idea but used their *I*/Intention to contain the alchemical process in the human body.

So this goes back to my original question about Hun. I discovered another historical analysis of Hun, stating that in fact the word is connected to a Thai word also relating to ancestor worship. So as Hun is the light of the moon, which originates from the Sun, so then is Hun the male principle that is passed on to the child at birth. So if the male is considered to be powerful on Earth, then the Hun energy is stronger and then after death, the Hun energy goes into heaven while the Po energy also remains strong with the body. So that is the secret of why then food must be brought to the grave - or else a "hungry ghost" will arise, from the anger of the Po *qi* energy still attached to the body as a ghost. Traditionally it was 3 years required to feed the spirit connected to the dead body - but for the powerful Hun spirits of rulers, then ancestor worship could even last 1000 years! And this is why in Tibet - they cut up the bones of the body, and feed them to the

birds - to ensure that the qi energy empowering the spirit can not return to the body to create a vampire-zombie.

We can also find this idea of containing the *jing* and *shen* in the Taijiquan Classics where the *I* (psychic counterpart of the “Power” Man, the phase Soil, and the organ Spleen/Pancreas) takes on the function of a container:

Up and down, forward and backward, left and right, it’s all the same. All of this is done with the *Yi*...

citing Chang-San-Feng.

Elsewhere the Classics build on this same idea:

(Throughout your) entire body, **your mind (*I*) is on the Spirit of the Valley (*jing-shen*)** [“concentrated awareness” is the translation I prefer], not on the Chi (qi).

So now we know the secret of why the Spirit of the Valley has no one precise location and yet does have a specific alchemical secret of process. And we are just beginning to reveal some fascinating new secrets! To quote again this teacher who understands how putting shen under jing creates qi - through intention as the key secret of Hun!

In Taijiquan it is easier to understand how *I*/Intention, as a closed container, can preserve and develop the *jing* and *shen* through the “Standing Postures” where movement is reduced to its extreme slowness....The process of “condensing” *jing* into the bones in the standing postures is like storing more and more energy in a battery. At a certain point the *jing* and bones resonate with the ch'i of the Earth and one’s deep root is established.

In the Standing Postures, at the same time one sinks the *I* and ch'i into the bones in order to concentrate the *jing*, one’s conscious awareness (the most basic definition of *shen*) is lowered automatically into its associated realm (Water).

So then he explains that there are two burials in ancestor worship - after two years the bones are dug up and reburied, so that the jing of the bones attracts the shen, the bones now called

huang-jin

(yellow-gold) as alchemy. So now we know the secret of why in Egypt (and spreading into the West) the body is to be buried with gold - the actual alchemical process is much more detailed! And now in our materialistic fallen times people just worship the actual gold instead!!

O.K. so now I want to introduce

the medical doctor Chinese alchemist

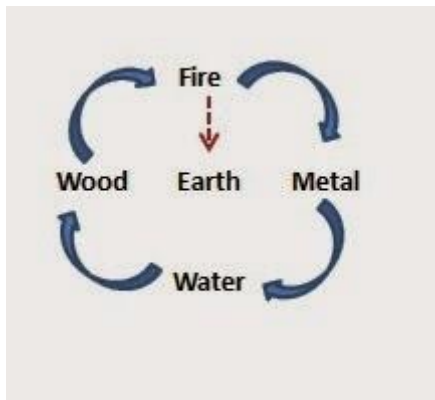
- through intense study he figured out the secret of the Yellow Emperor Classic text to alchemy training:

pancreas-spleen = earth = 5 kidney (water) 1 plus lung (metal) 4 = 5

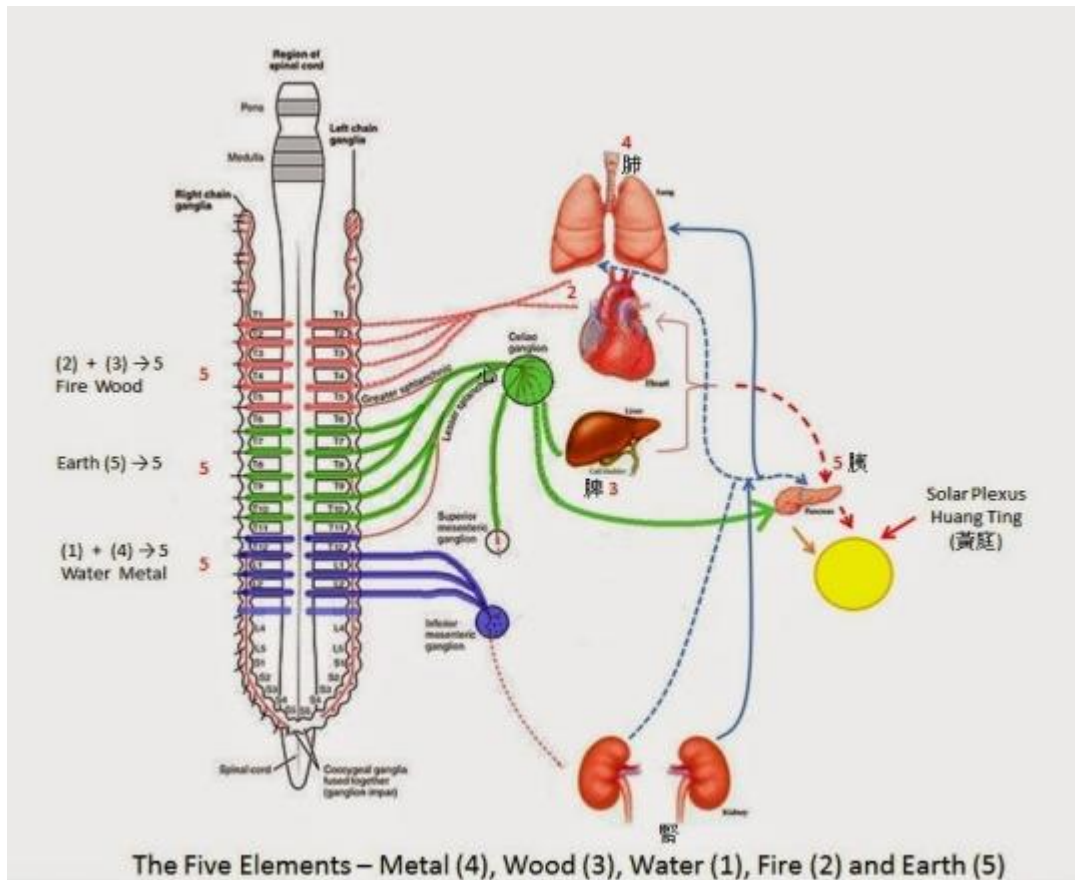
heart (fire) 2 plus liver (wood) 3 = 5

Earth governs four of the five elements.

Dr. Shuang Yan Guan Zhu, physician, says how in his qi training experience, the pancreas directly connects to the spine sympathetic nervous system, in contrast to the other organs. He too made the alchemical ancestor worship connection!



So based on his qi experience of the sympathetic nervous system of the spine - he realized that Earth was in the middle, thereby governing fire and water:



He also makes the astrological connection:

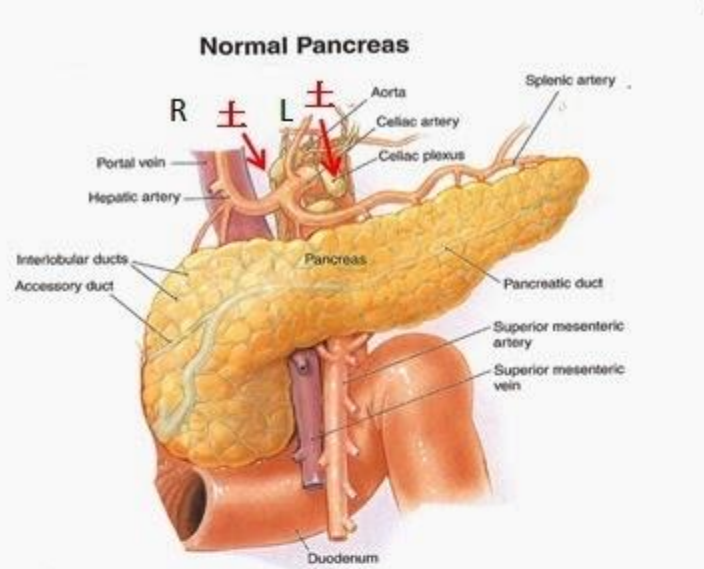
REMARKS: Merger of East Green Dragon Qi with the West White Tiger Qi: In ancient times, astronomers divided the sky near the ecliptic and the equator into 28 regions, each of which was called one xiu (constellation). These were put into four groups subject to different four directions with seven constellations for each group. The seven constellations in the East are called Canglang (Green Dragon). Those in the North are named Xuanwu (Dark Tortoise), the West, Baiha (White Tiger), and the South, Zhuque (Red Bird).

And so now we get to the details of the connection between the Hun and the Po via the pancreas:

v Davis translation

The taking of so small a quantity of it as would cover the edge of a knife or spatula will be enough to confer tranquility on the hun p'o (man's animal spirit), give him immortality, and enable him to live in the village of the immortals. Those who love the Tao (Way) trace things to their roots. They decide on the proper quantities (to use) in connection with the preparation of their medicine on the basis of the Wu-hsing.v Pregadio's Version Moistened one knife-point, and it

will cleanse the hun and the po; you will obtain a long life and find a home in the town of the Immortals. Our interpretation **If the panacea is activated, the spirit and the soul will be purified.** REMARKS: Dao Gui (刀圭) - in ancient times. Dao Gui was an instrument for measuring powdered medicine (Figure 9).



Dao Gui 刀圭



Western-trained medical doctor figures out ancient Chinese alchemy secret!

Remark: The Pancreas also consider as "Earth" – "Tu" (土). CONCLUSION: The Dao Gui in Figure 9 resembles the shape of the pancreas (Figure 9 and 10). Gui is a

sceptre used by nobility in ancient China. The word Gui (圭) is two Chinese earth (土) staggered together . We propose that Dao (knife) represents the pancreas, and Gui with two Tu (土)'s represents the left and right celiac ganglions. The Daoist use it as code words for the whole celiac plexus. This is the area where different kinds (five elements) of Qi are converted to spiritual nectar for further Dao pathway to enlightenment.

So now we have more medical details of how the pancreas directly goes to the spine as sympathetic nervous system energy - but what about the parasympathetic? Indeed

the dropbox pdf book compiled from his blog gives further confirmation of my claim as well!

Route II: Micro-Cosmic Circulation

This route is the same as above, except when the Qi passes through the foramen magnum. The Qi enters into the brain through the Cingular Gyrus. The Qi travels along the Cingular Gyrus and enters into the third ventricle. At the chamber near the pineal gland, the Qi turns around and down the brain stem into the Vagus nerve and back to the lower Dan Tian. This is called the micro cosmic circulation.

In Dao meditation, the micro-cosmic... **the meridian of Ren, in our opinion, equivalent to the Vagus nerve in the abdomen**

And so the question is what is the connection between the spleen/pancreas and the vagus nerve - and fortunately I had provided the answer in my earlier blog posts and so by returning to that research we get further crucial details.

So amazingly the pancreas-spleen is considered a crucial key to regulating chronic disease in the body.

Termed 'the inflammatory reflex', this neurological mechanism involves the vagus nerve, **which can sense peripheral inflammation** and transmit action potentials from the periphery to the brain stem. This in turn leads to the generation of action potentials in the descending vagus nerve that are relayed to the spleen, where pro-inflammatory cytokine production is inhibited.

the spleen is the major organ source of systemic TNF that accumulates in blood [7, 25]. TNF production in spleen accounts for >90% of the total TNF burden that reaches the circulation,

either the common coeliac branch of the abdominal vagus nerve, or the splenic nerve, indicating that cholinergic anti-inflammatory pathway control of TNF culminates in spleen [7, 26, 27].

For example, cardio-inhibitory vagus nerve fibres in mammals are B and C fibre types, which require significantly higher stimulation intensities to fire as compared with myelinated A-type fibres, which do not participate in heart rate regulation.

And so what we find - is that our conscious intention as the myelinated vagus nerve going down to the pancreas/spleen then activates the vagus nerve which lowers inflammation and causes the metabolism to run more efficiently - and on a deeper level of the unmyelinated vagus nerve (the right side) - we then get the slowing down of the heart. So that exactly corroborates the “yuan qi” connection to the right side of the heart but now we see the pancreas/spleen connection.

So with further digging into the Western medical research we can find more corroboration that is quite fascinating about the connection between intention and the pancreas!

Overstimulation of the nerves causes pancreatitis.

Fascinatingly - it's been verified then that electroacupuncture and TENS electrical stimulation of the spine - if done on a minor level then heals the pancreas but if done too much then damages the pancreas. And relatedly - it is discovered that nonwestern spices like ginger and cayenne also treat the pancreas by reducing the inflammation but at the same time increasing the digestion powers of the pancreas.

More recently, in a neonatal model of pancreatitis, administration of the neuron-denervating agent capsaicin [active ingredient of cayenne] significantly reduced histological severity scores and abolished plasma extravasation associated with pancreatitis[30], findings which support the notion that primary sensory neurons constitute a common final pathway for pancreatitis.

So now we can corroborate the traditional Chinese medicine claim that the pancreas then sends energy to the lungs:

The lungs are heated by yi, often translated “righteousness,” in the sense of integrity and dignity.

or to establish communication with the emotional mind under control as direct translation of Chinese Mandarin of “Yi”

Dr. Yang, Jwing-ming, “
Qigong Meditation: Embryonic Breathing
.”

To lead an ape (emotional mind) into a cage you need a banana (breathing), so concentrate the mind on the breathing.

When you regulate the breathing **you should not have an intention (Yi). Should you have an intention your mind will cause tension in the breathing. Simply pay attention to the breathing.**

Once your mind is away from this center [the real lower tan tien], your Qi will be lead away from it and consumed. Therefore the Qi will never build up and store in the body to a higher level. That is why it is said, **“Keep your Yi at the Dan Tien. Yi Shou Dan Tien.**

So this brings up the fascinating point that is made by the Mantak Chia student and qigong teacher, Michael Winn, that Yi as intention is not the same as visualization - and yet can include visualization.

We find more details elsewhere.

The Chinese word for mind intent is Yi Nian (意念). Yi meaning thought / to think / intention and Nian meaning to study. Yi Nian in Qigong and Tai Chi means to think and study the qi movement in your body, through your channels. Over time, this phrase Yi Nian has been mis translated into Imagine or Visualize. Imagination and visualization are different mental concepts than to think and study, and they use different parts of the brain and human consciousness. **“The visual information from real events that the eyes see flows “up” from the brain’s occipital lobe to the parietal lobe, but imagined images flow “down” from the parietal to the occipital.”** 1. Says researchers in a study published in journal NeuroImage.

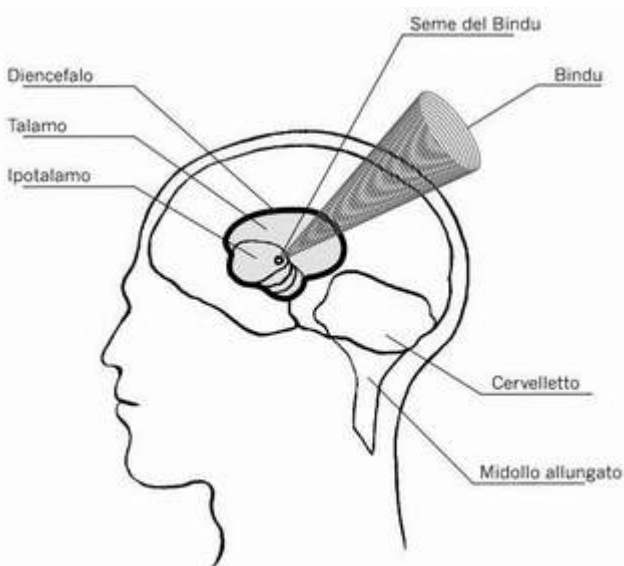
So this got me interested in the parietal lobe - a part of the brain I really had not given much "attention" or "intention" to!!

Sure enough the parietal lobe controls conscious attention.

Interoception may arise from **anatomically distinct, evolutionarily older limbic regions** that provide a present-centered context for sensations originating from the inside of the body (Farb et al. 2007; Craig 2009). But the back parietal lobe controls internal attention, while the front part of the parietal is for external attention.

Now this is truly fascinating to me - because as I looked at the images of the parietal lobe - immediately I focused my intention on that part of the brain. I realized that I really could feel the parietal lobe very clearly - and not only that - **I realized that indeed that was the origin of my “intention” to “flex my pineal gland”!!!**

Now here's where things get even more trippy. Suddenly I discovered that the Bindu chakra is actually at the connection of the parietal lobe to the occipital lobe - and as I just quoted - this parietal lobe attention is the source of imagining visualization and now we corroborate it truly is the source of “flexing” the pineal gland!!



Schema n. 16 – Raffigurazione della costituzione del Bindu

The Bindu Chakra lies beneath the cowlick that most people have at the back of their head. Anatomically it is located where the bones of the back and sides of the skull meet (the occiput and the parietal).

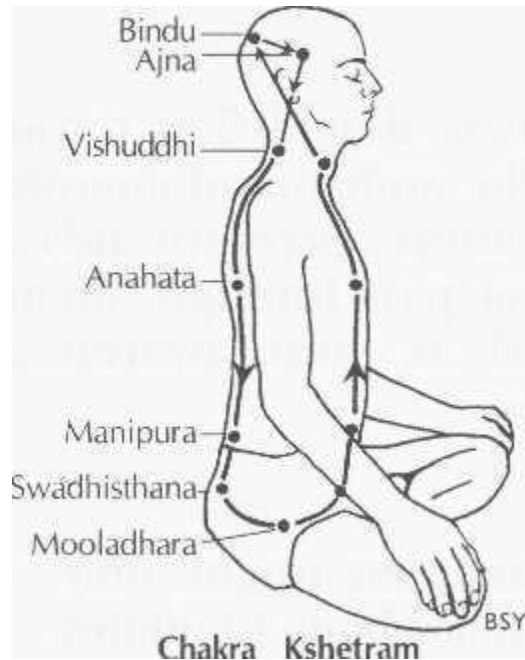
On the physical level this means that with the awakening of the Bindu Chakra the Pineal Gland, which is connected to this centre, becomes active. here

Now things get even trippier - because as I reported, the qigong master who befriended me saw my energy blockage at a distance - he made me hang up the phone with him, so he could go deeper into the Emptiness - and he detailed that my problem was that

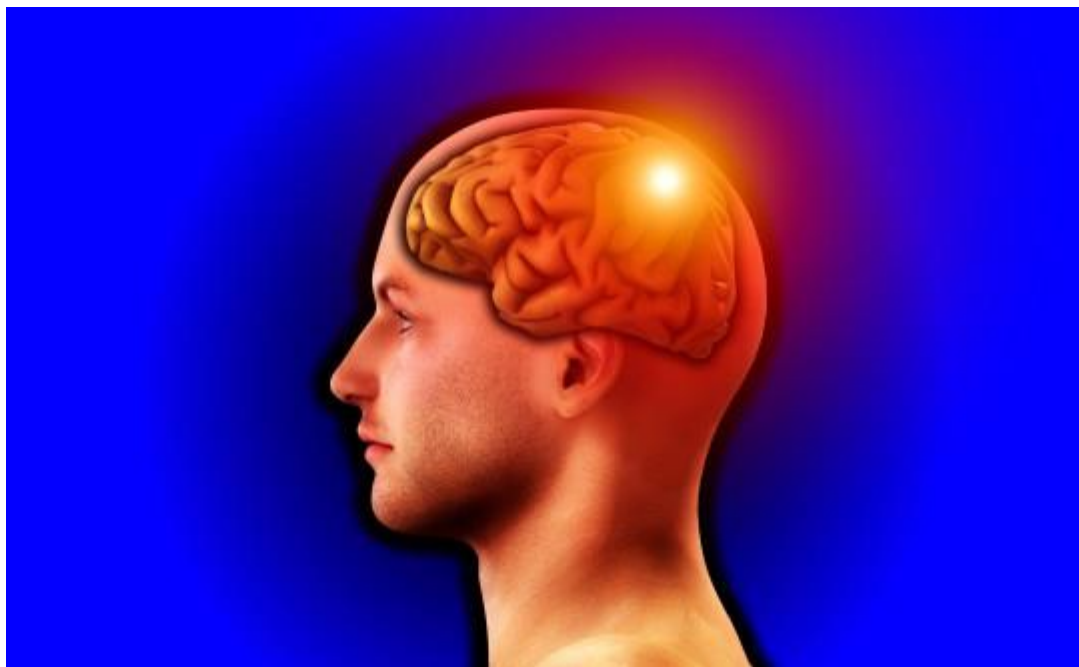
*my energy was going up the front of my body, and out of my skull. **Whereas I just confirmed above that the pancreas/spleen is controlled by the vagus nerve***

going down the front of the body and in fact the Taoist alchemy training is the vagus nerve going down the front of the body.

Now check this out:

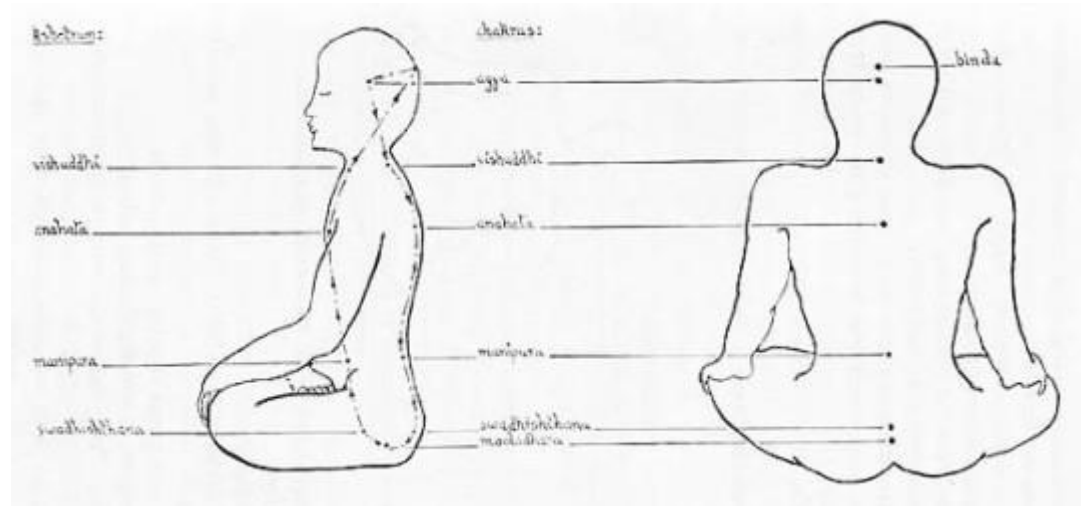


So based on the Bindu chakra - sure enough the direction of the “small universe” is reversed!!!

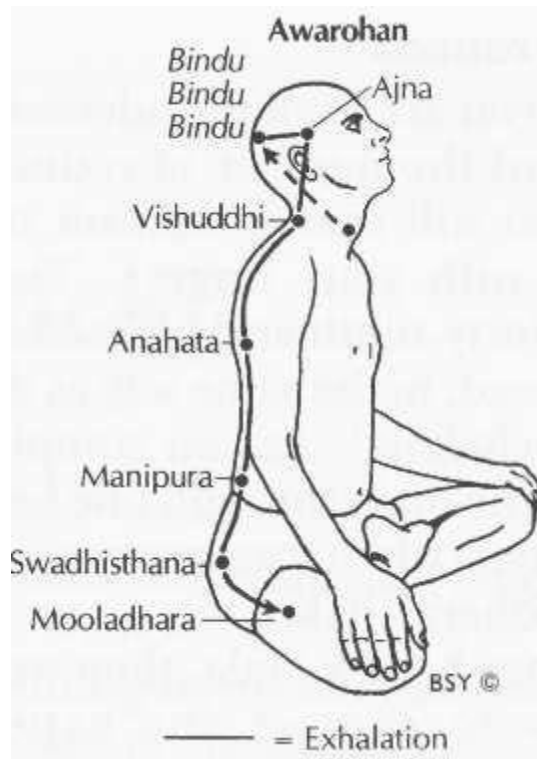


Now people have mentioned to me - and even claimed - that you can have this “reverse” small universe and it’s o.k. But clearly I have just detailed that to create

the qi energy - you want the energy to go down the front of the body. But if you are in fact taking in energy from the Bindu chakra - then you can just recharge the energy and it appears the direction does not matter as much.



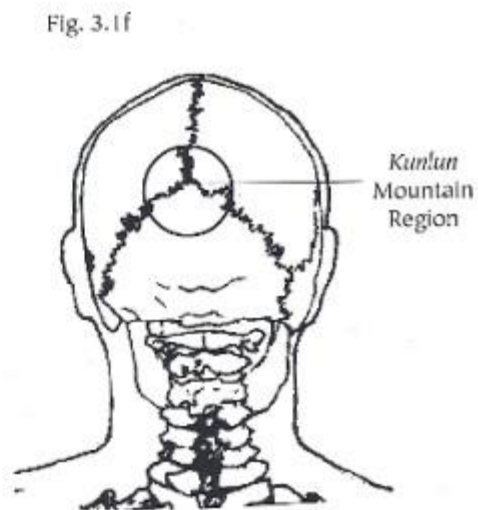
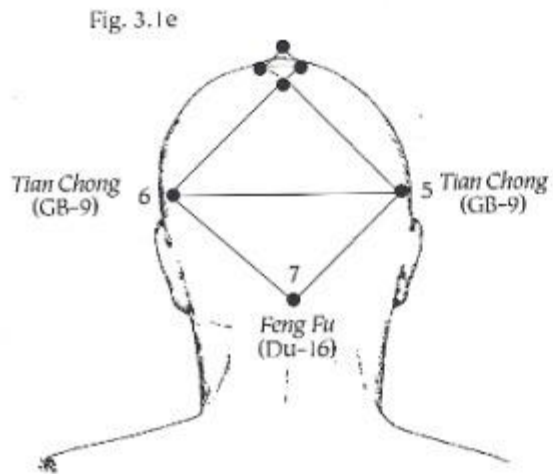
The point being again that the parietal lobe is the secret of “flexing” the pineal gland - and not only that it is the secret connection to the Cosmic qi.



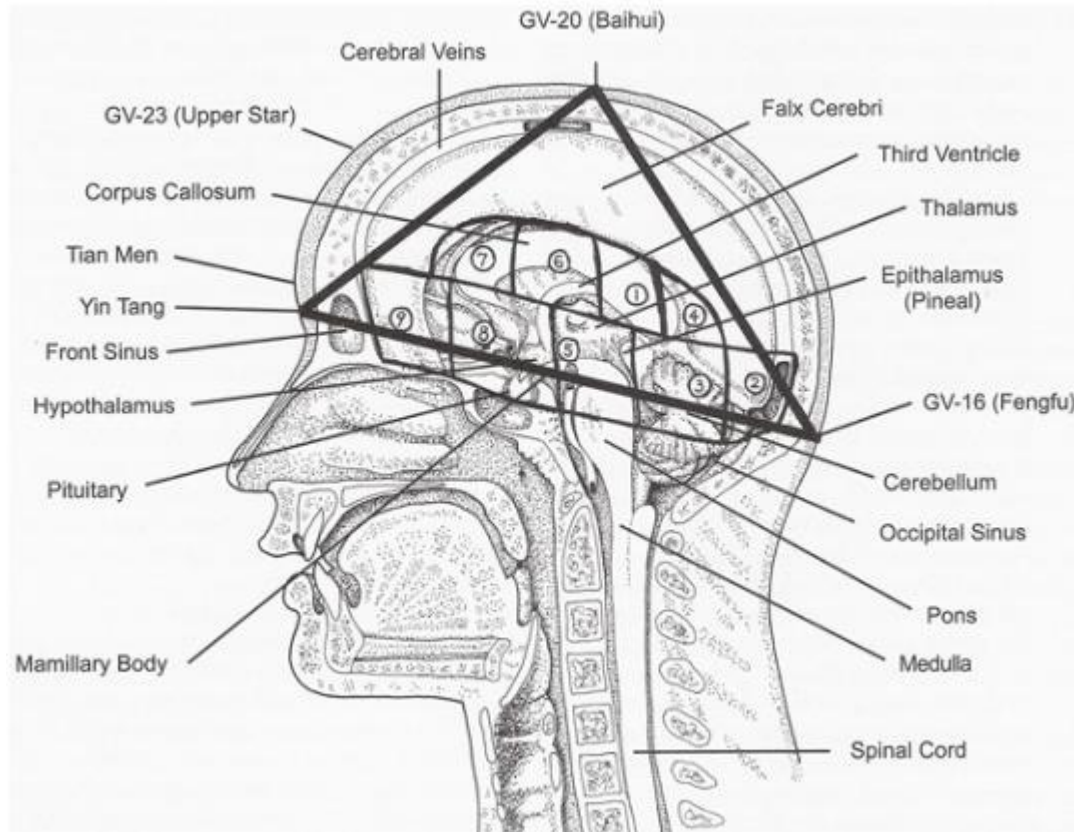
The Bindu Chakra is the secret of the Last Kriya!

So then when I re-examine this insight via Taoist alchemy I find corroboration!

Crown Infinity Pattern



Now keep in mind - I can "flex" this point as the source of my "attention" - very easily - and yet I had never known about this point before!!



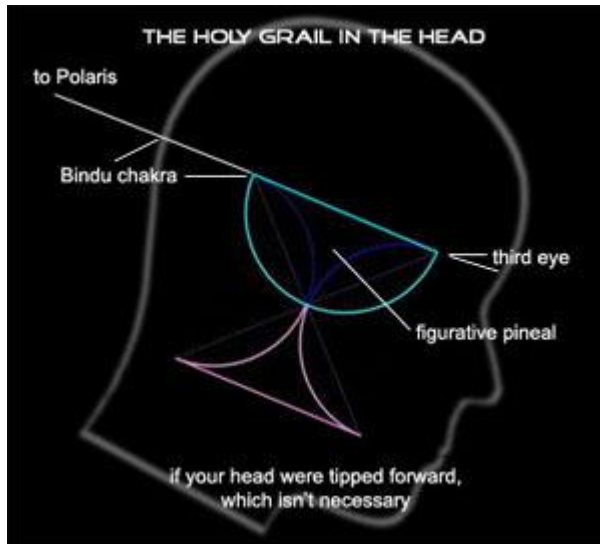
Jerry Alan Johnson gives a slightly different location.

And yet through the Enlightenment experience as the Tai Chi - this point is opened up:

Alchemy: Science of Enlightenment scribd

Internally, Soma is associated with the Bindu point of transcendence located in the head center. The symbolism of the Bindu and Soma are both associated with the Moon. The Bindu point and crescent Moon are seen at the top of the Sanskrit Om symbol of infinity.

Through advanced meditation, Soma nectar is said to drop from the Bindu down to the throat or Vishuddhi chakra where one drinks the internal nectar.



And amazingly in terms of the cosmic qi connection the Bindu Chakra is considered then the North Star - the backwards precession or the secret of the “yuan qi” - of the Earth-Sun-Moon resonance as the alchemical creation of the Holy Grail Soma. The pole star has been documented as of key alchemical importance going back to the Shang Dynasty, 1200 BCE China.

https://1.bp.blogspot.com/proxy/1FJpy7NQ5dkp04CoBMQsz-2pJdMHIDxaMARGyVtidimwQlvWwEV60knRtZOmBdlK55nNnEDq_9oTWtIXzpXXOAEiasCYE34dbfBU8REA-I9uyjJ1qc-NOwRJNcyyPB3A0FNJuQ=s0-d

Wing Y. Pon, Taoist physicist-engineer Acu-Brain model

<https://1.bp.blogspot.com/proxy/P8Lej8LjqW8T78jNzyNoSU6-KFw2ztFnGCKcV68n5fvA-DCCc99hsQD3v4y665nrnqbEUvc96WlQBM6cHaMk7oBhT92zOXJGFE1dah3TIH6NG8cwDJAjQM322GZrkN81UAkTq=s0-d>

Left Eye is Yuan Shen, the Right Eye is Yuan Qi

So

in part one

I mentioned that I started out my investigation based on the clue of the historical connection between Mahayana Buddhism and the Hun Spirit of Taoism. What is fascinating about the Hun Spirit is that it is from the father and it enters the baby at birth - post-Heaven - and yet, the Hun spirit is the connection to the pre-heaven energy. This has recently been a “sticking point” (Ming) or “selling point” of Neidan “marketing” on the interwebs - whether someone’s teaching is really a true pre-Heaven teaching (whatever that means).

From beginning to end, the great medicine depends on one thing: the metal in the midst of the water, that is, the lead in the water-region. ... Then with both eyes one illumines the Palace of Kan (Water) ☵. Wherever the Golden Flower goes, true Yang comes forth in response. ... Thus the *yang energy* of the trigram *Kan (Water)* ☵ leaps upward.

So “such and such” a school will deride another school stating oh they are just “qigong” and not real alchemy. haha. But there are paradoxes involved - for example the Water Path that is the focus of Kunlun alchemy has the secret that in Level 3 Water teaching - the energy goes

down

from the top but down through the central channel, to the heart, as “water” energy, and this prevents the Fire energy going up the spine from being too out of balanced.

5. Water promotes Youthfulness and Longevity

There are methods to open the “downward flow” of celestial water, from the crown of the head down. The energy travels through the Sushumna, or central channel of the body and is stored between the navel and kidneys (called the lower dan tien).

<http://hiddenradiance.com/water-path/>

So then we learn from

my “Part 1” Bindu Chakra investigation

that the secret of the “mystic female” or “the valley pass” is not one location per se but rather having the shen underneath the jing. And so teacher Yang, Jwing-Ming emphasizes that the Water Path is the pre-heaven qi as the yuan qi sexual energy.

The Root of Chinese Qigong: Secrets of Health, Longevity, & ...

<https://books.google.com/books?isbn=1594391378>Jwing-Ming Yang - 2016 - Health & FitnessThe first type is called *Prebirth Qi* or *Original Qi* (*Yuan Qi*,). ... This *Qi* is drawn from the *Jing* (i.e. essence) of the food and air we take in. ...

***Prebirth Qi* is commonly called “*Water Qi*” (*Shui Qi*,) because it is able to cool down the *Postbirth Qi*, ..**

And it is best to do the Water Path based on the yuan qi sexual energy, instead of the Fire path based on the post-heaven qi from food and air. And in alchemy we

learn this energy peaks when a person is 16 years old. But it is only when the intention is pure then that the shen stays below the jing, and then the qi energy develops to open up the third eye. But again the Water Path is a “downward” path of the Yuan Qi....

The Lower Dantian is often called “the Sea of Chi (Qi).” It is the place where Chi (Qi) is housed, the Mingmen Fire is aroused, the Kidney Yin and Yang Chi (Qi) are gathered, and the *Yuan Qi* is stored. Also called Source Chi (Qi) or Original Chi (Qi), the Yuan Qi is the foundation of all the other types of Chi (Qi) in the body. The Yuan Qi is closely linked with the Prenatal Essence (*Yuan Jing*).

So then the Hun Spirit we learned in “part 1” is actually the Liver jing-shen which is closely tied to the pancreas-spleen jing-shen that as Earth then builds up the Lung po spirit as Water. **The Liver spirit frequency as intention is green color - which is the color of the “universe” as the secret of the SFQ symbol, as I have analyzed before.**

https://2.bp.blogspot.com/proxy/5hwNzAfTQbobBVJ0ajXBmp7t4iZS_wOphHFoR54WAPLG0PCAGaAH9ExxkqMMmDyx3NXJ1gl1xCTKoB2HqB3OvrgDnmNP5T5EHv-a3LhD0eNVy9ayc0O5pSwfHoVTJP0=w120-h120

Alchemical Secret of the SFQ symbol revealed: Use your consciousness to go into the Emptiness

So the basic teaching of proper alchemical intention is to “put your consciousness (spirit or shen) into the Emptiness” by focusing on the lower tan tien - to create the qi energy. Or as the original qigong master states - first you build up your kidney energy, then your liver energy and then your heart. Or in terms of the elements - you build up water, then wood, then fire. But what gets left out of that formula is that the proper water will power is from the Lungs as po metal passion intention with the deep breathing from the Earth pancreas-spleen intention as the real origin of the Water path.

It is the lungs as the bellows

that alchemically harmonizes heaven and earth.

Practice with postcelestial kan (water) and postcelestial li (fire) is a postcelestial practice (fire path).

Practice with precelestial kun (earth) and precelestial qian (heaven) is a precelestial practice (water path).

In alchemy this is called “converting jing to qi” which is dangerous since it means to do fasting - spiritual “energy feast” training and it’s best done with the life force jing energy is strongest at 16 years old. But, for example, Taoist Master Zhang - of

<http://qigongmaster.com>

began his Taoist cave fasting full lotus meditation when he was very young - I think three years old? The same with Taoist master Yan Xin who began his teaching from his grandfather when he was three years old - in the mountains. And so then the original qigong master remembers when he healed a schoolmate in elementary school! The qigong master who befriended me remembers when he would leave his body when he was in the crib - so he could watch his mom in the house as she moved around.

And so the “pre-heaven” energy as the Water path is the secret of the White Tiger lung metal energy connection to the Universe as the Green Dragon liver wood energy via the kidney water and pancreas-spleen Earth intention. And we know that it is when the breathing is held after exhale that then the oxygen to the brain increases via the deep parasympathetic right side unmyelinated kundalini energy as the proper intention - that opens up the brain channels. So the example given by the original qigong master is that a baby can cry for hours without getting tired whereas an adult will have the voice get weak easily - and so it is the voice that indicates the power of the White Tiger lung metal energy that is the hidden yang within the kidney water dragon energy. But it is only when the Green wood dragon energy is properly sublimated from anger into wisdom that then the dragon of the heart as shen gets below the dragon in the kidney water energy - to properly bring out the White Tiger intention as the alchemical pre-heaven Water path.

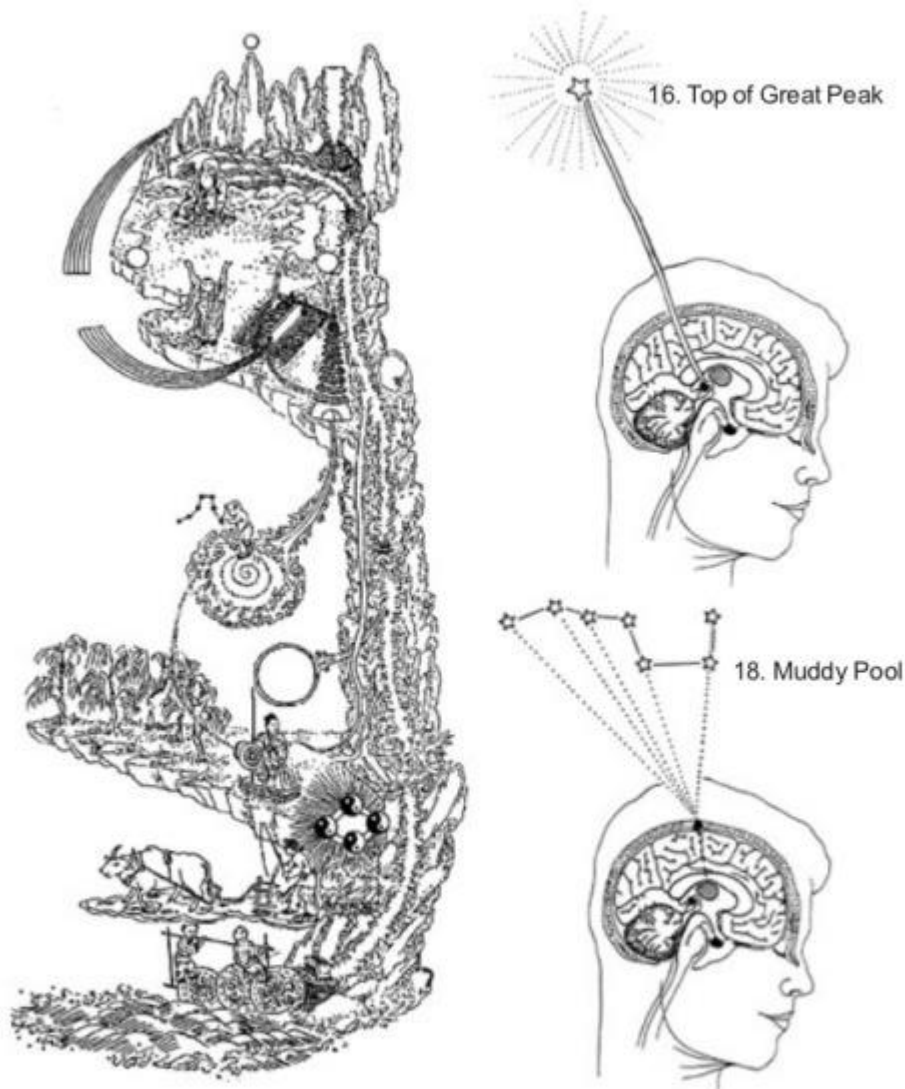


Fig. 4. On the left, an ancient rendering of the inner alchemy practice of the Tao. On the right, two of the nine mountains (16 and 18) correspond to Nine Palace points in the brain.

So for this part 2 of the Bindu Chakra - what first initiated my investigation was my actual experience of implementing this new technique. The qigong master who befriended me called it “turning your perspective to meet your awareness in the back of the brain.” Later he told me how he was practicing this new technique

- so that any question he had to the Universe, he could simply turn his perspective around to his awareness - he called it reversing his thoughts - and he would get the answer from the Universe. I personally experienced how the qigong master who befriended me could leave his body at will and then go to where he focused his intention - as a shen-qi immortal, an Earth immortal. I would say that the original qigong master is an even higher type of immortal that does the “yuan shen” healing as an Emptiness spacetime vortex.

And so for this “part 2” of the Bindu Chakra investigation - I started out with the empirical clue in Part 1 - of the image of the back of the skull as Kunlun - and was this a direct connection to the “water path” secret of Kunlun qigong alchemy training of Max Christensen? Was this the secret of the proper intention of the pre-heaven Water Yuan Qi White Tiger energy?

So the alchemical secret is that when we rotate the eyes we are then unifying and activating the jing and shen energy - with the left eye as the right brain or yuan qi energy yang - and the right eye as the left brain as the yuan shen energy - both channels originate in the heart, with the right side of the heart as the yuan qi source. In the deepest formless awareness state, the left side of the heart as yuan shen goes into silence and stops, the right side of the heart as the formless universe “yuan qi” pulsating at ELF waves then restarts the heart, with it, bringing back the spiritual ego of the yuan shen. So we can surmise again - this refers to the right side vagus nerve and we also know that in Taoist alchemy it is the vagus nerve that is the “water” path that goes down the front of the spine - as the secret of the central channel via the left side vagus nerve. I made this claim, and then the Santiago school of Glen Morris made this claim, and then I discovered in “part one” of the Bindu Chakra blogpost - another Taoist alchemy Qi Dao researcher, as a Western trained medical doctor, making the same claim, that the “real” alchemy down path, down the front, is actually the vagus nerve.

So the idea of the proper “intention” or “awareness” or “attention” of Yi or I that governs the Qi - or guides the qi - is actually the intention or awareness that is formless and the secret of this intention is listening - to the formless. It turns out that science actually corroborates the alchemy claims! So to further my investigation - since I wasn’t finding the Kunlun source at first - I realized that the Bindu chakra is at the juncture or fissure of the parietal and occipital lobes and so must have a name (and therefore a function) in Western science.

Bingo

:

/parieto-occipital sulcus or RSC/POS) were involved in encoding and retrieving target location from different perspectives and were modulated by the amount of viewpoint rotation, the RSC/POS was **the only area showing decreased activity in the primed as compared to the unprimed condition**, suggesting that this region **anticipates** the upcoming perspective change. The retrosplenial cortex/parieto-occipital sulcus appears to play a special role in the allocentric coding of heading directions.

Now what does the alchemy teaching emphasize? The Yi or intention always has to be “ahead” or anticipate the qi. Now what clues did I just give from alchemy? It is the subconscious intention that determines whether Yuan Qi is lost from the heart, via the pineal gland via going out the eyes with the shen (subconsciously as holographic speed of light messages), and more importantly, as the loss down the spine, triggering ejaculation.

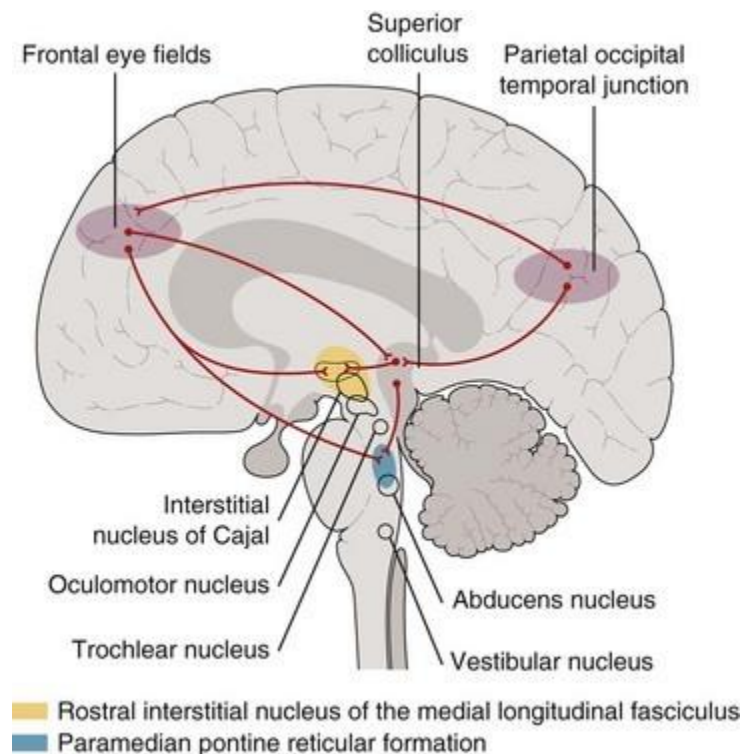


Figure 4-13

Supranuclear control of eye movements. The pontine horizontal gaze center (blue) and the vertical gaze center in the midbrain (yellow) receive input from the frontal eye fields to initiate saccades, and from the parietal occipital temporal junction to control pursuit. These gaze centers control ocular motility by synapsing upon the ocular motor nerve nuclei (III, IV, and VI).

(From Lavin PJM, Donahue SP: Disorders of supranuclear control of ocular motility. In: Yanoff M, Duker JS (eds) Ophthalmology, 2nd edn. St Louis, Mosby, 2004.)

Like I said - Boom! (or in my generation Bingo!). haha. In other words by “turning the light around” you are focusing your

intention

on the Bindu Chakra which then unifies the shen underneath the jing - at its source - in the brain - to prevent the separation of shen and jing going out the eyes, and more importantly, the separation of jing via ejaculation, down the spine, as triggered by the attention of the eyes.

Now guess what is crucial for maintaining this what did it say? **This...UNPRIMED CONDITION.** <http://www.oculist.net/downat0502/prof/ebook/duanes/graphics/figures/v1/0040/002f.gif><http://www.oculist.net/downat0502/prof/ebook/duanes/graphics/figures/v1/0040/002f.gif><http://www.oculist.net/downat0502/prof/ebook/duanes/graphics/figures/v1/0040/002f.gif>

Vestibular proprioception input for the gaze.

See those objects that spiral around - that’s the inner ear connection to the pineal gland as I have emphasized for a long time in the alchemy training! We will find further alchemical corroboration of this inner ear connection to the gaze of intention or attention of the parietal lobe....

The alpha level was higher after non-objects

So now we have a

new factor

- the increased alpha brain waves from attention to “non-objects” - again more science corroboration of the Unprimed condition of formless awareness intention!

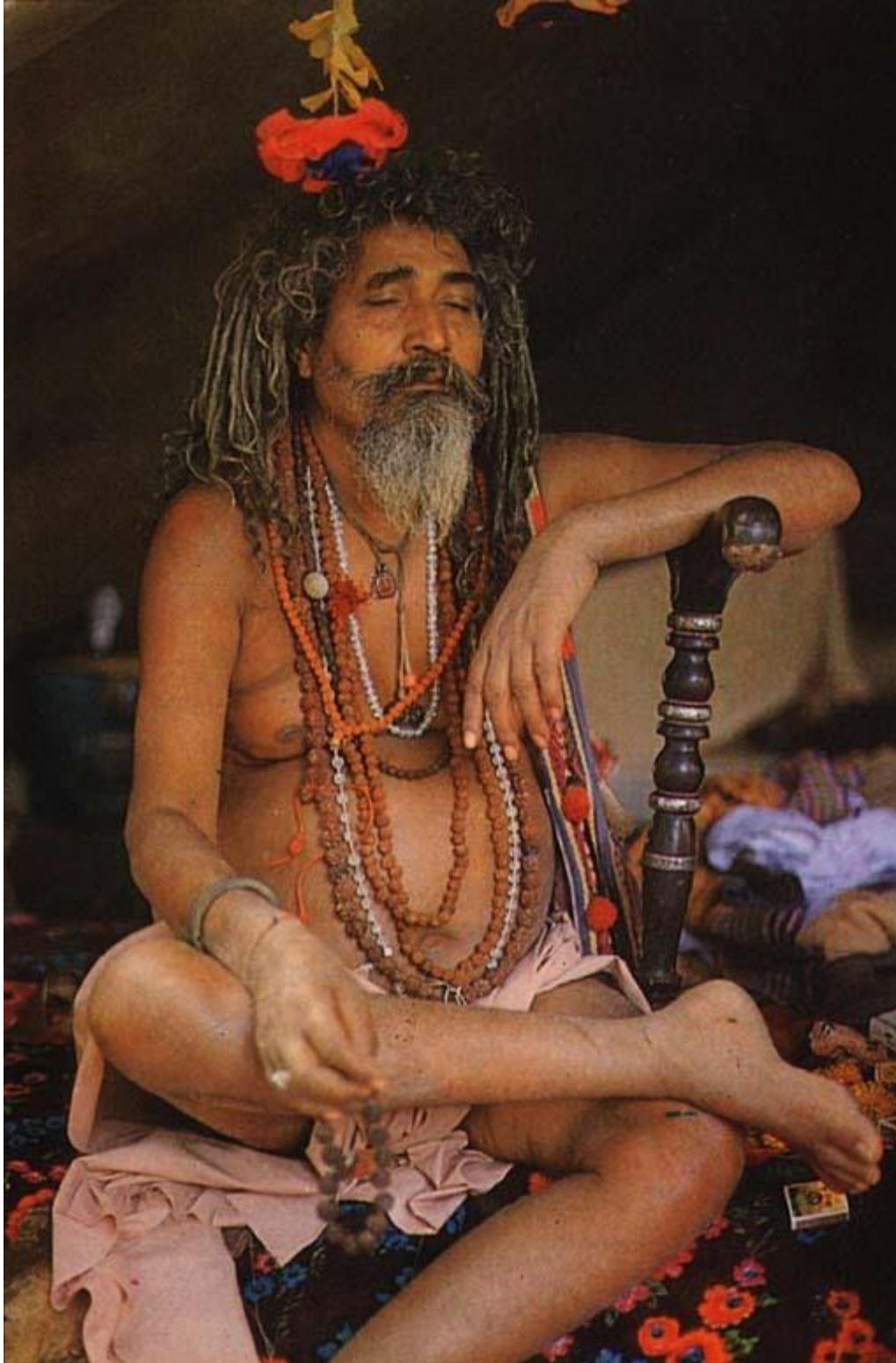
The non-objects were systematically followed by a higher level of alpha than the objects.... suggesting that the alpha level is inversely related to saliency or familiarity of the object and does not directly reflect visual awareness. The reactive alpha rhythm was generated in **the parieto-occipital sulcus, [the Bindu Chakra]** which in several primate species includes areas belonging to the dorsal visual pathway

So when we turn back to alchemy training - like this Secret of Everlasting Life book - translation of the first book focused on internal alchemy in China...

We finally discover that indeed that Kunlun image I had posted in "part one" really is the Bindu Chakra....

googlebook link - water flows down from the Kunlun pass in the back of the brain.

So that indicates that the secret of the Max Christensen Kunlun alchemy training of the water flowing down is from the Bindu Chakra - for real! But wait - there will be further corroboration!



EEG in meditation. Theta rhythm is found mainly in central, temporal and frontal areas. Its episodes (encircled by double line) may appear at the same time when alpha rhythm dominate in occipital and parietal areas.

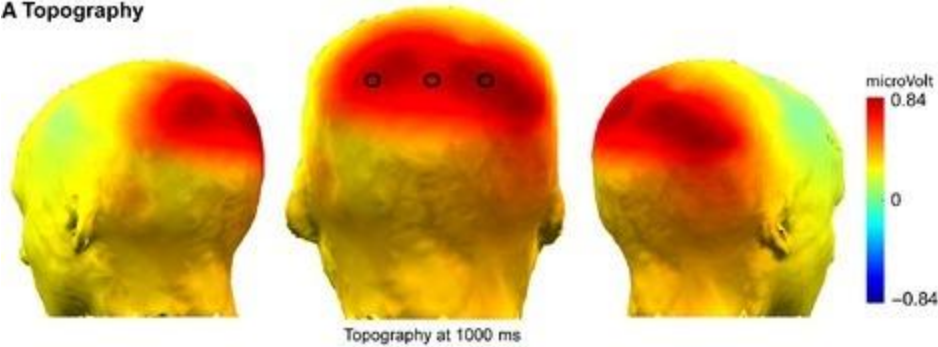
From Moscow University Brain Research Group - spiritual matters !

Now then - what did I just post - about the parietal-occipital fissure or sulcus - the Bindu Chakra - it is highest in alpha waves when focused on a non-object as the UNPRIMED CONDITION and now another brain research group documents the same thing from meditation yogis that focus on the formless awareness!!

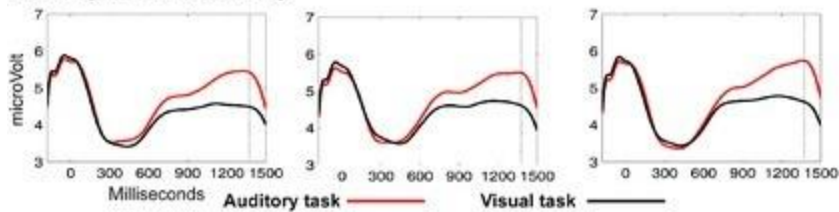
But wait it gets better because as I was doing my research, keep in mind, I was "flexing" or "sucking" on my Bindu Chakra - putting my qi intention there, creating pressure on the skull fissure or sulcus....and amazingly generating great Tummo heat in the lower tan tien. I know from my qigong experience that the tummo heat is best generated when the overflowing cerebrospinal fluid is swallowed, after it overflows out of the nasal cavity. I even quoted alchemy texts confirming that truth - as the "front" path of restoring yuan jing energy via yuan quan energy restoration. I did a blog post making that argument after a certain "school" of Neidan claimed you could not restore Yuan Qi.... using fear tactics while at the same time claiming that celibacy was not necessary for their alchemy training! Hilarious.

Alpha-band activity is significantly greater when subjects have been cued to attend selectively to impending auditory stimulation.

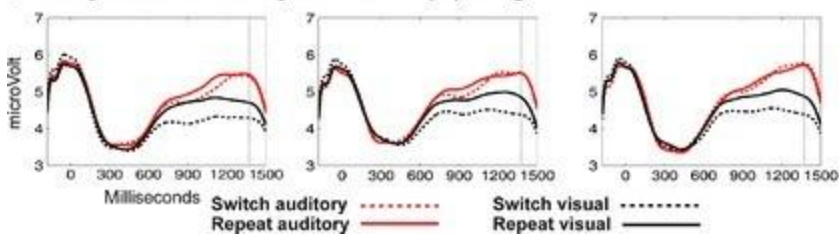
A Topography



B TSE by attended modality



C TSE by attended modality and task-set (re)configuration



So now we have more corroboration that proper intention is UNPRIMES, a non-object, and on listening to formless awareness.

That is what increases the alpha brain waves to be strongest in the back, thereby causing increased theta brain waves in the front - which causes the energy to resonate with the heart theta REM waves. Science has just discovered that contrary to previous claims, it is the REM dream state that are the most coherent brain waves! So now it's time to go back to alchemy training to

dig out further details

:

In simple terms, Kunlun is described as the Downward Water Flow and Kundalini as the Upward Rising Fire. The path of Kunlun is one where the Water or Kunlun energy is brought down to the heart, automatically causing the fire from the root to rise, resulting in the merge of the two to result in alchemy at the level of the Inner Heart. This results in the generation of what one calls the 'steam' or a third magnetic potential, eventually leading to the Great Void (or the Great One – whatever you choose to call), initiated by a magnetic expansion. In terms of Chi, if

you would describe Chi as electric, Kunlun energy can be termed magnetic. The other key difference between Kundalini [fire approach I mean; I am yet to find popularly available water approach to Kundalini except in Kashmiri Shaivite schools] and Kunlun is also their doing – burning in the first case, dissolving in the latter. Also, Fire is all about ascension, becoming the heaven; whereas water is all about bringing heaven down to earth, to the human. Are they eventually the same, may be, may be not, assuming there is indeed an eventuality and a common one lol

Why magnetic? Well science calls it gravitomagnetic - because the magnetic field is the precession as magnetic moment - it is the secret of “yuan qi” as the “hidden momentum” of turning the light around!

I have occasionally heard of a connection mentioned in yoga between the **bindu chakra (top back of head) and the vishuddhi chakra. The relationship is connected with the transformation of amrita which is produced in the bindu chakra** and transformed in the vishuddhi chakra before descending lower down in the body. When the process is not working properly because of obstructions in the nadis or chakras, then, it is said, the process results in a contracted state of consciousness (the creation of persons), but when it is functioning in it's pure state it results in divine consciousness.

So contrary to the “general” meaning of bindu as point - we begin to discover the secret meaning of the Bindu Chakra - as the secret of the Water path as Kunlun Pass in Taoist alchemy!

Bindu holds our life force within. It is the center of where our life nectar, AMRITA, is produced. Amrita is said to help the yogi obtain enlightenment. From there, this nectar drops down toward the third chakra, Manipura. In the Manipura chakra, the life nectar from the Bindu chakra is being used up for various activities of our body. In other words, the fire of Manipura (the name Solar Plexus Chakra is not given by chance) is responsible for burning up and gradually using the nourishing powers of the AMRITA nectar.

So far we have these general declarations without much corroboration.

It's difficult to believe - how could focusing on that Bindu Chakra restore your energy? Well I found out....

So finally we get “official” corroboration that bindu really does mean drop of liquid originally.

Bindu, (cp. Vedic bindu & vindu) 1. a drop, usually a drop of water Sn. 392, 812 (uda°); J. I, 100; Vism. 531 (madhu°); ThA. 281; PvA. 98 (udaka°).—2. a spot (cp. SBE XVII. 155) Vism. 222 (°vicitvā gāvī a spotted cow). <-> 3

So then in the above forum discussion the only reference I could find was this:

“Kundalini Tantra” by Swami Satyananda Saraswati. [google pdf link](#)

Amazingly this book gives great focus and attention to the Bindu Chakra - it discusses the Bindu Chakra as one of the key - if not the central secret of the alchemy training. Just word search Bindu.

What’s fascinating about that book is the Bindu Chakra is considered to be focused on by

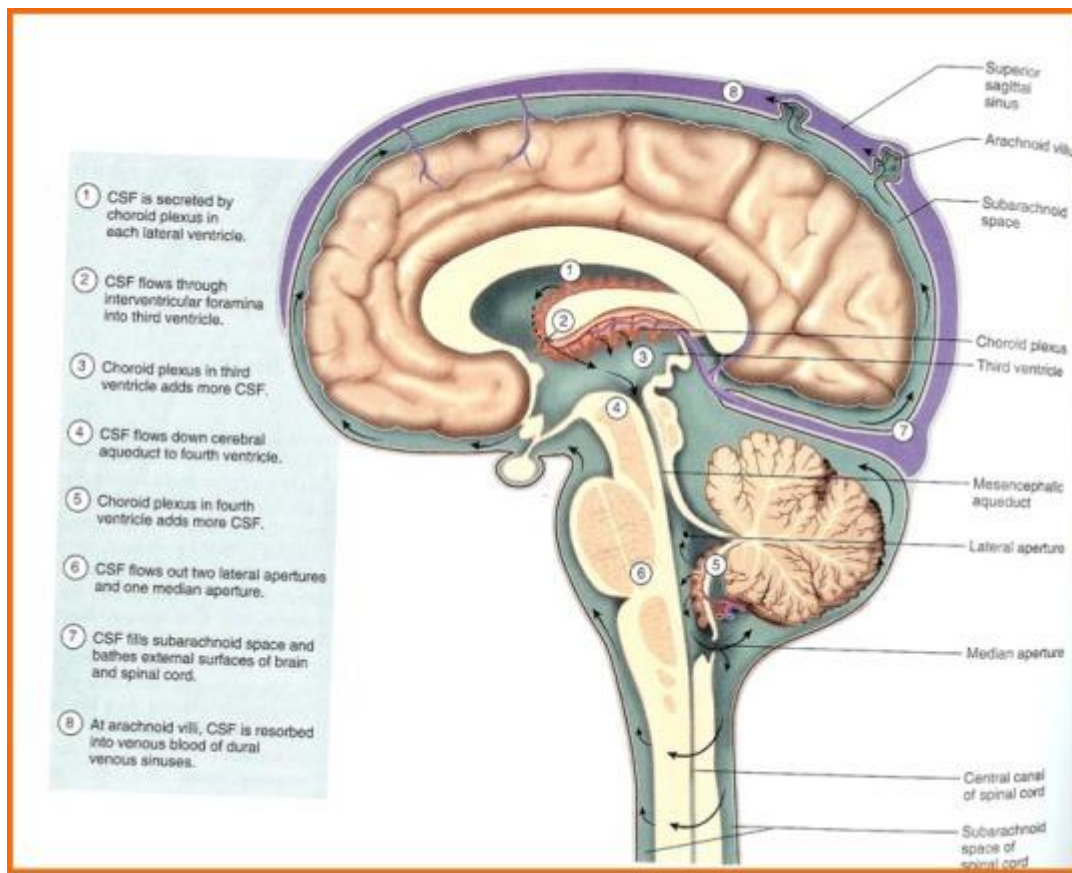
listening

as the source of the OHM sound - and you listen to high frequency sounds. Guess what? when I was earlier doing the science research I discovered another “hypersonic effect” study **and the alpha brain waves that are increased by the ultrasound hypersonic effect? They emanate out of the parietal-occipital area of the brain!**

Indeed, the natural environment, such as tropical rain forests, usually contains sounds that are extremely rich in HFCs [high frequency components] over 100 kHz [3] [ultrasound]. From an anthropogenetic point of view, the sensory system of human beings exposed to a natural environment would stand a good chance of developing some physiological sensitivity to HFCs. We also found that some musical instruments, such as a gamelan of Bali, Indonesia, produce a significant number of HFCs over 100 kHz [3]. *Deep Brain Activation*

So that book points out how then the Brahmins have a knot of hair tied at that Bindu Chakra in order to increase pressure on the skull as a meditation focus. There is 2016 research confirming that alpha wave binaural beats are strongest in the rear parietal lobe, and based on attention. Also that when there are competing thoughts as beta brain waves, it is the alpha brain wave the “suppresses” one thought, over another. Finally it is proven that an electrical current applied to the brain at alpha hertz increases creativity, similar to meditation.

So I began searching this source for more details....and bingo or Boom! The science and alchemy of Taoist and Vedic traditions merged together:



Secret of how the cerebrospinal fluid gets pulled down into the central channel via the Bindu Chakra

There is a connection between the Arohan and Awarohan psychic passageways in Tantric Kriya Yoga, and the Conception vessel (CV) and Governor vessel (GV) of traditional Chinese Medicine, and the segmented dermatomes (distribution of spinal nerves to the front and back of the body).

In the Bihar School of Yoga publication Moola Bandha the Master Key (1978, Page 122) by Chela Buddhananda, there are correlations drawn between the Arohan (frontal / anterior) psychic passageway and the Conception vessel & the Awarohan (back/posterior) psychic passageway and the Governor vessel.

Chela Buddhananda states, that the ancient Chinese must have known about Kriya Yoga, because in one of the ancient Chinese scriptures called the "Tai Chin Hua Tzang Chih (The Secret of the Golden Flower) there is as meditation technique very similar to that used in the Tantric Kriya Yoga.

Finally someone from the Kriya yoga tradition - is making the connection to the Small Universe meditation! haha.

Unfortunately the Australian ashram of that Bihar school was doing evil sex abuse on youth.

So having the proper intention of the Bindu Chakra is all the more important for doing the proper yoga training! What we have discovered is the Bindu Chakra over-rides - it's a short cut - and focuses the intention or perspective back on the "awareness" to hold the qi back to restore the Yuan Jing as the Water path going down the front of the spine....and as Master Nan, Huai-chin points out when the jing is converted to qi then a loud OHM sound emanates from the heart. In fact I discovered a new brain study of ayahuasca users and found they have highly increased alpha brain waves in the parietal-occipital region! I mention this since when I did a strong ayahuasca test while in full lotus - I heard this loud OHM sound from the heart.... Another interesting point from science is that hallucinations say seen in the left eye are caused by brain damage in the right side of the parietal-occipital region - so again we see how the cross over works for the energy.

So by focusing or "sucking" the cosmic Yuan Qi energy through the Bindu Chakra - then the cerebrospinal fluid bypasses the eyes and prevents the qi-shen from being lost out of the eyes - instead the alchemical amrita flows down as the Water Path -down the nasal sinus cavity via the pineal gland and swallowed down to the stomach.

9. The method used by the ancients for escaping from the world consisted in refining away the dregs of yin in order to return to the pure Qian (Heaven ☰). It is just a matter of dissolving the lower self and completing the higher self. Turning the light around is the method of dissolving yin and controlling the lower self. Except for the secret of turning the light around, **there is no other exercise to return to Qian (Heaven ☰). The light itself is Qian**; to turn it around is to return to it. **Just persist in this method**, and naturally vitality-water will be sufficient, spirit-fire will ignite, intent-earth will stabilize **and thus the holy embryo gestates.**

And so turning the light around really does mean focusing the shen below the jing - but starting to do that in the brain by focusing on the Bindu Chakra or Kunlun Pass but this is only understood by properly understanding the psychophysiological secret of the small universe meditation, detailed in the book *Taoist Yoga: Alchemy and Immortality*

. It's only by doing a comparative study that this research is revealed.

https://lh6.googleusercontent.com/proxy/R8e1u4IRnisqHy45GfPrIqtSoIPECH-DStuyRb-GrJcOSJhGR7WcwtYbWJsJWv_CfJUAaBJ5M2aUR5S0hJ-qr1IRhBWxpOqnzq04p2nTpxSk98zlsaf5-GLVapxXJHz7670idvZzsu9aCk309ENE=s0-d

So as I recommended to read what for me is the most important book of my life,
Taoist Yoga: Alchemy and Immortality

, I then returned to review it, after having not read the book in many months. I was also given a good comment that was discussed on thetaobums also. Just as I have recently focused on the Bindu Chakra, the book

Taoist Yoga

states to first focus meditation on the “original cavity of spirit” until you see light and then feel heat in the lower tan tien, strong heat for one day. But this is very difficult on its own and the secret is the “squinting” the eyes on the nose or the rotating of the eyes - called “gathering” the energy:

“the cultivation of heart to preserve (essential) nature....**If you can not set your heart at rest** in order to fix spirit in its original cavity (in the centre of the brain between and behind the eyes).....” p. 84

“...for if **spirit wanders** outside, **vitality will scatter** to become generative fluid the exhaustion of which leads to death.” p. 83

“While sitting in meditation the practiser **should never...3, look at external objects**, for there the **spirit wanders thereby harming the incorporeal soul (hun)**” p. 117

“However if he can unite the element of metal (male) with that of wood (female) and the sun and the moon in one place....he will see the light of true vitality **in front of** his original cavity of spirit which will then hold it to prevent it from running away; the longer it is held the brighter it will be. When it becomes stable it reveals the successful union of the dragon and tiger (i.e. the female and male vital breaths).” p. 72

So at first you see light inside the brain but only when the qi energy is built up is the light seen “in front of” (meaning outside the body) the third eye.

“which manifests when your body is full of prenatal generative force and disappears when the latter is lacking.” p. 80

“driving the first two [generative force and vitality] into the third [shen or spirit] to invigorate it.” p. 78

But the key point the book makes is that successful focus on the “original cavity of spirit” that is the third eye in the center of the brain, the pineal gland, that emanates “true” or “prenatal vitality” (*Yuan Qi*), thereby creating the spirit shen light

, requires that the heart be empty of passion and over-excitement and anger. If this is not possible then the small universe meditation is needed.

Hence the method of correct breathing is to circulate quick [strong] fire up and down (in the microcosmic orbit) and **so immobilise the generative force causing the genital organ to retract** (thus stopping the draining of vitality). After it has shrunk, the practiser should breath *in* to drive the generative force into the base of the spine and thence up the backbone into the brain; p. 34

The book

Taoist Yoga: Alchemy and Immortality

quickly (pg. 3) points out that there are two psychic channels that run up from each side of the body to the top of the medulla oblongata - so again that is to the pineal gland, the physical source of the third eye; but those two psychic channels then run to the eyes.

“...west of the sun (the left eye)....” p. 4

“The left eye stands for the East whose element is wood and the right eye for the West whose element is metal.” p. 65

True nature is prenatal vitality is prenatal vitality [yuan qi] in its cell [pineal gland] on top of the medulla oblongata. p. 66

“left and right sides [of the third eye] are linked with the pupils of the eyes by (two) psychic channels; and it is also connected with the heart. Hence it is said that essential nature is in the heart and manifests through the two eyes.”

“The sun and the moon, when turning round, unite the positive yang with the negative yin so that a glorious light emerges in the centre of the brain.” 64

footnote: the left and right eyes stand respectively for the sun and moon; i.e. the positive and negative yin.“

We can see from my Bindu Chakra research, this most likely is referring to the vagus nerve and the arteries and veins - as the Taoist Body uses the terminology of artery and vein - as the dragon and tiger channels. But the

Taoist Yoga

book is very clear that "only the two eyes are positive" and the rest of the body is yin qi energy - meaning only the two eyes emanate the prenatal vitality, as the book explains that the two eyes have "one source."

"The left eye stands for the East whose element is wood...." p. 65

"...the female element of moon is the wood...." p. 85

https://lh6.googleusercontent.com/proxy/R8e1u4lRnisqHy45GfPrlqtSolPECH-DStuyRb-GrJcOSJhGR7WcwtYbWJsjWv_CfJUAaBJ5M2aUR5S0hJ-qr1lRhBWxpOqnzq04p2nTpxSk98zIsaf5-GLVapxXJHz7670idvZzsu9aCk309ENE=s0-d

So it's very important to understand the eye energy and what these two eye channels are - and we learn soon in the book, page 3, that the left eye is solar and the right eye is lunar. **But here is where the mystery begins** because it is not until the very end of the book that the left eye is revealed to be the "positive spirit" energy channel - the yang shen - immortal man - channel that is combined with the negative vitality of the body that creates the golden light.

p. 156 "the left eye stands for the positive spirit"

The mystery is this - the left eye is solar but it is also the liver hun incorporeal soul or dragon energy and yet the liver is also detailed as *lunar* and wood energy!

A serious contradiction

! But notice above the quote says to "unite" the sun with the wood and the moon with the metal, a serious clue:

unite the element of metal (male) with that of wood (female) and the sun and the moon in one place

Again this contradiction is not solved until the very end of the book when we learn that the "solar" of the left eye is actually the "positive spirit" as the "yang shen" or immortal man. The golden light immortal man, at the very end of the training, once finally all the yin shen negative vitality of the body is transformed into yang shen, then vaporizes the whole physical body into pure formless qi that

is boundless with the whole universe. When the yang shen wants to be in once location it then condenses back into the golden immortal body as positive spirit.

The Hun soul controls our essential nature [xing], and hence, our congenital [yuan qi] meridians.

<http://www.scholarsage.com/the-hun-and-symbolism/>

..the spiritual [body] is prenatal vitality [yuan qi] ...and is our essential nature.”
p. 74

So the original qigong master shared at the Level 3 retreat in 2000 that he knows meditation masters in the mountains of China who are developing their golden light aura as the yang shen. And once I had this book with me in class - but hidden in my back pack, I never brought it out, and yet the original qigong master shared how his meditation energy had been very deep lately and he had seen the falling snow in the sky as flowers falling in the winter. This is a direct reference to the end of the training as the golden light of the yang shen is developing. What the book states is that if you don't open the top center of the head then you just end up with the yin shen - the white light - that others can not see and has less abilities and in the end is not immortal. And the original qigong master even described how the top of the head really does open up and some masters will have something stuck through the opening - like a reed or some thin plant like that.

https://lh6.googleusercontent.com/proxy/R8e1u4lRnisqHy45GfPrIqtSoIPECH-DStuyRb-GrJcOSJhGR7WcwtYbWJsJWv_CfJUAaBJ5M2aUR5S0hJ-qr1lRhBWXpOqnzq04p2nTpxSk98zIsaf5-GLVapxXJHz7670idvZzsu9aCk309ENE=s0-d

So in the very end of the Taoist Yoga book it states that the “four elements” are vaporized - and then refers the reader back to page 31 - and those four elements are the body itself, the breath (post-natal or yin qi), and the Hun soul and the Po soul. Again the Hun soul is from the liver and the Po soul is from the lung and both then go to the eyes - the Po soul is the whites of the eyes and the Hun soul is the irises of the eyes.

Taoist Yoga: Alchemy and Immortality

: The Hun spirit is negative - meaning still yin shen - and so is from the consciousness of the heart - not the true original spirit of the heart. The hun spirit is then powered by the yin qi of the liver but is moved by the heart - it “obeys the

heart's impulses." The po spirit is then powered by the yin qi of the lungs - metal - passion - it also is moved by the heart's impulses.

"Liver qi communicates with the eyes," states the *Neijing*, "and if the liver functions harmoniously, the eyes can differentiate the five essential colors....If the liver receives blood, we can see. The liver channel branches out to the eyes. Both liver qi and liver blood flood the eyes to maintain proper eyesight. A person's eyesight may therefore also serve as an indicator for liver function.

And so to go back to how to open up the Original Cavity of Spirit - it is crucial to understand this secret:

"...the element of fire in the eyes which are above scorches that of the water in the belly which is below, to produce positive vitality whose light manifests in front of him....the white light of vitality." p. 122

So if a person is not able to manifest this white light - seen externally outside the person as auras - then the white light seen just internally is the "relative void" that is "useless."

For the cultivation of nature alone ensures only the descent of the positive firewithout the ascent of the (vital) breath from below;" p. 56

Why? The microcosmic orbit training describes the energy going down the front of the body as "negative fire" or yin qi energy - whereas the energy going up the back of the body is "positive fire" or "quick fire" - that is the prenatal vitality, as it is stronger than the yin qi blockages and yin jing blockages of the generative force - so the quick fire is what activates and creates the yuan qi or prenatal vitality that then expands the energy channels.

"the light of the eyes directed downward is positive" p. 123

So the reason that the light of the eyes directed downward are positive is because that is the light seen externally also - the light that manifests when the original cavity of spirit is open as the light of yuan qi or prenatal vitality that later manifests as the "positive spirit" when creating the immortal man, but only after the liver lunar qi energy is build up from the negative vitality! Chapter 11: **"the object of [alchemy] which is to realise the full development of positive vitality [yuan qi]."**

And so not until the generative force is full does the positive vitality manifest to open up the cavity of original spirit with white light seen externally. That means the energy has to be restored to that of a 16 year old!! That is why it is much

easier to do this training, the younger a person is. I achieved this “enlightenment experience” when I was 29 years old and I maintained it only for a few weeks!! Since I did not understand the training - the energy “drained” away and then I overused the energy from the “evil fire” of the heart - as the book details.

If (essential) nature is still, the incorporeal (soul) lies hidden to let the element of wood return to its source. p. 31-2

So there we finally get the direct connection between Xing as essential nature and the Hun - and the Xing then is the prenatal vitality or yuan qi that emanates out of the eyes via the pineal gland but when is “still” and not lost out of the eyes, then returns to the liver. So this can be used as the reference source for the Neidan entry on Wiki!! haha. I’ve never submitted anything to Wiki and don’t plan to - but nice to solve this secret of alchemy!!

The home of *qi* is said to be centered around the liver^[citation needed].

<https://en.wikipedia.org/wiki/Neidan>

And this:

The ***Neijing*** comments in its typical terse code: “*Hun* is that what follows *shen* going in and out.”

So that makes sense when we consider the prenatal vitality or yuan qi is necessary to be built up to enable the shen to go in and out of the body.

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So then now we get the crucial secret of Xing meditation - the focus on essential nature in the center of the brain, the original cavity of Spirit, as the beginning of the meditation:

“When the eyes cease seeing, the incorporeal soul is in the liver” Hsing-ming kuei-chih [“Balanced Instructions about Inner Nature and Life-Realities”] of 1615,....If essential nature is still, the incorporeal (soul) lies hidden....“

"Hence it is said that essential nature is (in) the heart which manifests through the two eyes....It is only when true vitality develops and united with essential nature to become one whole that the latter is called the precious cauldron [the third eye opened]." p. 10

So as the original qigong master states only after the liver energy is built up does the heart open up - as the third eye manifesting. Use your consciousness to go into the Emptiness - the universe is the green liver energy and now we know why!

The Hun moves upwards towards the Shen and its movement gives the Shen the capacity to extend and project outwards. The movement of the Hun towards the Shen is a psychic equivalent of the physiological ascending movement of Liver-Qi.

<http://maciociaonline.blogspot.com/2012/11/shen-and-hun-psyche-in-chinese-medicine.html>

And yet the only way to build up the qi energy is by first building up the lower tan tien energy!

My master said: When the generative and vital forces in the lower tan t'ien cavity move away they become liquid but when they return to that cavity they are prenatal vitality [yuan qi].“ p. 59

And so how is this connection to the lower tan tien made! With the eyes closed!!

"When he wakes up, and **opens his eyes**, spirit returns to his organ of sight, **thereby disengaging the heart from the lower abdomen** which will not reunite even if he starves for a week.” p. 82

So the “true vitality” or yuan qi of the lower tan tien then unites with “essential nature” as the liver qi that powers the heart shen in the third eye.

essential nature is “negative breath in the heart.”

Yin qi of the liver.

“This spirit’s **fire derives from the spiritual power in the eyes**, and if supported by postnatal breathing [quick fire breathing], can sublimate the generative force and sustain the inner vital breath.” p. 55

So we are beginning to see how crucial the liver qi is - as the Hun and essential nature yuan qi source....

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The lower tan tien has the main source of Yuan Qi - but the liver is the source of yuan qi for the spirit that guides the practice - and so you have proper intention of the spleen/pancreas that then through deep quick fire breathing builds up the

lung qi energy which then builds up the kidney energy - which is then sublimated up into the brain, to then go back down and increase the yuan qi energy in the lower tan tien.

“The male element of metal is the sun and the female element of wood is the moon” in the post-natal state, the sun and the moon do not unite.... “...the sun (the left eye or male principle) with the moon (the right eye or female principle);” p. 90

So again the mystery here is that the left eye is the sun as the Liver Hun which is Lunar Wood energy - yin qi - but the Po as yuan qi is the Sun as metal but is the right eye lunar energy!

So not until the eyes are properly rotated which truly means the alchemical inversion of dragon and tiger - sun and moon within each other - as I go into the “Idiot’s Guide” article - and this process truly ends in the immortal golden body, thereby finalizing the connection of the negative vitality as the source of the positive spirit of the sun of the left eye. From the glossary:

“**negative fire** in the stove” [lower tan tien]

fire derived from prenatal vitality is “negative fire” in the house of water....

“spirit in li” the house of fire (the heart) is **essential nature**.

Nature-**vitality is negative**

golden light reveals the fullness of the “**negative vitality** within the generative force.”

https://lh6.googleusercontent.com/proxy/R8e1u4IRnisqHy45GfPrIqtSoIPECH-DStuyRb-GrJcOSJhGR7WcwtYbWJsjWv_CfJUAaBJ5M2aUR5S0hJ-qr1IRhBWXpOqnzq04p2nTpxSk98zIsaf5-GLVapxXJHz7670idvZzsu9aCk309ENE=s0-d

So that is all from the Hun liver Xing qi - this is the “purification” into yuan qi - down the front channel of the generative force as it builds up through the small universe meditation! But the light from that yuan qi is then called “positive fire” or “positive spirit” when it is built up even further as the golden light!

This academic book details how there’s been a long debate about the relationship of Hun to Xing.

So my interest in that topic has serious standing but as we can see it is crucial to the alchemy training!

The *Liji* (11, tr. Legge 1885:444) compounds *hun* and *po* with *qi* “breath; life force” and *xing* “form; shape; body” in *hunqi* 魂氣 and *xingpo* 形魄.

We can now understand the specific alchemical secret of that combination - the solar-lunar-metal-wood alchemy!

<https://voidisyinyang.blogspot.com/2016/07/the-idiots-guide-to-taoist-alchemy.html>

Chapter Four: The Blue Light of Blues Music: Quantum Biology, Metaphysics and Meditation

Eco Echo Invasives Extraction

I hear my echo in the echoing wood -- simultaneous reception of echoes results not only in the incorrect separation of clocks within a moving chain; also asynchronicity of those clocks. Clocks necessarily get entangled through time dilation leads to a loss of coherence of a single clock. Phase coherence in the spin has the uncanny property of reversing the time flows backwards. we feel a vibrant buzzing, hear an uplifting tonal hum inside of us. There is always music in our heart and head

[Readers of my energy - quotes - promotionals](#)

[Spooky Action At a Distance that Uses Telepathic Methods - youtube playlist](#)

[Best Compilation of Bioenergy Spirit Demonstrations youtube playlist](#)

[Idiot's Guide to Daoist Taoist Yoga Neidan Qigong Alchemy Neigong Meditation Kundalini Energy links on youtube](#)

[77 Different Sources on de Broglie Law of Phase Harmony and Spiritual Force](#)

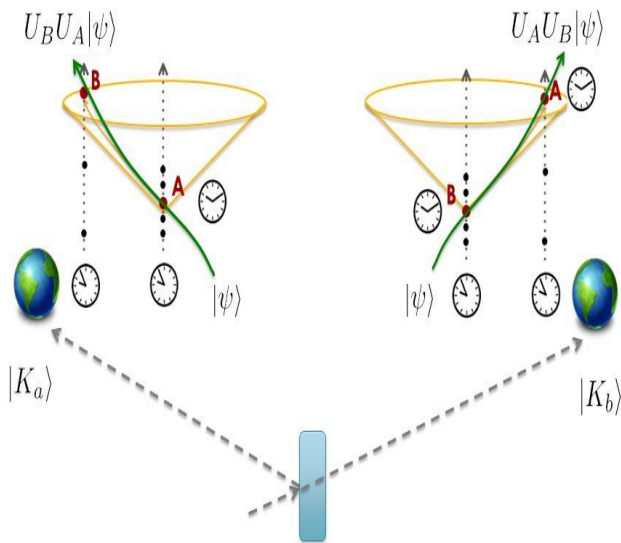
The Blue Light of Blues Music: Quantum Biology, Metaphysics and Meditation

"The universe and I came into being together; I and everything therein are One."

"If then all things are One, what room is there for speech? On the other hand, since I can say the word 'one' how can speech not exist? If it does exist, we have One and speech -- two; and two and one -- three(14) from which point onwards even the best mathematicians will fail to reach (the ultimate); how much more then should ordinary people fail?">"

- Chuang Tzu, 300 BCE

Gravitational quantum switch

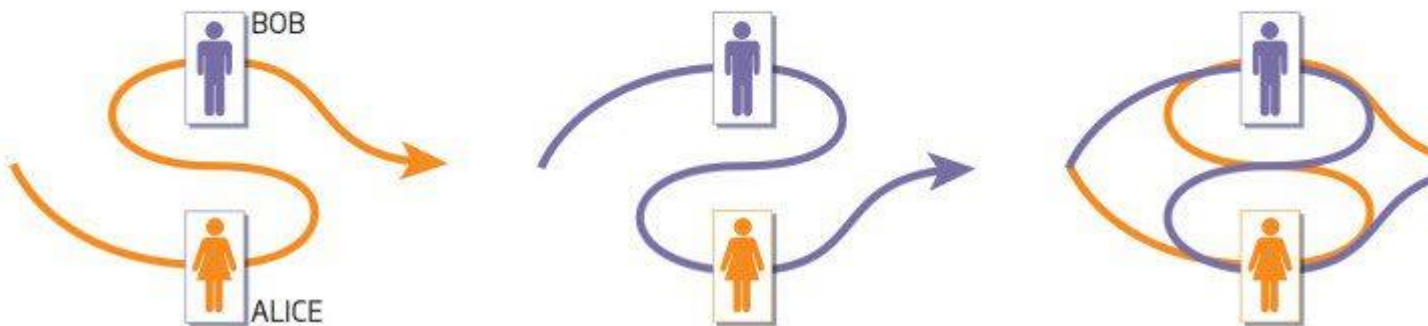


$$(|K_a\rangle + |K_b\rangle)|\psi\rangle \rightarrow |K_a\rangle U_B U_A |\psi\rangle + |K_b\rangle U_A U_B |\psi\rangle$$

Quantum control of temporal order

Who's on first? It's hard to say...

Alice and Bob can both alter the quantum state of a photon as it passes them by, producing a different result depend the order they act. But if the path of a photon is in a quantum superposition, it's impossible to say who went first



Quantum Nonlocality is from eternal asymmetric time as the 5th dimension, or noncommutative phase as the Tai Chi secret (the three gunas).

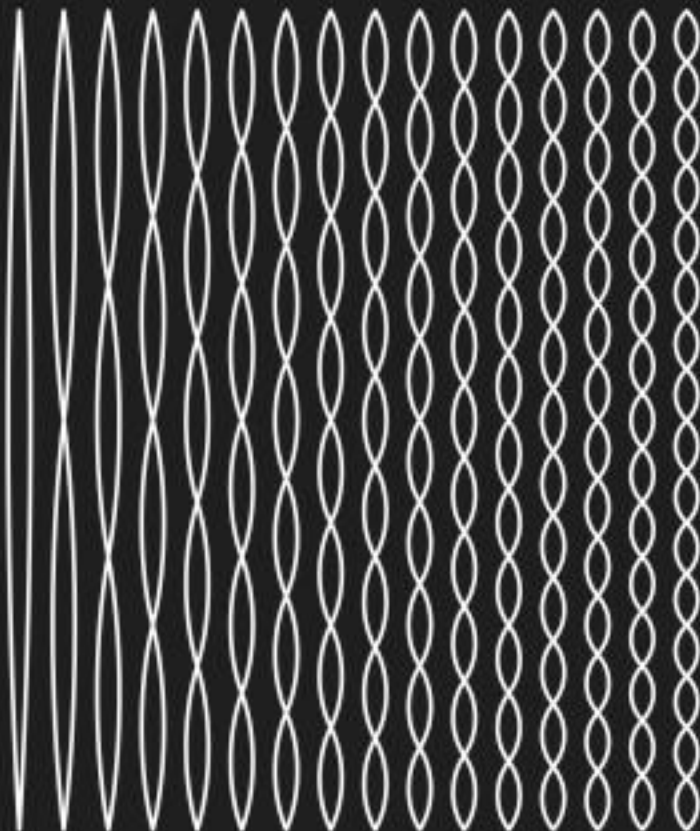


Monday, February 12, 2018

Why Eli Maor is Wrong about Music by Numbers: The Blue Light of Blues Music: Quantum Biology, Metaphysics and Meditation

The Blue Light of Blues Music: Quantum Biology, Metaphysics and Meditation

Music by the Numbers



FROM PYTHAGORAS
TO SCHOENBERG

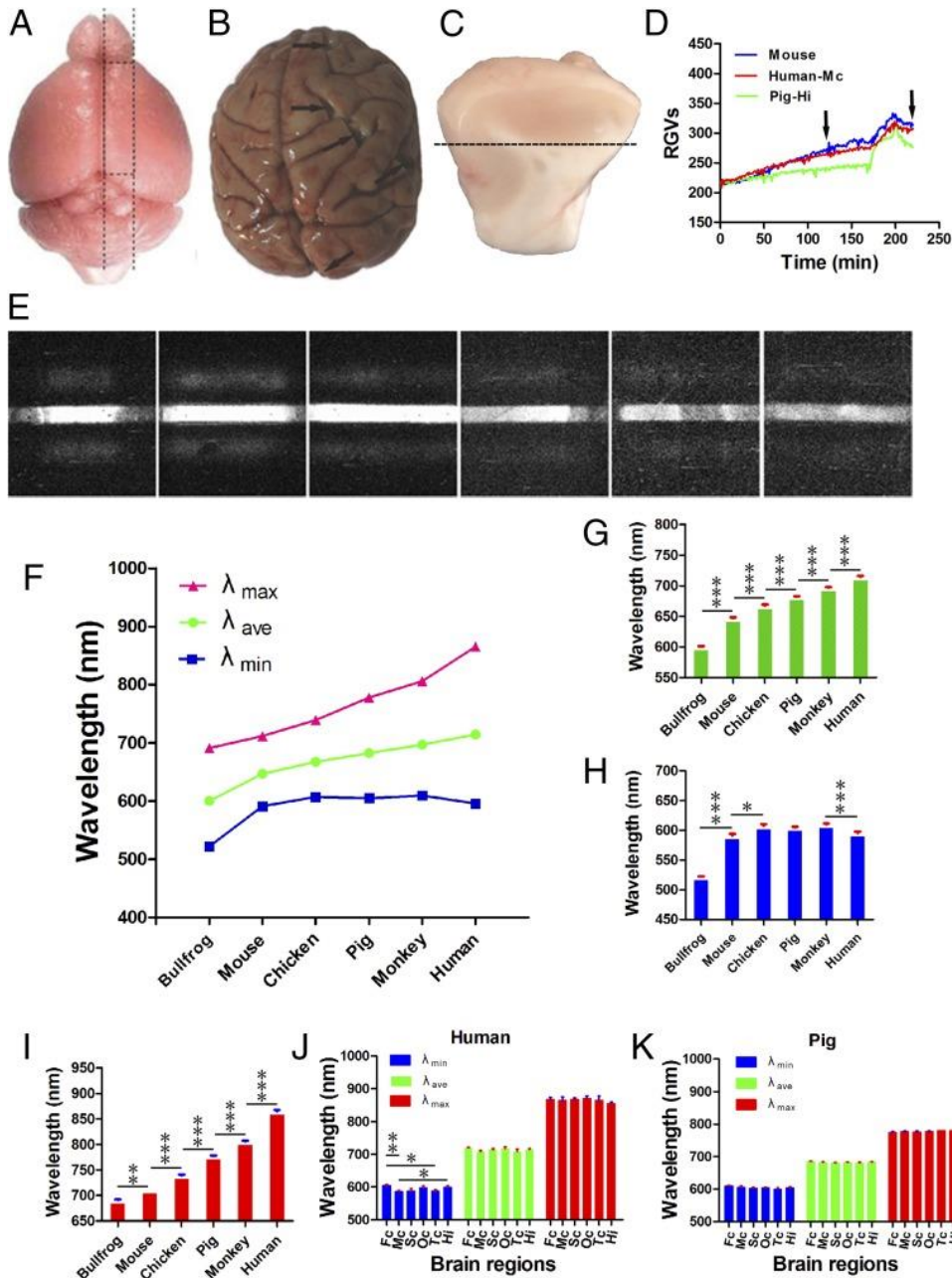
Eli Maor

Another Corporate-State mass mind control science lie book about Pythagoras will soon be available

The below article debunks it.

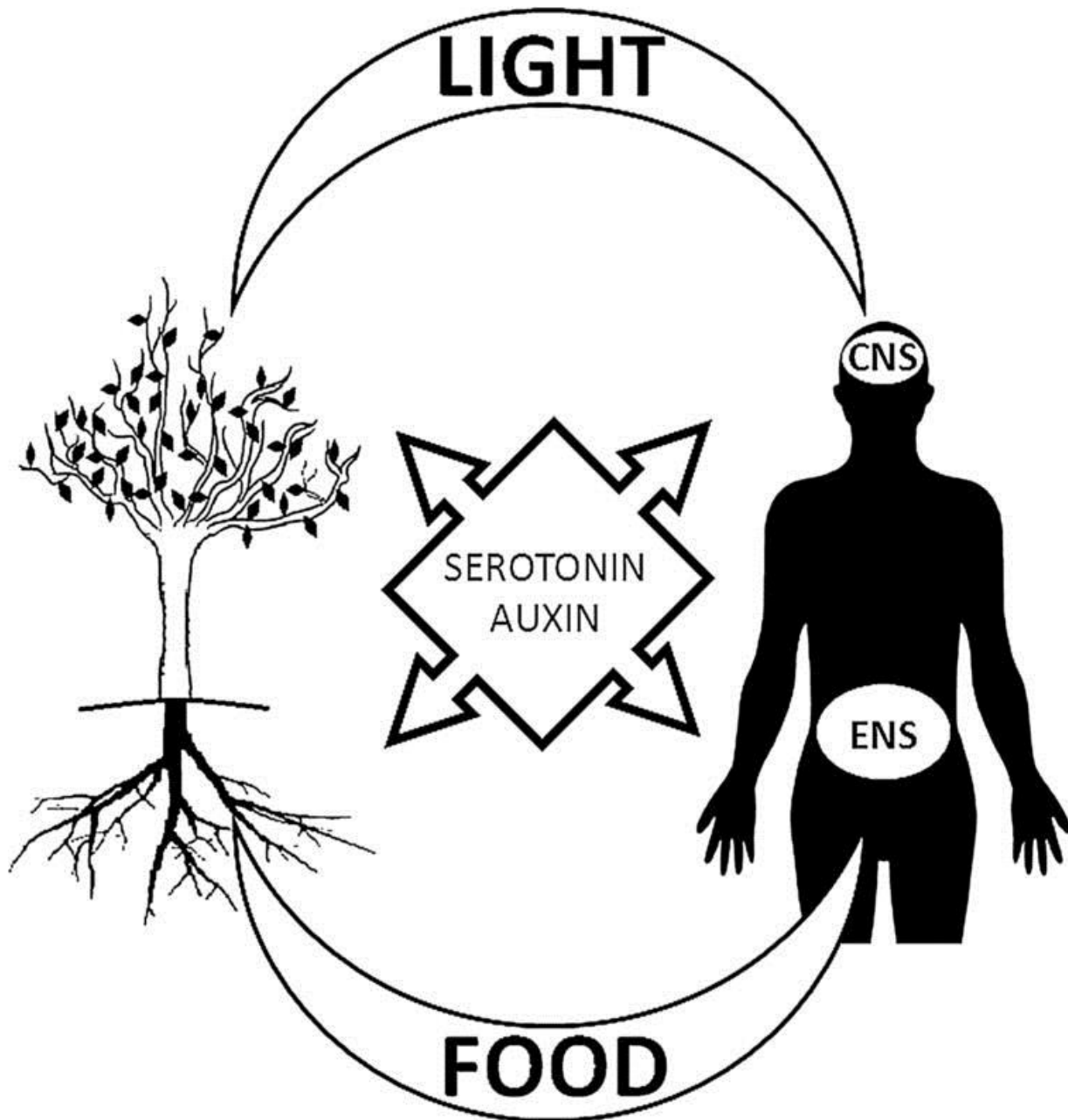
Drew W. Hempel, MA,

2018, anti-copyright (free distribution, educational)



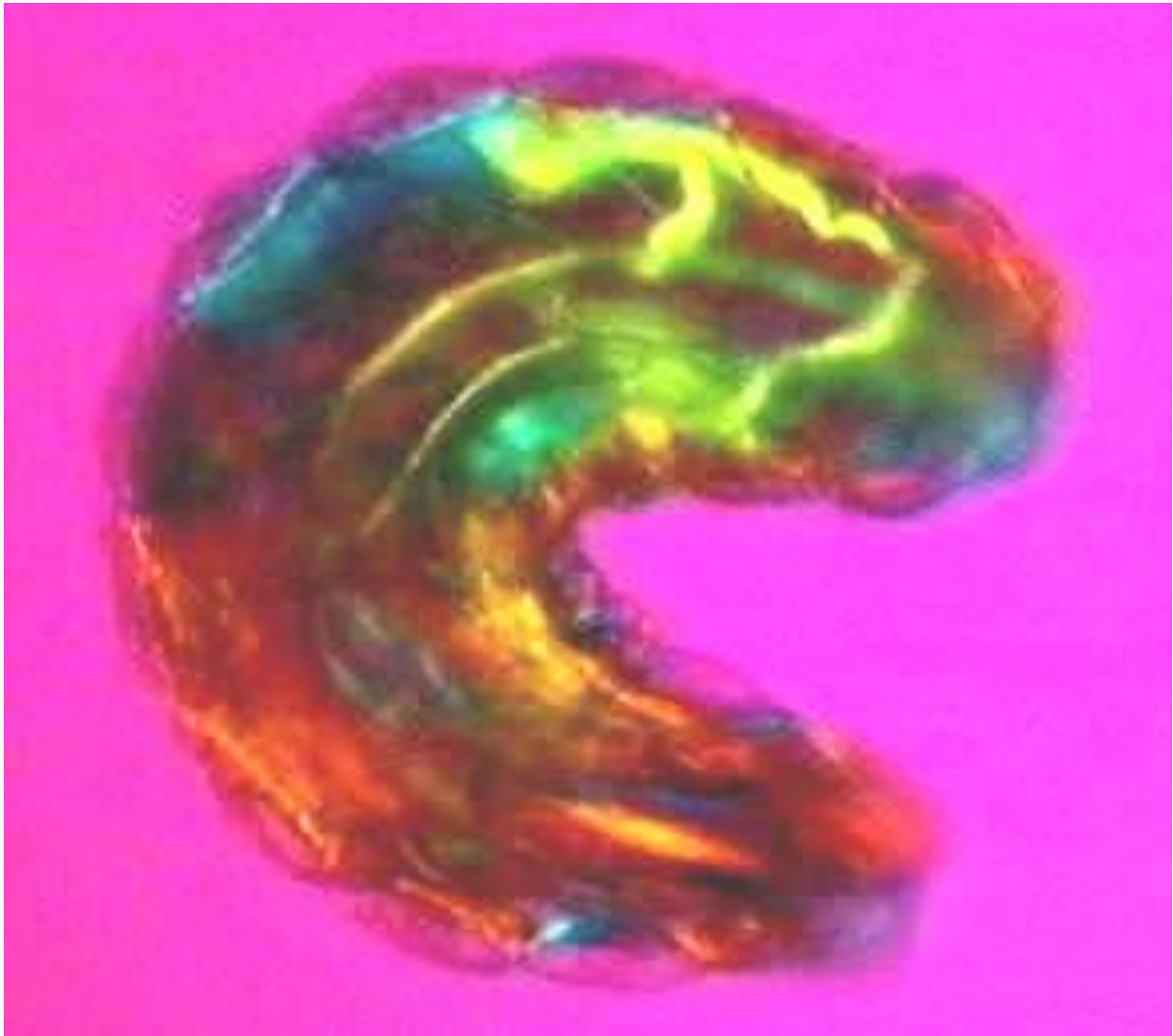
Something wrong happened to a group of humans starting around 10,000 years ago, something that archaeologist Jacques Cauvin dubbed the "symbolic

revolution." This "symbolic revolution" spread around the world as what Professor Alfred Crosby described in his book titled "Ecological Imperialism." We, as the above shows, shifted our consciousness from the blue biophotons into the red biophotons.



Left brain dominance symbolic revolution cut off access to right vagus nerve
sublimating serotonin into third eye Schumann resonance

And now we face what Professor emeritus Guy McPherson has dubbed a "predicament" meaning there is no techno-fix and humanity as a whole is going extinct, along with destroying the ecology, the diversity and harmonic balance of the millions of species on our home, Earth.



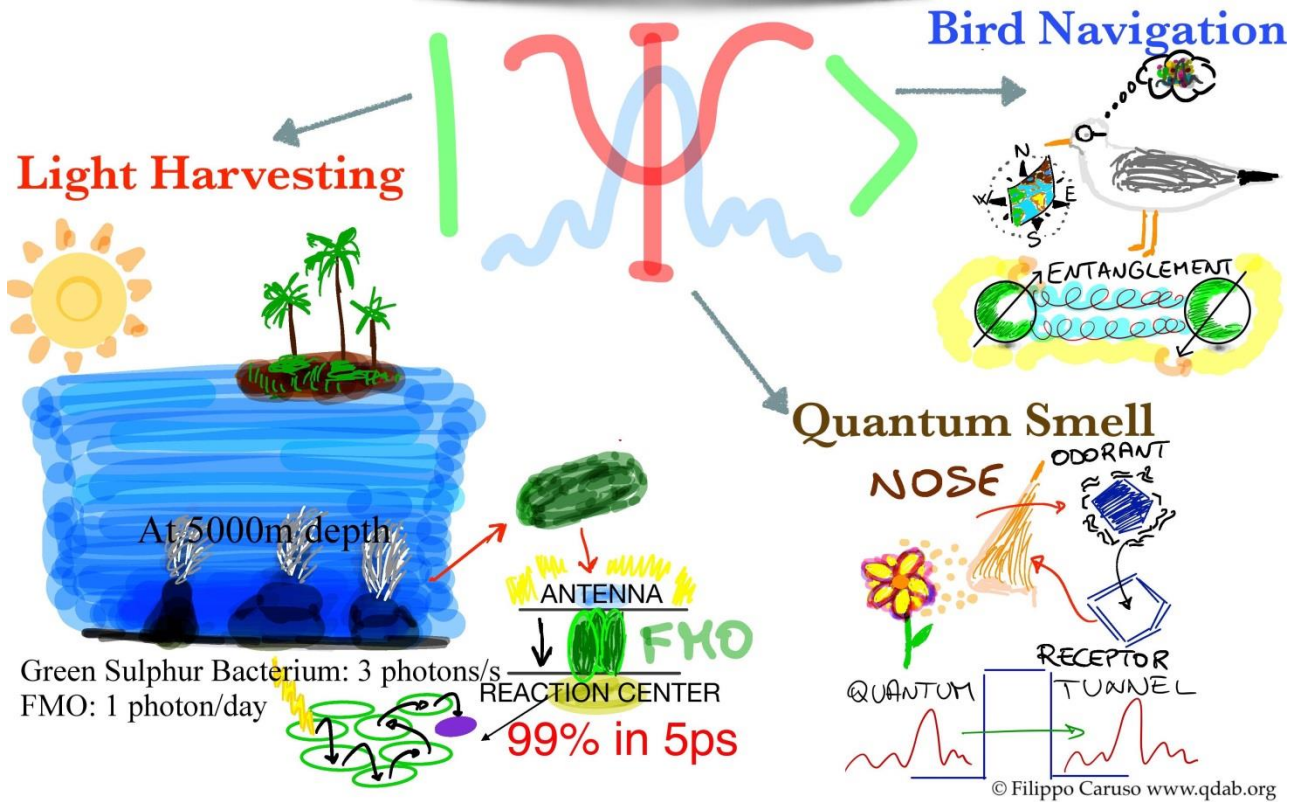
Dr. Mae-Wan Ho proved that molecules of life are based on resonant quantum coherent energy transfer, emitting biophotons, each of us has a spirit inside us! birefringent, liquid crystalline order gives off the coherent biophotons. "The most coherent parts are the most active parts, showing up in the organism as those with the brightest colours. (We've done all the physics and mathematics to prove that's the case.) And when the organism dies, the colours fade as random thermal motions takes over." Dr. Mae-Wan Ho

"..life is driven by nothing else but electrons, by the energy given off by these electrons while cascading down from the high level to which they have been boosted by photons. An electron going around is a little current. What drives life is thus a little electric current." Nobel Laureate biochemist Albert Szent-Györgi



Almost everyone is in denial about this situation of the global destruction of ecological diversity of life as the biosphere habitat and I personally told Vice President Al Gore, in 2000, that "it was too late, we have to keep the oil in the ground."

Quantum Biology



At first radical ecologists, like myself and Guy McPherson, thought that if we "visualize industrial collapse" then humans have a chance to restore ecological habitat, to maintain growing food at scale and have clean water and air. Water at the interfaces of membranes and macromolecules is in an excited state, a coherent domain, requiring less energy to split. This "EZ water" has a higher refractive index and density as a "coherent domain" and up to 100 times the electrical conductivity. There is an equivalent separation of protons by up to 1000 times. The water not only traps or captures piezoelectric energy and biophotons but then produces phase-locked oscillations as macroquantum energy. The protons are "delocalized" (non-local) by the coherent domain of the water, much easier than just ionization of electrons. Thus water hydration as "adsorbed" into the collagen is 5 orders of magnitude more likely to conduct protons, as delocalized superconductive energy (the qi or prana). The collagen, through resonance, then doubles the frequency of the light that is has captured - as blue-shifted light.



Blue-shifted Orgone energy photographed from an orgone device. Potassium has the same effect as lecithin, lecithin as the vagus (parasympathetic), and the vagus, finally, as pleasurable excitation, swelling, turgor, increased surface tension, and as was recently shown, electrical charge. Wilhelm Reich, *Bion Experiments*, 1938 in German, published in English, first time, 2013.

“protons are coherently delocalized in two momentum states.”

“the frequency of the CD [coherent domain] electromagnetic field becomes much smaller than the frequency of the free field with the same wavelength.”

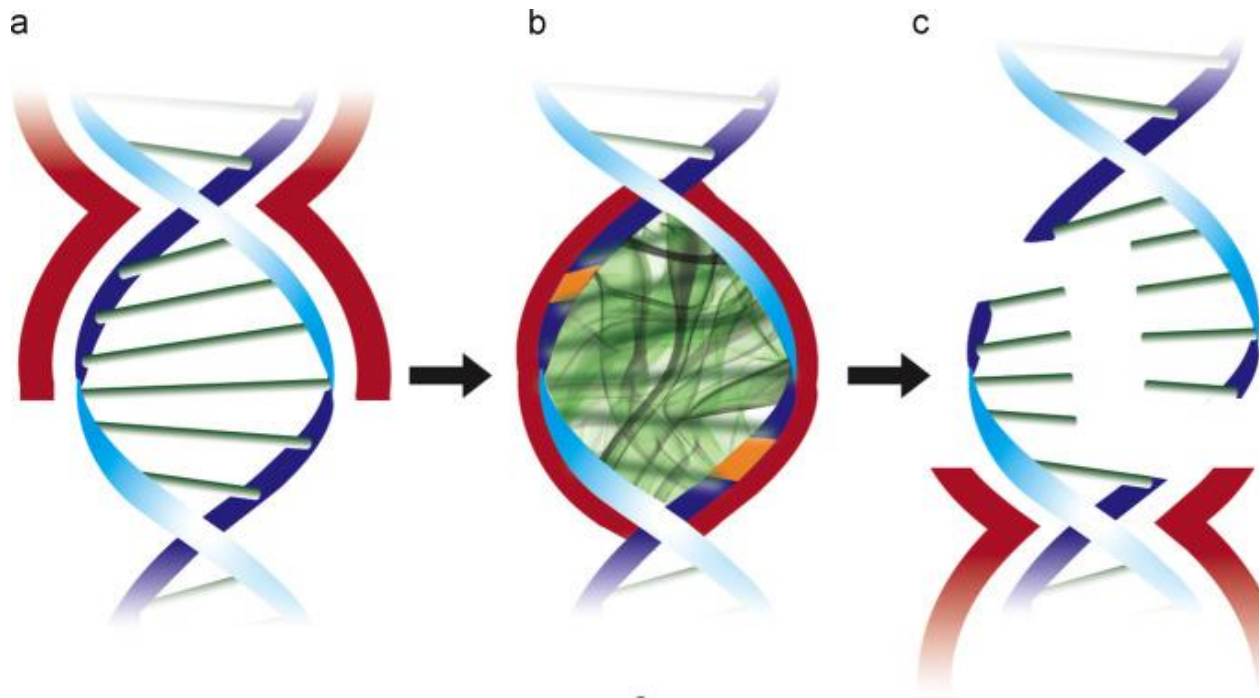
De Broglie Law of Phase Harmony.

“The phase, distinct from the energy, can travel faster than light.”

Professor Emilio Del Giudice:

"A coherent system is in fact able to concentrate its energy from the whole of its degrees of freedom [infinite frequency] to a small number of them. ...We can finally put forward the hypothesis that Wilhelm Reich's orgone is the form

assumed by the energy of the organism in a condition of coherence [complementary opposite noncommutative phase-space]. In this case, the disappearance of the orgone becomes the consequence of the loss of coherence of the organism, with a subsequent loss of self-movement and a tendency towards the state of inert matter."



Quantum entanglement phonons hold DNA together and with enzymes separate DNA

"Although each nucleotide in a base pair is oscillating in opposite directions, this occurs as a superposition of states, so that the overall movement of the helix is zero. In a purely classical model, however, this cannot happen, in which case the helix would vibrate and shake itself apart.

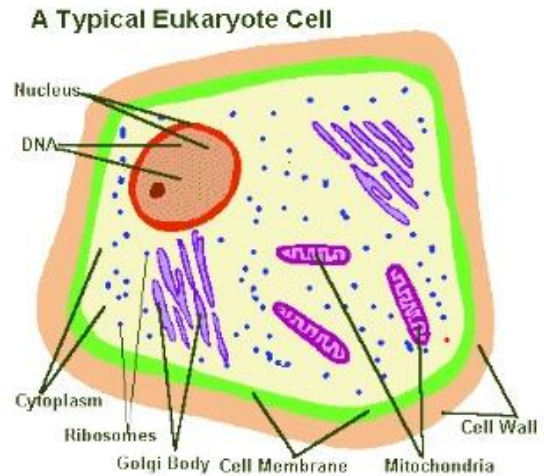
So in this sense, these quantum effects are responsible for holding DNA together. The question of course is how to prove this. They say that one line of evidence is that a purely classical analysis of the energy required to hold DNA together does not add up. However, their quantum model plugs the gap."

But then the phenomenon of Global Dimming was confirmed after 9/11 when planes over the U.S. stopped flying. The sulfur pollution, ever since coal was being burned, in the early industrial revolution, has provided a cooling effect counteracting the warming of the CO₂ and methane emissions.

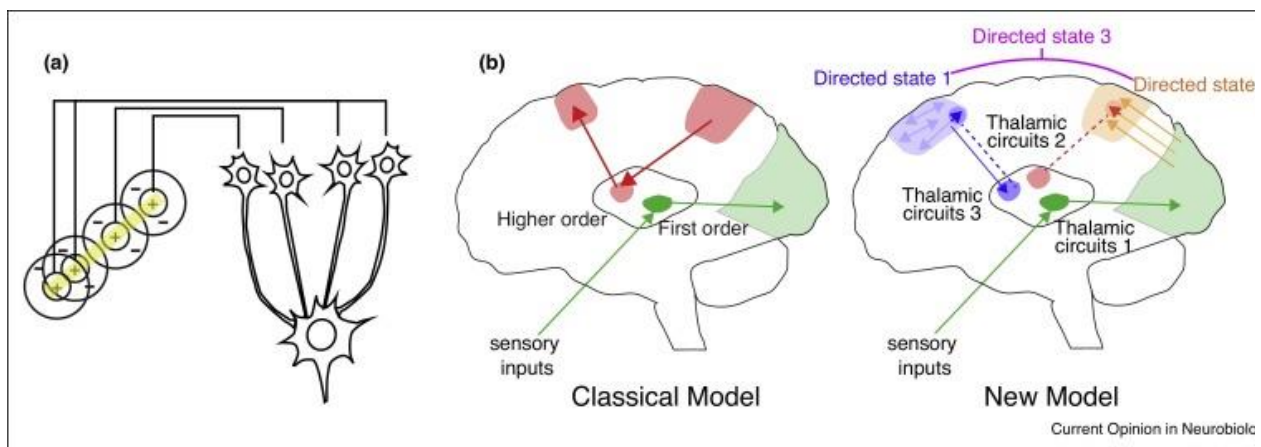


Wu Chi

- The 'Void' from which Yin and Yang forms of Qi arise (Empty Circle)
- Modern interpretation:
 - The Quantum Vacuum
 - Zero Point field
 - Space-Time-Mind Continuum that biological cells are immersed in
- Recent research suggests cells have 'quantum gateways' for consciousness and energy: Mitochondria and Microtubules



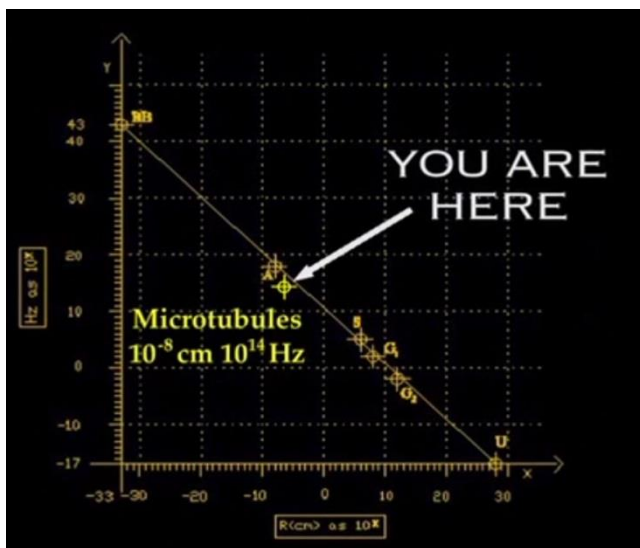
And so, like Aron Lee Ralston, who wedged himself into a narrow ravine and so had to literally cut off his arm with the blade of his cheap pocket knife, now have technologically "advanced" humans mortally wounded our own ecological biosphere.



Third Eye Thalamic Control: a previously unknown principle in neuroscience;

thalamic control of functional cortical connectivity. May 2017

What happened is that around 30 million years ago there was an alignment of Jupiter (the god of space) and Saturn (the god of time) causing a huge comet or asteroid to resonate out its normal orbit, thereby hitting Earth, changing the precessional wobble just enough to change the Ice Age cycles. So Ice Ages, the deep freeze cycles of the planet, became more frequent but mammals and primates adapted to the cold. The early human species actually had discovered and developed a secret of what is now called quantum biology but in mystic meditation as alchemy it is called the "highest technology of all technologies."



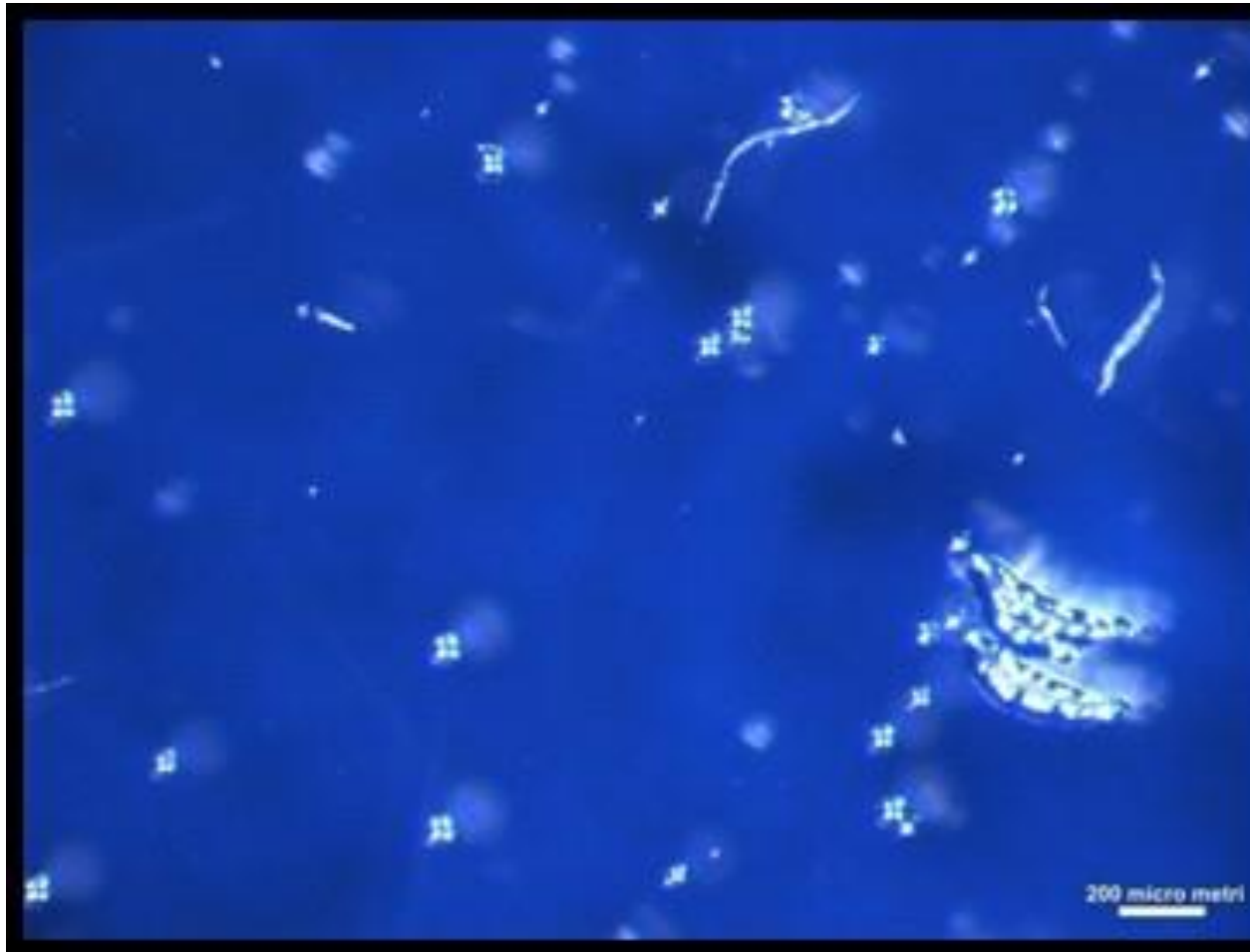
Microtubules, making up the most common protein of the body, collagen, are center of Cosmic Matter Scale

Some physicists call it sonofusion, a local deformation of spacetime caused by ultrasound acoustic cavitation as a sonic boom, enabling reverse time energy or negentropic momentum force – quantum entanglement coherence as protoconsciousness of the Universe, to be harnessed as internal heat and internal energy.

Quantum Relativity Physics Professor Ivette Fuentes (Q+ youtube chat answer to question at end of talk, 2013):

How some certain symmetries in your physics, when you break the symmetries, you create a resource, for example entanglement. So that is something super new

that we want to do and is very interesting. If you move along a time-like, ...observer that is inertial or uniformly accelerated, you don't change the entanglement. Entanglement changes when you break that symmetry, ...symmetry of your spacetime. So when you break that symmetry you create a resource. And I think this is a completely new idea....there is curvature of space at a few centimeters.



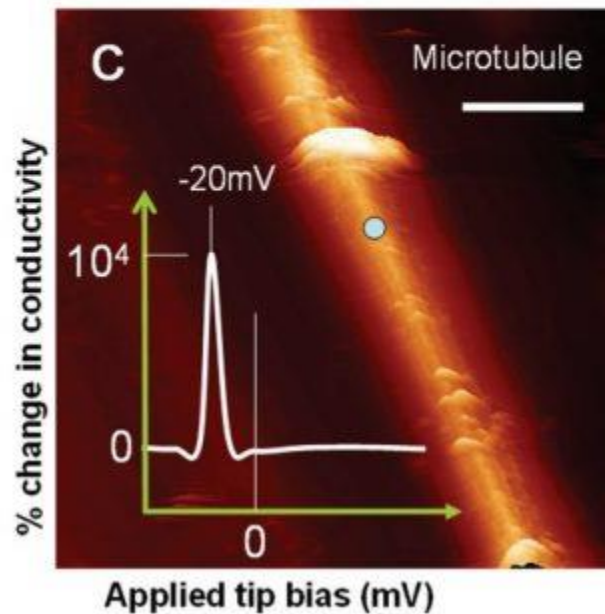
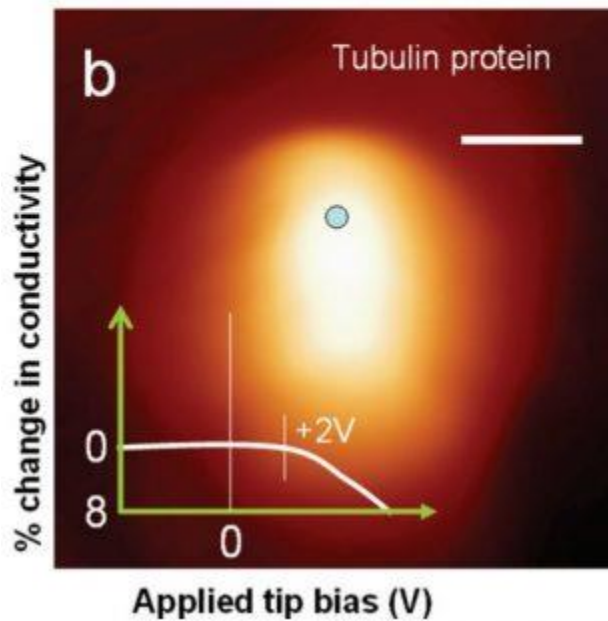
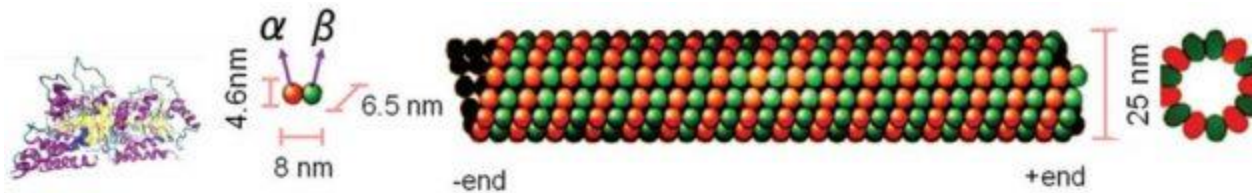
At 3 watts - ultrasound fusion has twice the energy as nuclear fission: The Sonotrode Cavitation Fusion Device:

Dr. Fabio Cardone

"By a metaphoric image we may picture the local deformed space-time, which is intimately bound to each photon, as the shadow of the photon."

[Science confirms this hypersonic resonance to quantum coherence](#)

"for some proteins the survival for microseconds is the "common frequency point". In this case, the common point is the inverse of microseconds that is the megahertz frequency. In summary, if in a particular protein, the electromagnetic and mechanical oscillations have a common time or frequency region where, both electromagnetic and mechanical oscillations merge, then we might manipulate one with another....However, there are 30000 and above proteins working relentlessly in our body, the 'common frequency point' if it exists for all proteins, would open up a possibility to remotely cure diseases."

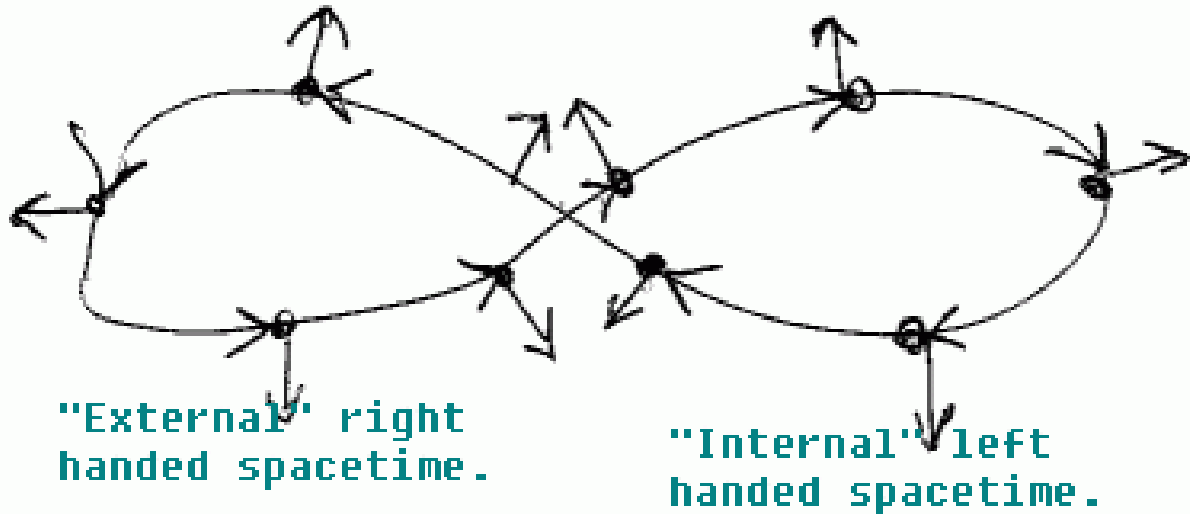


Ultrasound resonates microtubules with 3000 times more electromagnetic force as macroquantum coherence of qubit noncommutative phase nonlocal spin 1/2 consciousness

[Microtubule is six times bigger than single protein tubulin yet is 3000 times more electrically conductive than single tubulin protein](#)

Information for us is a time cycle that can be modeled in particular geometric shapes. It is all about one rhythmic vibration that arises through integration of geometries using 2,800 frequencies over 10^{20} Hz.

The one hydrogen atom universe simulation Moebius spacetime (spin ladder)



Each vibration includes a “bing” moment (Hameroff’s metaphor for the moment of conscious awareness) and also a “silence” period. The “silence” contains the “phase”, and this holds the true information about the geometric shape of the particular time cycle. A band of frequencies always make a circular strip as it always vibrates periodically.

[Interview with Dr. Anirban Bandyopadhyay](#)

**PROCESSES WHICH INCREASE ENTROPY: "EMIT TIME"
"RIGHT HANDED TORSION"
ENERGY OR ORDER LEAVING THE SYSTEM**

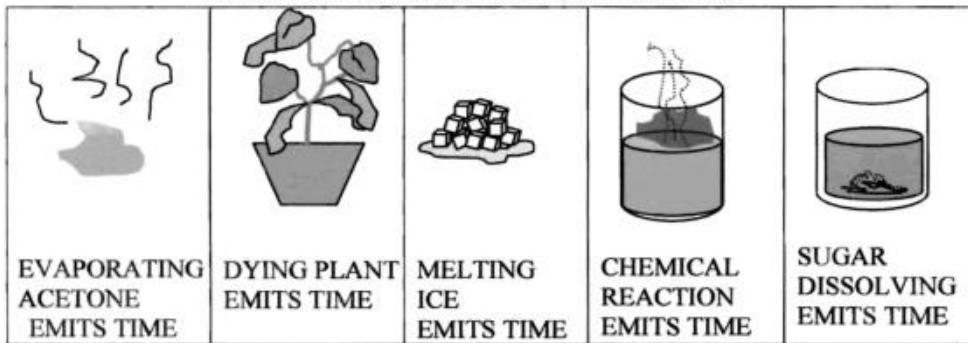


Figure 10. Examples of processes which "emit time," in which entropy increases and right handed torsion or "negative od" is produced. By definition, in such a system order is being lost and therefore "time density" is decreasing.

**PROCESSES WHICH DECREASE ENTROPY: "ABSORB TIME"
"LEFT HANDED TORSION"
PUTTING ENERGY OR ORDER INTO SYSTEM**

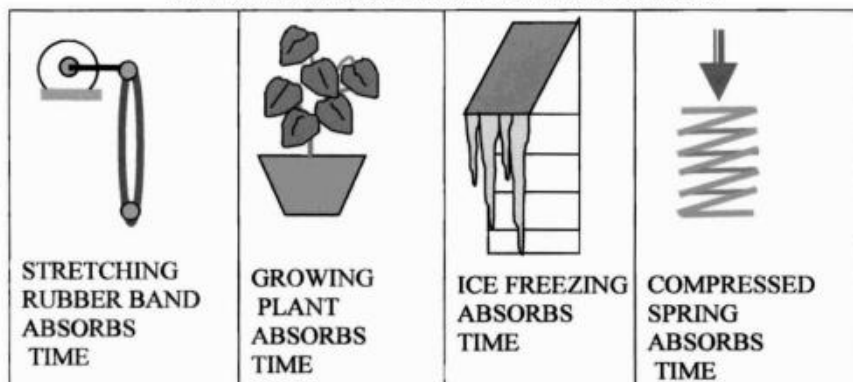
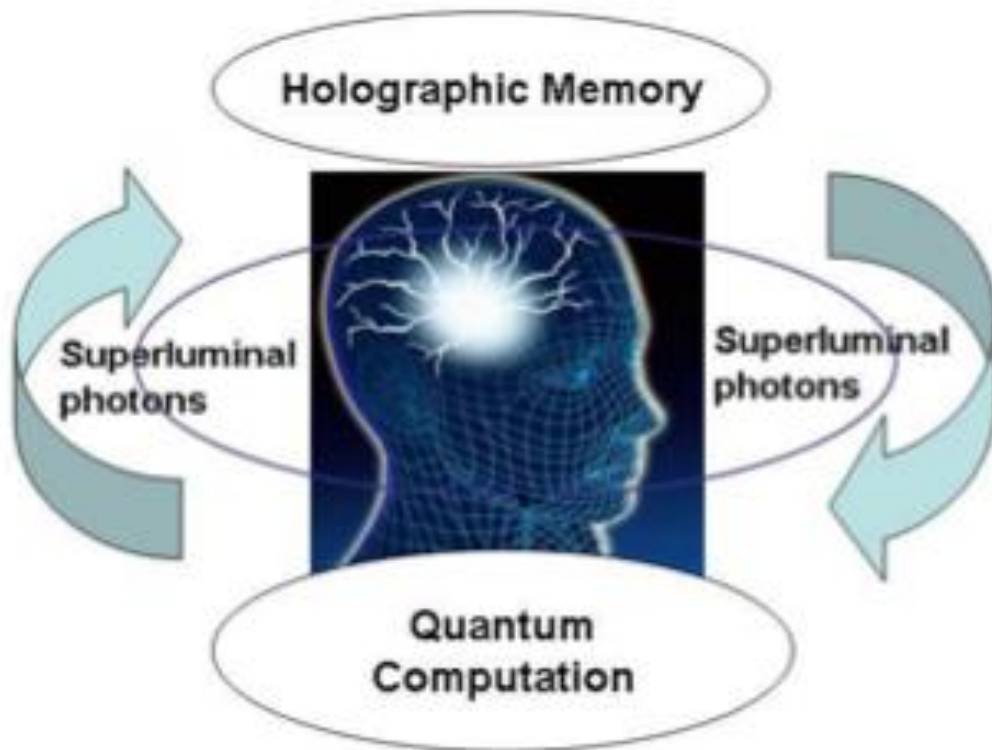


Figure 11. Examples of processes which "absorb time," in which entropy decreases and left handed torsion or "positive od" is produced.

Kozyrev found that there are many processes which naturally produce torsion. He concluded that processes in which entropy is increasing produce right hand torsion. Acetone evaporation, a dying plant, melting ice, chemical reactions are a few examples. These are illustrated in Figure 10. Some processes do the opposite. They decrease

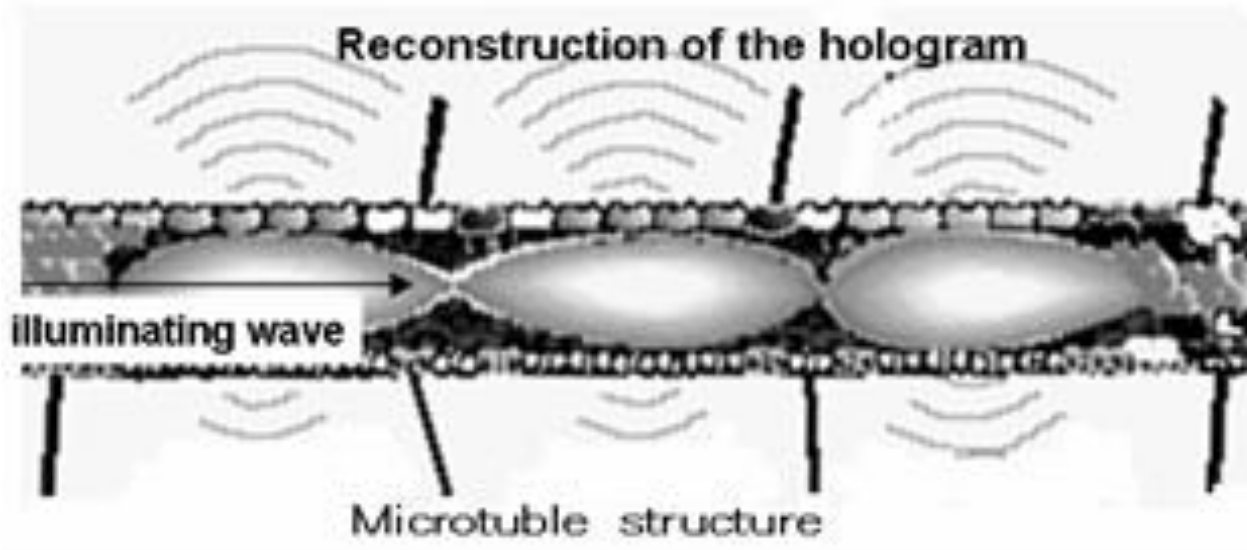
[Claude Swanson Ph.D. on asymmetric time-frequency energy as secret of spirit paranormal Chi or Prana](#)

This, science is now discovering, was the true secret of ancient "magic" of shamanism.



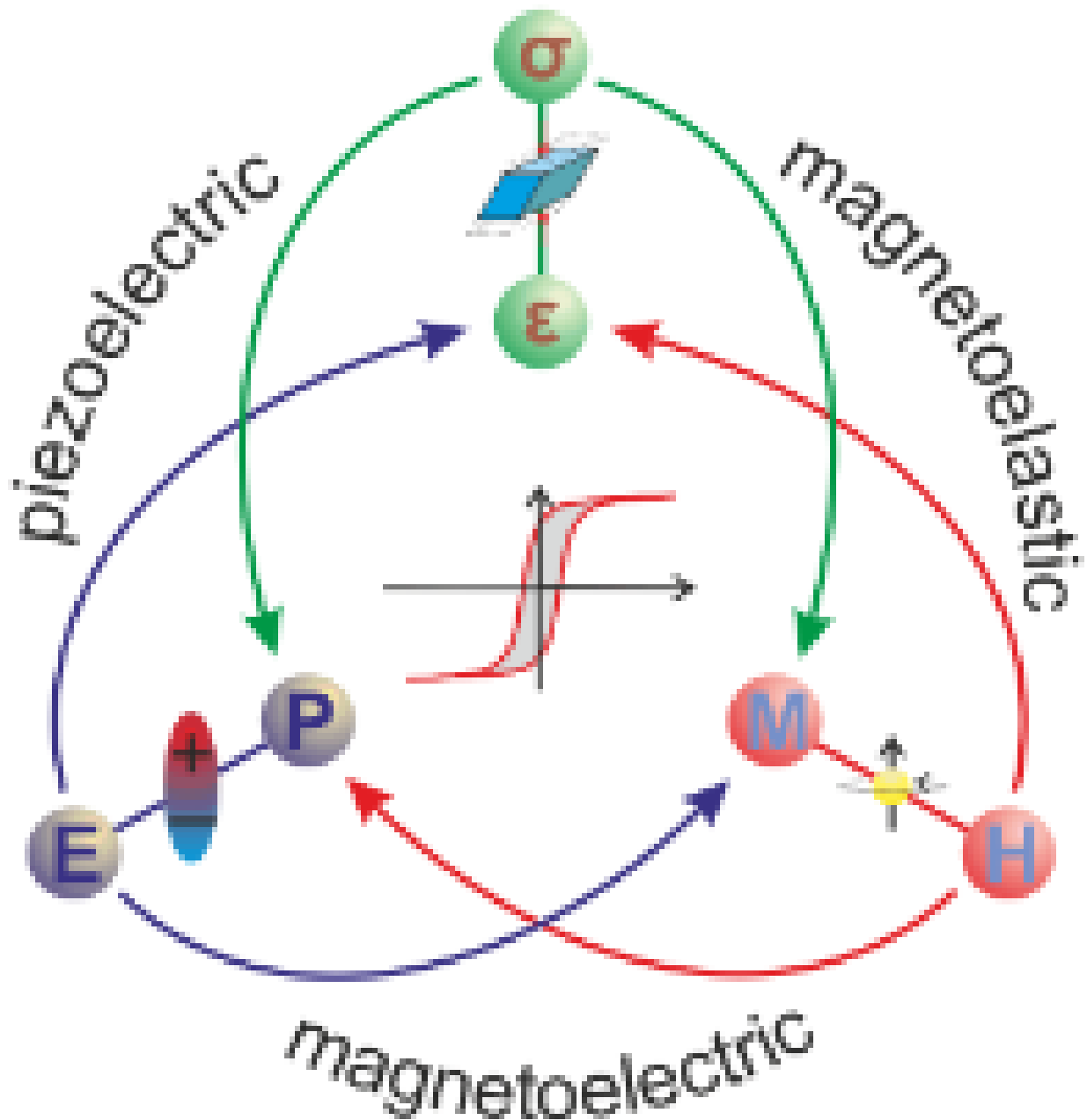
Dr. Luigi Maximilian Caligiuri and Dr. Amrit Sorli:

the external electromagnetic field created by the piezoelectric microtubules interacting with the water then is it possible to create this superluminal virtual photon field - that has an evanescent mode (reverse time) from the subharmonic within the tubulin - and this evanescent tail - the pilot wave - then extends outside the microtubule so that it enables a macroquantum supercoherence state.



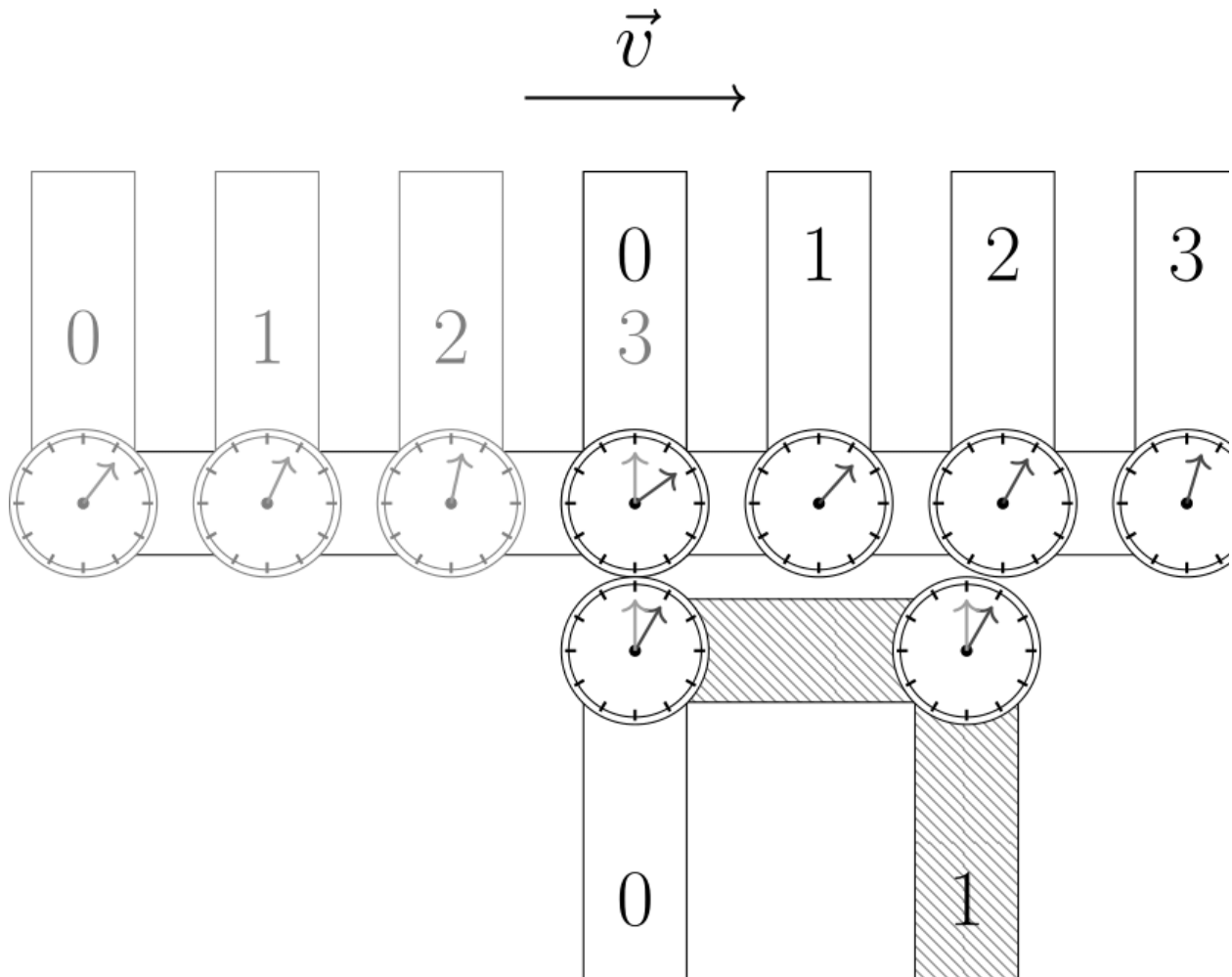
superradiant photons, generated inside the coherence domains, to have a wavelength much smaller than the length of a moderately sized microtubule in brain - the characteristic of a negative refractive index, in which the generation of evanescent photons is enhanced, and they can propagate lossless inside the neurons - the guided readout wave propagates in the same direction as the reference wave during recording as shown in Fig.3. It is diffracted by the hologram structure and the object field can be reconstructed. This is the mechanism of holographic memory of the brain.

Professors Pierre Deymier and Keith Runge:"[We first introduce the concept of a phase-bit based on the fermion-like \[spin1/2\] behavior of phonons in some elastic structures as an analogue of a quantum bit \(qubit\).](#) The analogy with the notion of spin suggests the possibility of developing quantum information technologies based on superposition of elastic waves....



By considering media that mix different types of waves, the book addresses the interaction of sound with other physical and biological waves but also brings to light examples of extrinsic processes that can lead to symmetry breaking. The coherent conversion of sound into other types of waves as well as the sound-induced non-conventional topology of elastic, electronic, spin and biological waves are presented in the case of media exhibiting elasto-electronic, photo-elastic, magneto-elastic effects and biological mechano-transduction....The superposition of elastic states... is therefore measurable without wave function

collapse in contrast to what would be the case for the superposition of states of a true quantum system....



Sonic Relativity reveals emergence of gravity from macro-quantum quasi-particles

[Foundations of Physics pdf - published August 2017](#)

Sonic Clocks and Sonic Relativity:

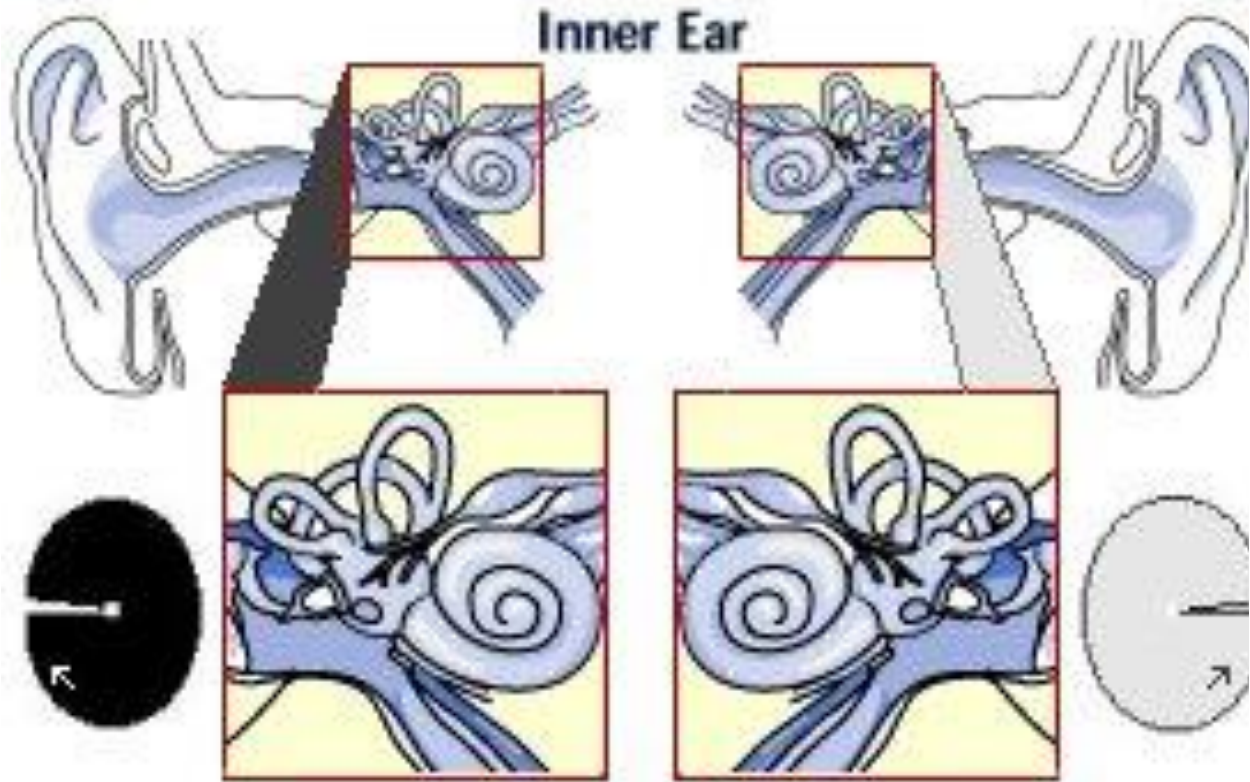
It is worth noting that if we had access to devices that were built from quasiparticles [macroquantum phonons] made up from the medium itself, then sonic relativity would emerge naturally.

Professors Pierre Deymier and Keith Runge: it's based on a phononic structure that basically supports sound waves instead of electronic waves or quantum

waves. And what happens, so we do not need a quantum system, so we don't have the problem of quantum decoherence. So we can avoid that drawback, by working with a quantum analog and our systems are acoustic quantum analogs of qubits. We call them Phi-Bits. So they exhibit the same capabilities of having superposition of states but they do not have the drawback of decoherence. They are stable. The Tech Foundation funds research that will not be funded by traditional federal sources, for instances, so we had to demonstrate that places like the National Science Foundation would not fund the research because it's too out there, out of the paradigm, it's too revolutionary for them to fund....we have three years of research, we have to demonstrate a set of phi-bits, to operate a well-known quantum algorithm...so have a tabletop system operating."

Qigong Master Chunyi Lin <http://springforestqigong.com> teaches Small Universe meditation alchemy

Not only was it based on quantum biology but paranormal spiritual powers were the basis for humans to live with no warfare, no rape, no masturbation and no homosexuality, as the original human culture, the San Bushmen from 100,000 years ago. So for males the left hand is yang while lower body is yin while right hand is yin and upper body is yang. This turns the body into a macroquantum harmonic oscillator as the secret of the "crouching tiger, hidden dragon" of Tai Chi. Originally called N/om, documented as a cave statue 70,000 years old, as sacred snake kundalini female lunar psychic energy of the third eye.



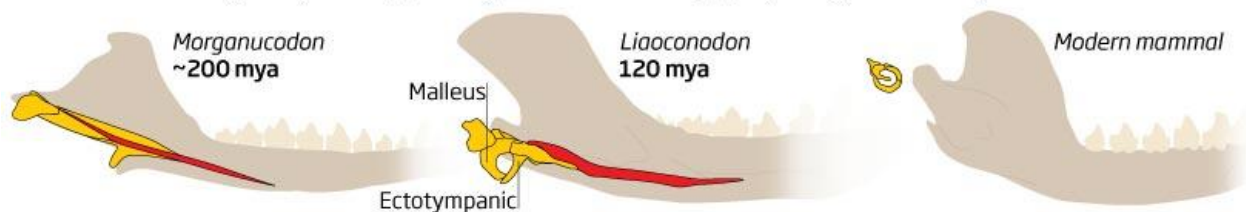
Right and Left Ear listen faster than Fourier Uncertainty or time-frequency uncertainty as noncommutative phase quantum coherence through ultrasound resonance of microtubules

In other words before human language was developed, already music meditation as alchemy was the central core of what enabled early humans to survive the Mt. Toba supervolcano explosion that cooled the earth, just as the asteroid that had wiped out the dinosaurs 65 million years ago, had enabled small mammals to survive. Our first primate ancestor, the tree shrew, used its flexible middle ear muscle and bone, what identifies mammals, to accentuate and focus the ultrasound energy for internal acoustic cavitation quantum negentropic force.

Evolving ear bones

©NewScientist

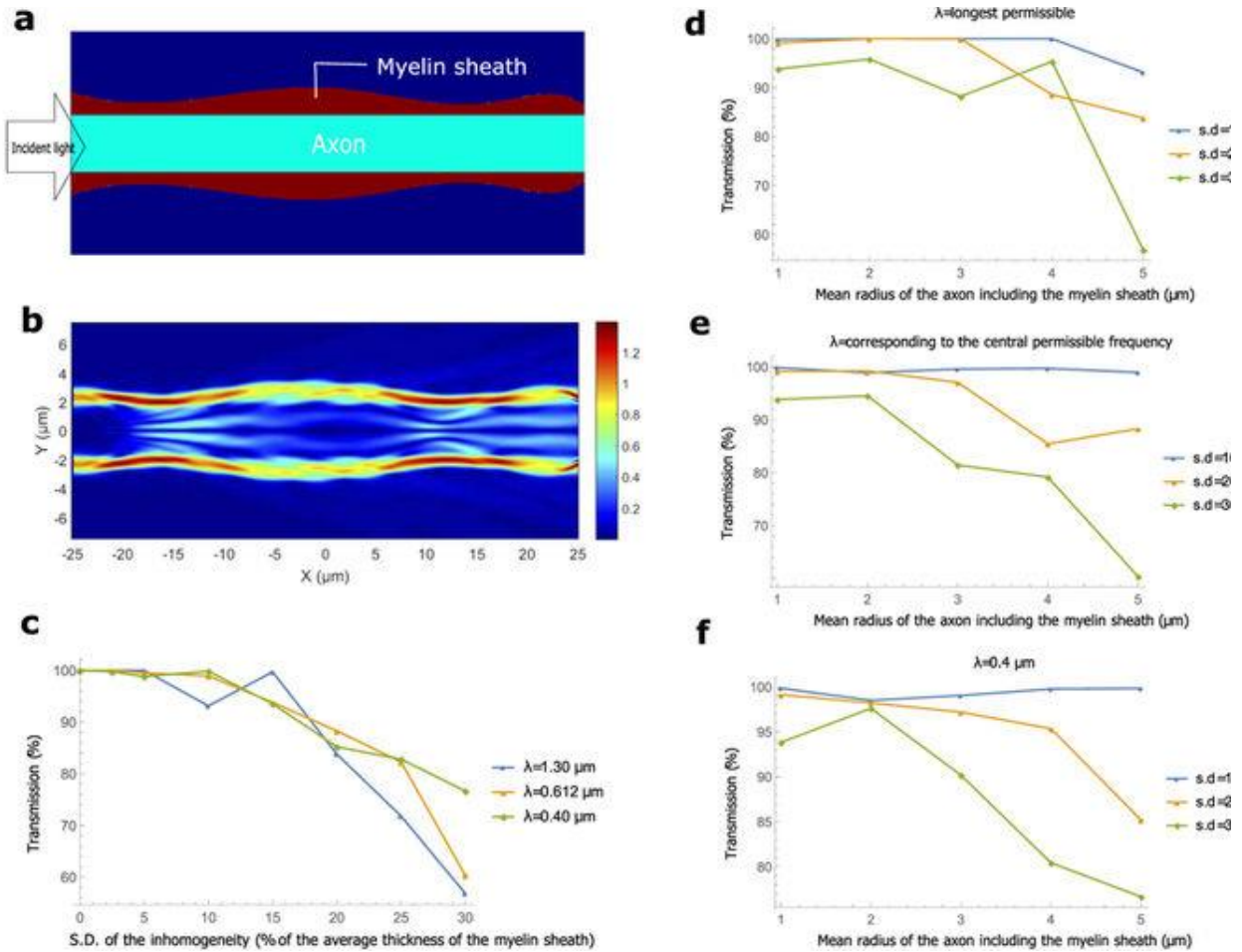
The middle ear bones (yellow) were supported by the Meckel's cartilage (red) as they moved from jaw to ear



Flexing the middle ear "quantum drum" muscle of the right and left ear, focuses in the highest pitch heard externally, resonating the brain as a whole through ultrasound quantum coherence acoustic cavitation sonofusion force.



The "jaw bone" of the tree shrew is now our middle ear detached bone and muscle and so just as rats and mice use ultrasound for a kind of x-ray vision, like bats and dolphins, so too is "proprioception," aka the "sixth sense," our original sonofusion access to the protoconsciousness of the Universe.



The biophotons are quantum coherent, guided by noncommutative phase 5th Dimension virtual frequency-time (negative frequency, reverse time, positive momentum)

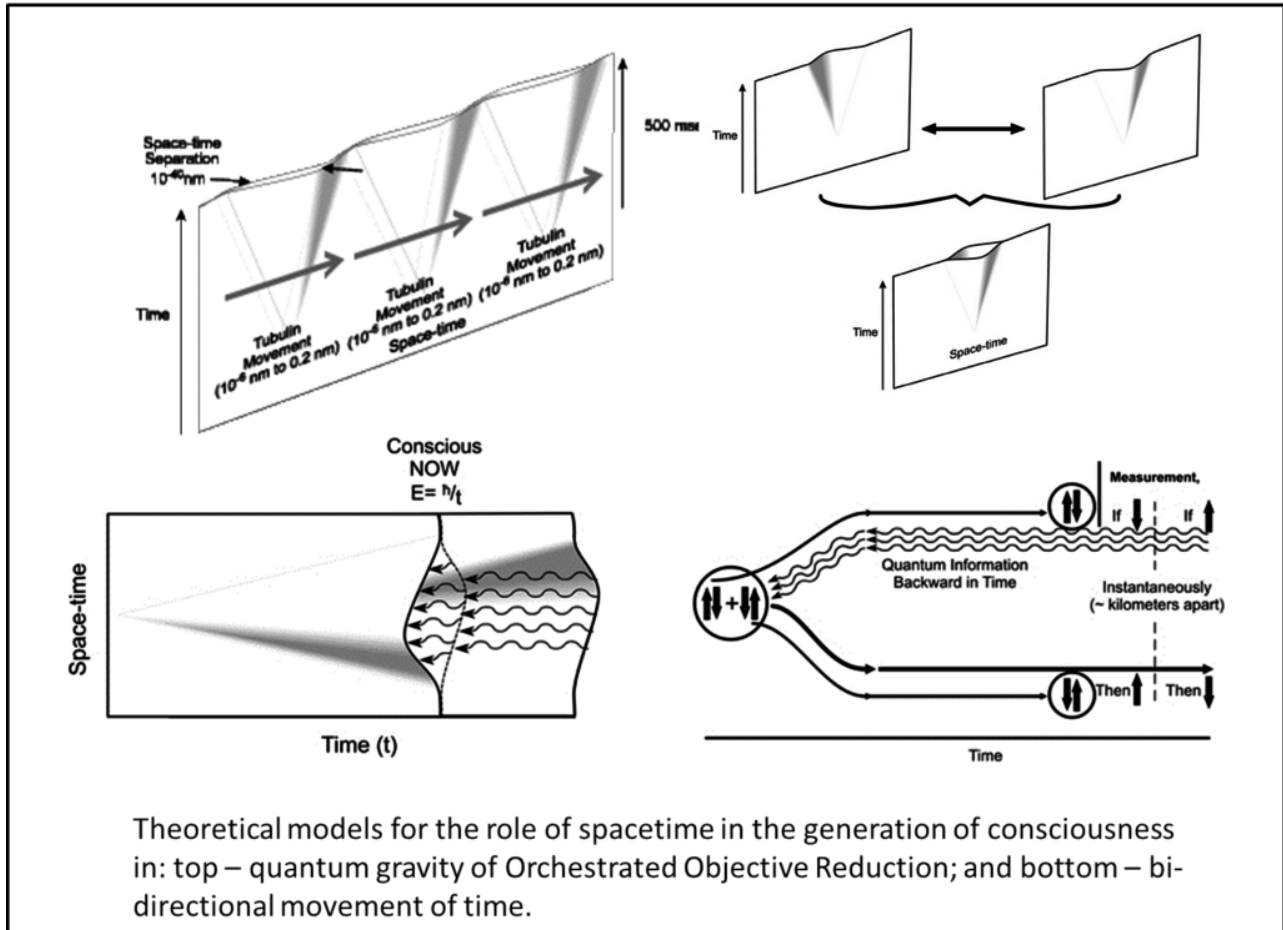
– we modern humans for the last 10,000 years, have increasingly lost the secret. Now a days only literally a handful of humans are masters of this meditation music alchemy ability – with their third eye fully open as conscious resonance of their biophoton coherent spirit which then "turned around" to zero time causes a reversal of momentum and wavelength, as Louis de Broglie discovered with his Law of Phase Harmony relativistic quantum origin of what is now known as quantum mechanics.

[Non-Locality Causality and Aether in Quantum Mechanics](#)

adsabs.harvard.edu/full/1982AN....303...55V

by JP Vigier - 1982 - [Cited by 104](#) - [Related articles](#)

Nachr., 303 (1982) i, 55-80 ~ Non-Locality, Causality and *Aether* in *Quantum Mechanics* J. P. VIGIER, Paris Laboratoire de Physique Theorique, Institut H. particle and the thermostat's elements in the usual Brownian motion) are now represented in four dimensional space-time like *hypertubes* instead of time-like lines.

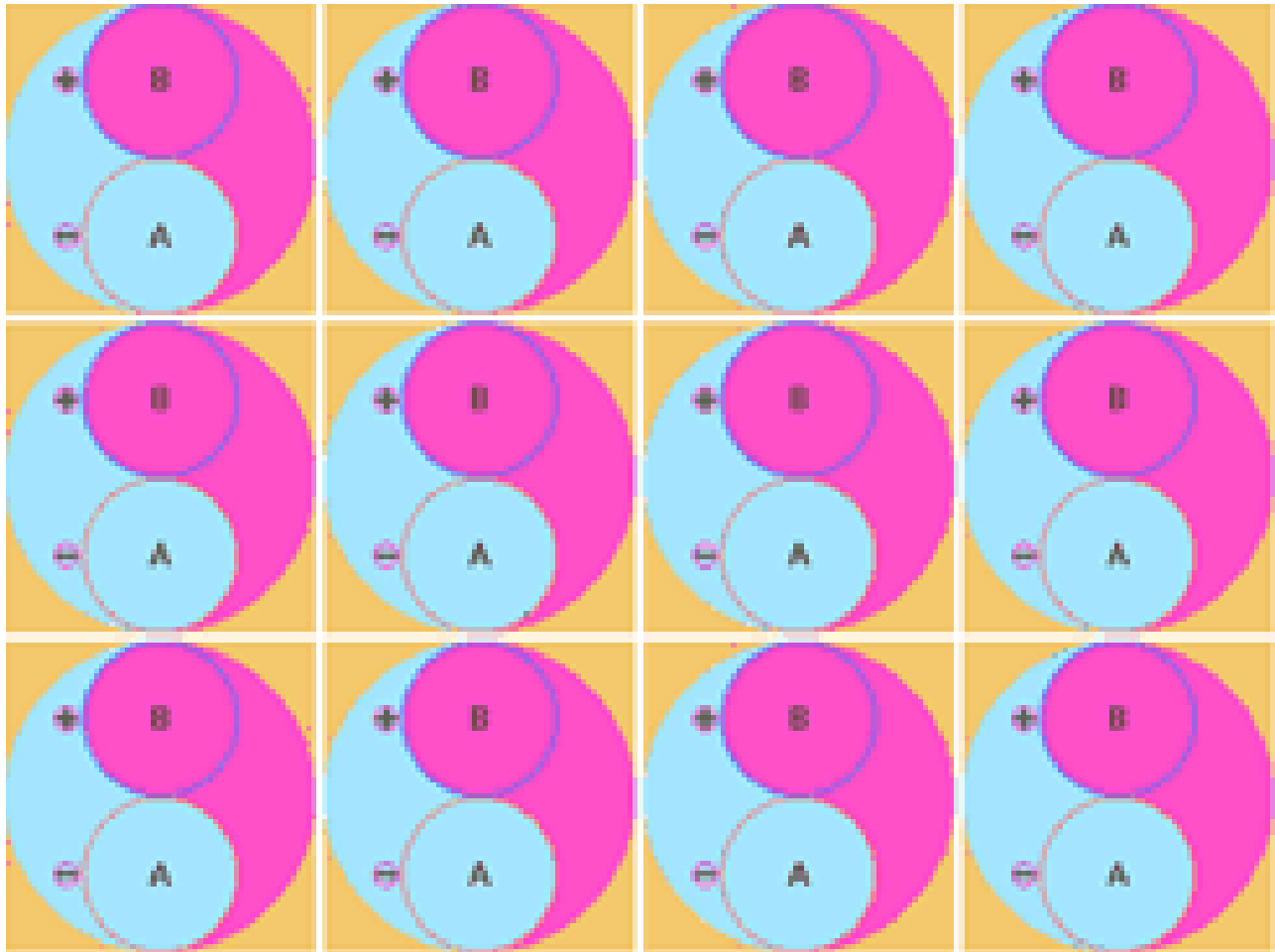


Physicists acknowledge that electrons "know" their surroundings – faster than the speed of light – as a guiding wave or "ghost wave" as Einstein called it but could not accept – and later known in 1927 as a "pilot wave" that was to be dismissed for the quantum mechanics revolution to take hold.

Quantum physicist Yakir Aharonov:

There is a non-local exchange that depends on the modular variable....I'm saying that I have now an intuitive picture to understand interference by saying that when a particle moves through two slits, it always goes through one slit or the

other, but it knows which other slit, the slit through which it did not go, whether it is open or not, because there are nonlocal equations of motion.



Light has a spin $1/2$ or $1/2$ quantum time-frequency "hollow resonator" as noncommutative phase guide wave or hypertube of the 5th dimension ether.

The paradox is what quantum physicists call the "measurement problem" – the collapse of the wavefunction through observation depends on light as a linear operation of time and frequency that is noncommutative. That means the order of measurement changes the value of time and frequency as what quantum physicists call a "spin $1/2$ " or "half quanta" measurement with only a 720 degree symmetric resolution. **each particle has both positive and negative angular momenta (spin) at the same time as noncommutative phase.**



Secret of Tai Chi as Neigong, quantum physicist Eddie Oshins discovered, is noncommutative phase

Quantum physicist at SLAC (Stanford Linear Accelerator Center) Eddie Oshins discovered that the "Double Covering of Palms" move in Ba Gua or Pa Kua Chang and also Pencak Silat is the same as the 720 degree noncommutative quantum spin.

This representation only works for the (more fundamental) $1/2$ -integral representations (i.e. spinors/turns/quaternions) but also lets one build the vector and tensor representations. The converse does not hold....this property of "noncommutivity" in itself might be valuable in some way.

My claim, and original idea, has been that this is circumnavigating a T'ai Chi (Yin/Yang) symbol! More recently (Oshins, 1993b) I have suggested that this

proximate technique can be used to realize Wing Chun kung-fu's "bong sau/tan sau" movement out of the Kauffman/Oshins "quaternionic arm" discussed and referenced below in end note 5.

I believe that this may be a way to get mind to code the relative relationship of part of oneself with respect to the rest of oneself (self-referential motion) and can explain the concepts of being "centered"/"one"/"integrated"/"extended"/"whole" etc. which one strives for in meditation.

Oshins, E. (1993). [A Test for Classical Psychospinors](#). (pdf) In Abdullah, F. (Ed.) *Conservation and Invariance*. Cambridge, UK: Alternative Natural Philosophy Association, London England.

Nonlocalized Generation of Correlated Photon Pairs in Degenerate Down-Conversion
 Kayn A. Forbes, Jack S. Ford, and David L. Andrews
 Phys. Rev. Lett. 118, 133602 – Published 30 March 2017

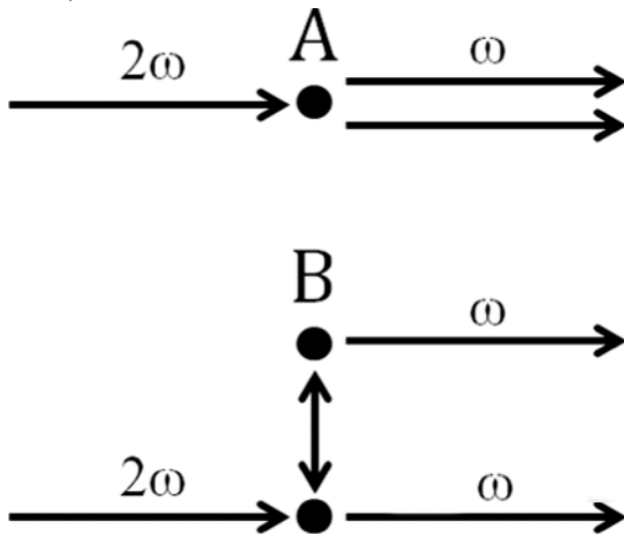


Figure 1

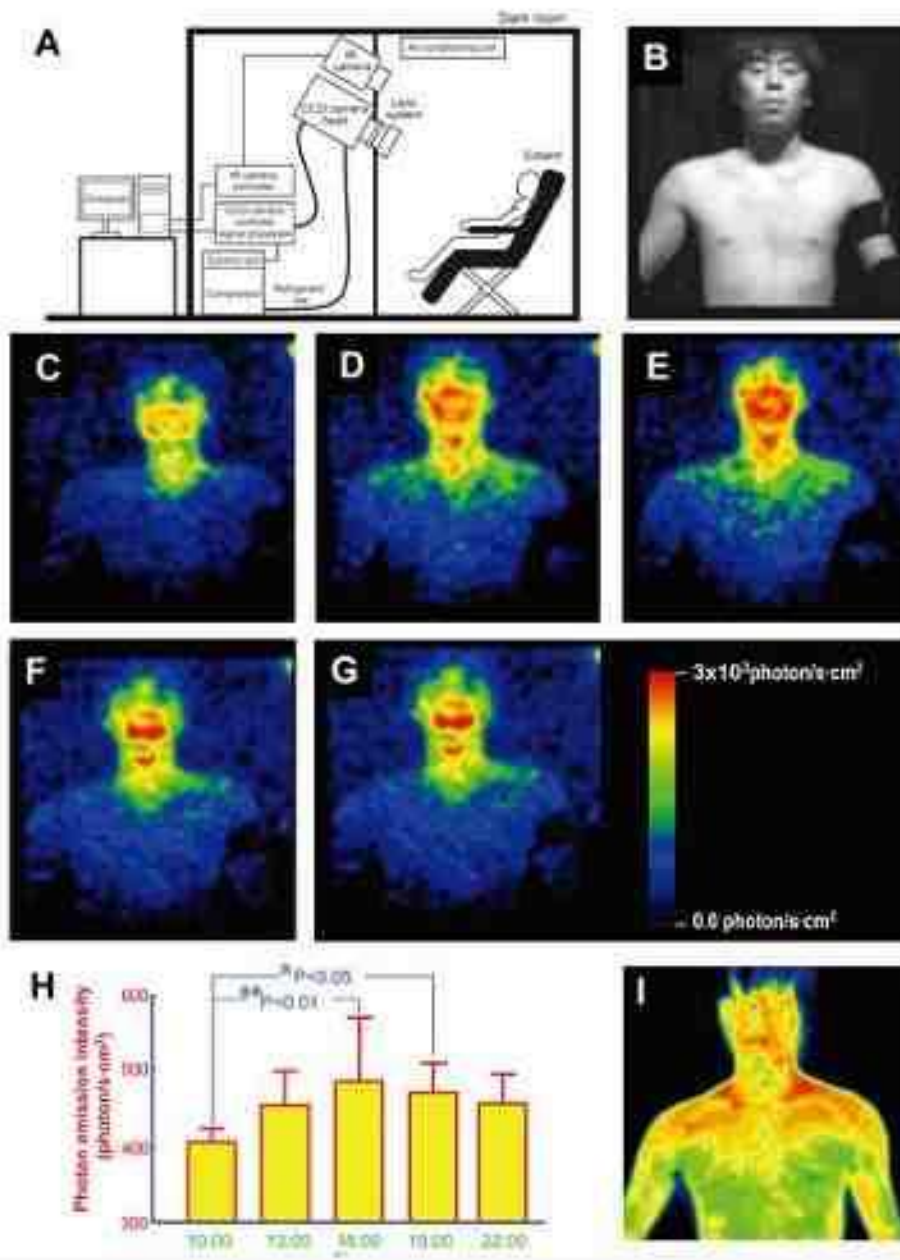
Schematic for two SPDC mechanisms. Above: Photon annihilation and both photon creation events are collocated at *A*. Below: The annihilation and one creation occur at *A*, the other creation event at another location *B*. Points *A* and *B* are coupled via virtual photon exchange, indicated by the double-headed arrow. In the full calculation, all time orderings are taken into account, and the positional geometry is arbitrary.

a new delocalized mechanism shows that each photon pair can be emitted from spatially separated points - the 5th dimension of light is proven experimentally. Nonlocality is from spin 1/2 as noncommutative phase.

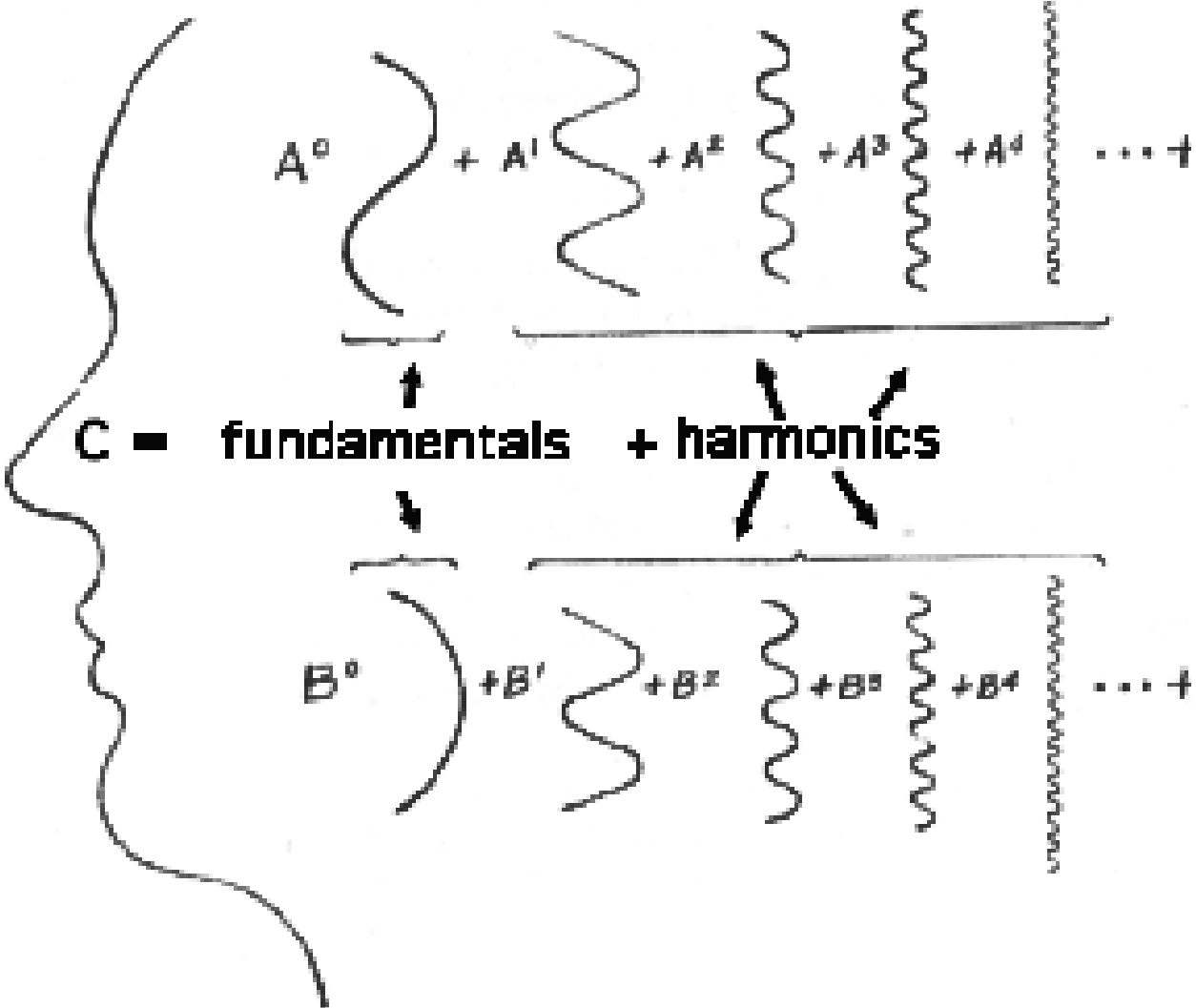
"a significant impact to the basic understanding of quantum physics!" Sept. 2017,

Forbes, K. A. and Andrews D. L. "Optical Orbital Angular Momentum: Twisted Light and Chirality." Optics Letters (in press) (2018)

Western science as the "Greek Miracle" from Plato and Archytas, has been based on symmetric mathematics, then rediscovered by John Scotus Erigena, the NeoPlatonic philosopher advisor to the Carolingian Empire, and spread by Marsilio Ficino to then launch the modern science miracle of Galileo, Kepler and Newton. The funny irony is, as math professor Luigi Borzacchini discovered, is that Western math is from music theory that got covered up, as a "negative judgement paradox" – something that Borzacchini calls "really astonishing" and "shocking" and created a "deep pre-established disharmony" that secretly "guides the evolutive principle" of modern science.



Humans are proven to emit biophotons as aura
 Another scientist, Esther Watson, daughter of the famous inventor, called this secret music principle guiding Western math and physics, "the music logarithmic spiral." And M.I.T. historian of science professor Arnold Pacey admits that music provides the best metaphor to explain science as a whole.

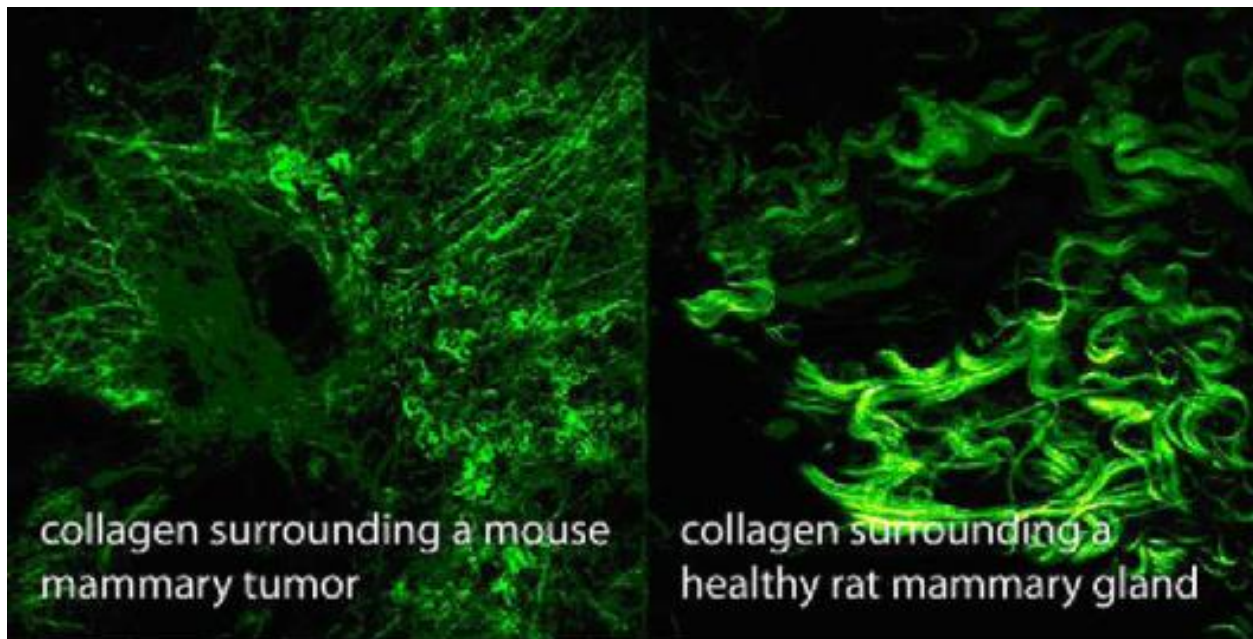


Fourier Analysis, although using complex numbers is still symmetric math, so not spin 1/2 or spinors as noncommutative quantum phase.

As math professor Ralph Abraham has detailed – it is the harmonic wave equation that was the first riddle fixated on by the early Enlightenment scientists, like d'Alembert, and Euler, and the Bernoulli family and then finally by Fourier, whereby all of math and physics can be modeled by sine waves.

“In fact, the known physical fields – electric, magnetic, gravitational, nuclear and so on – are all modeled, in mathematical physics, by the same abstract field, known to mathematics as the d’Alembertian wave equation.”

Ralph Abraham, “The New Sacred Math,” *World Futures*, 62: 6-16, 2006. Jean D’Alembert emphasized music theory as the secret model for reality. Christensen, Thomas. “Music Theory as Scientific Propaganda: The Case of D’Alembert’s *Éléments[sic] De Musique*.” *Journal of the History of Ideas*, Vol. 50, No. 3 (Jul.–Sep., 1989): 409-427.



Quantum coherence harmonics of biophotons in microtubules of collagen, the most common protein of the body

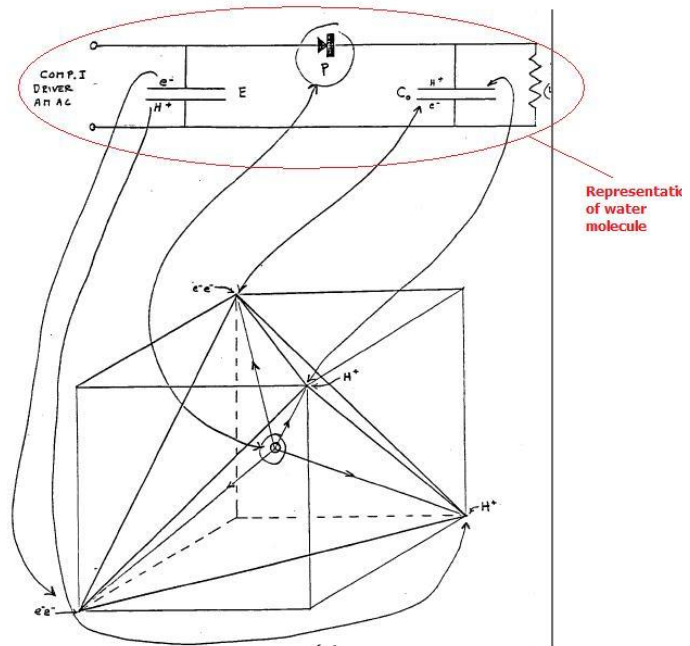
But in music the irony is that the pure sine wave cannot be music and so there has to be overtones for proper timbre or quality of pitch to develop. When we listen to music there is a synesthesia – we have multiple senses activated along with memory. It is now proven by science that frequency perception of music is right-brain dominant, as is visualization whereas time perception is left brain dominant, as is language learning and speaking.

Each cell emits 100,000 photons per second...

But the oldest human language on Earth, the San Bushmen, from which all modern humans come from, is also the most sophisticated language on Earth and also the most musical language – the most "tonal" with the most changes in frequency and pitch.

TABLE 2.
PRINCIPAL PHASER PARAMETRIC HARMONICS
INVOLVED IN SPLITTING THE WATER MOLECULE

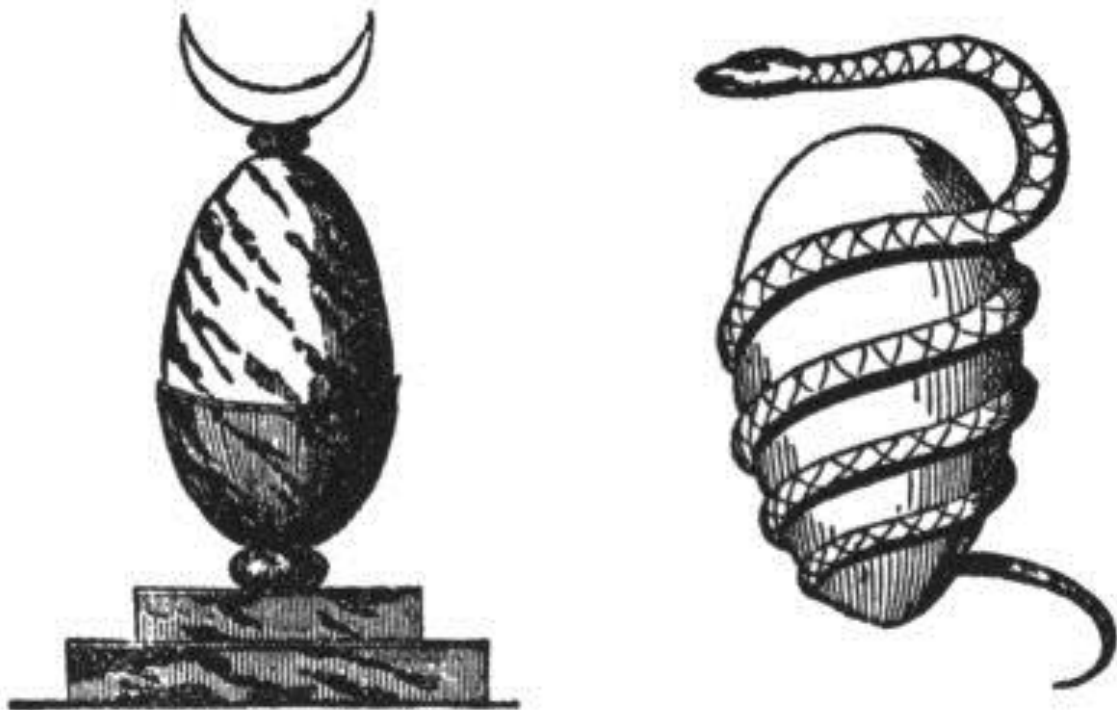
FREQUENCY, HZ	TARGET
0.125 Hz (3) 0.125 Hz x 7th Harmonic = 8.00 Hz	PROTON, NMR
$0.125 \times 2^{12} = 2^9$ Hz (2)	PHONON-HYDRON = f_0 (Conductivity term)
$2^4 \times 2^{(12+1)} = 2^{16}$ Hz (1)	ELECTRON (DIELECTRIC TERM)
3×10^{14} Hz TO 4×10^{14} Hz	PHOTONS - IR (Coherent)
8×10^{14} Hz to 3×10^{17} Hz	PHOTONS - UV (Coherent, $H \propto \lambda$ line)



Dr. Andrija Puharich discovered ultrasound splits water with an ELF subharmonic as reverse time energy - phonons

And so our human language used to be based on synesthesia with something called the "hypersonic effect" taking dominance. This means, as scientists have proven, there is a nonlinear feedback by listening – and the highest pitch we hear externally actually resonates the brain as a whole as ultrasound.

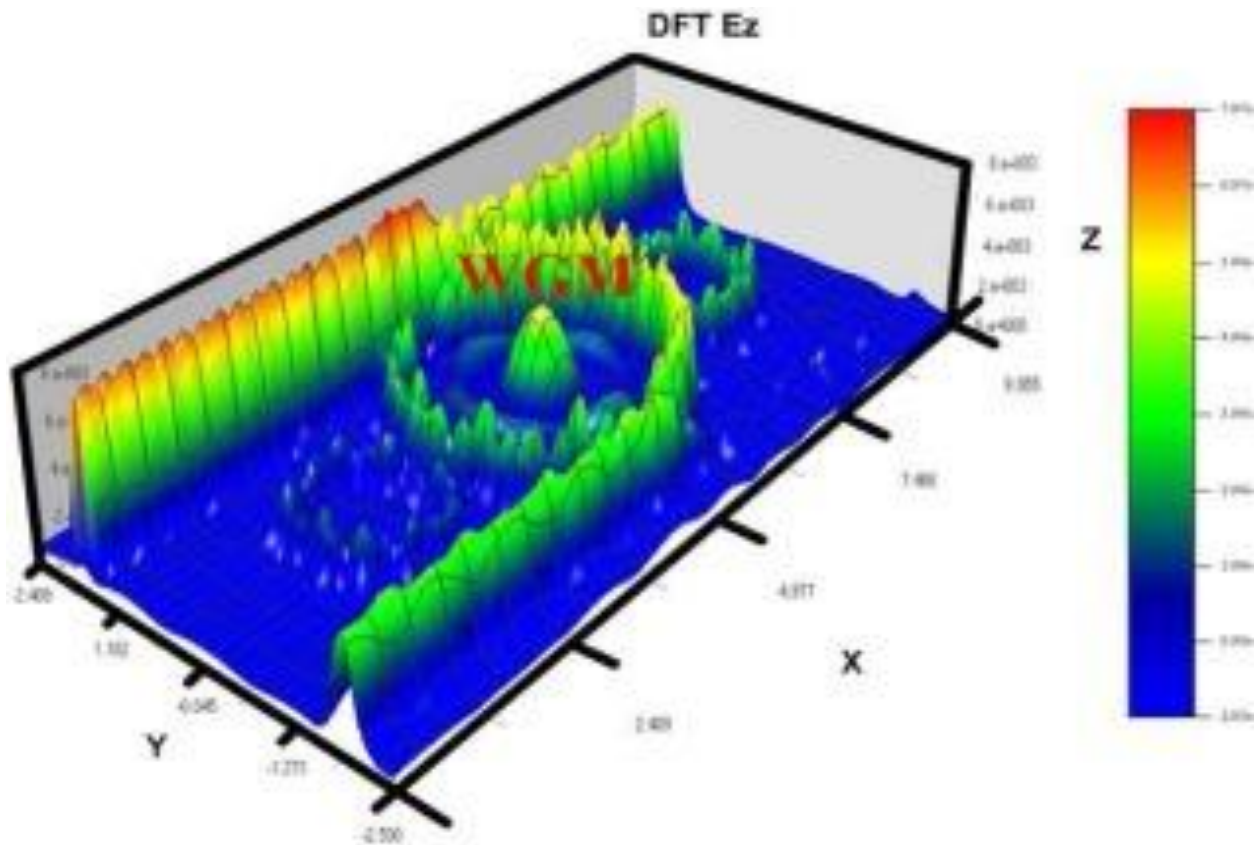
Fig. 31.



Sacred Egg of Heliopolis; and Typhon's Egg. . From BRYANT'S *Mythology*, vol. iii. p. 62.

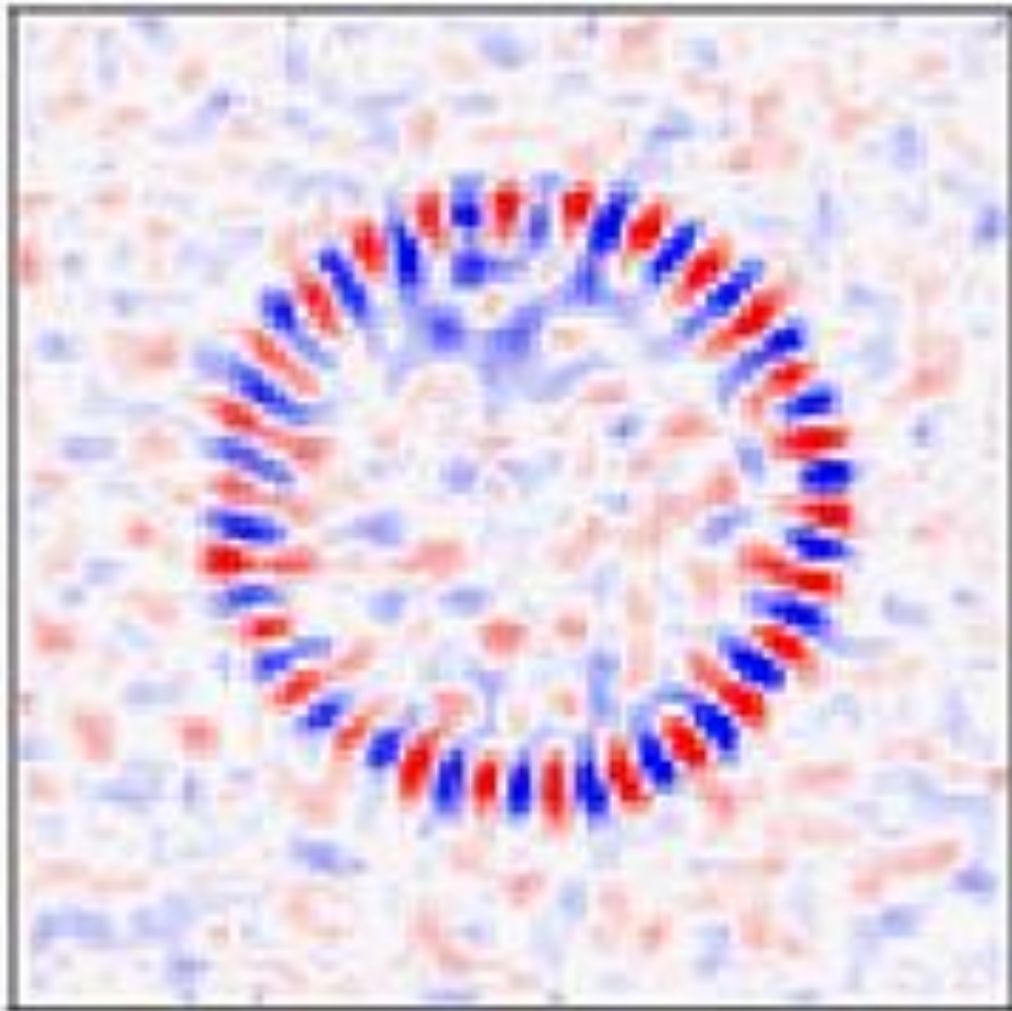
Fifth-century Orphic cosmogony had a "Womb of Darkness" in which the Wind lay a Cosmic Egg whence Eros was hatched, who set the universe in motion...as the alchemical stupa of ancient blacksmith secret - the Lunar Blue Moon 4-phase cycle of the Menses (month as menstruation pineal gland third eye psychic Tai Chi energy).

Ultrasound then is the means of proprioception by transducing protein resonance into electromagnetic energy resonance.



Whispering Mode Gallery of the Panda Ring and Microtubule recreates Čerenkov radiation with superluminal phase wave that causes electrons to emit light and drop to their ground state

Acoustic cavitation of when light is turned around is noncommutative phase as the phonon energy of the ether.



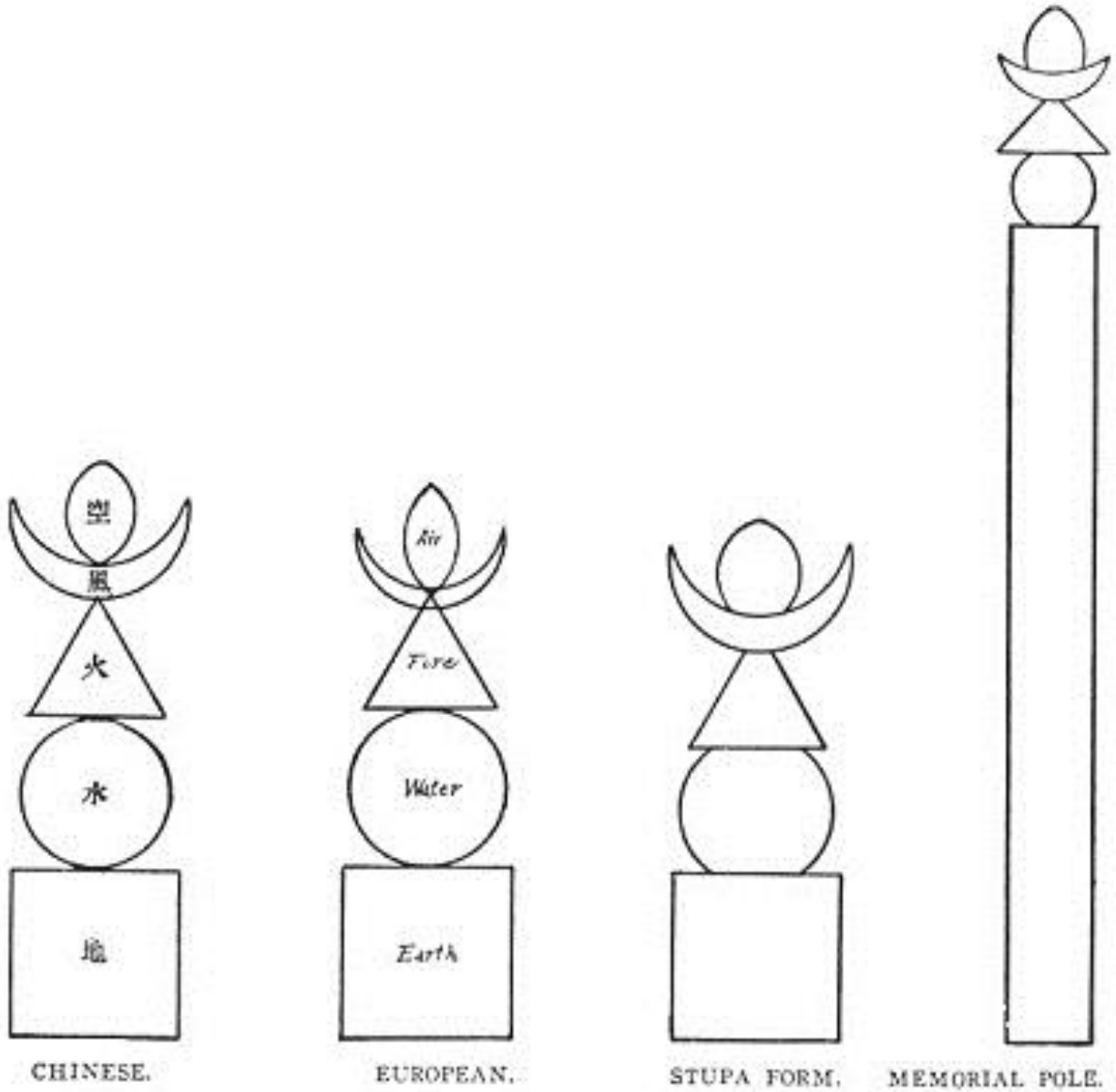
760 MHz

The light of a Whispering Mode Gallery pulses as it flashes in noncommutative phase with the 5th dimension, in both directions at the same time.

In a Whispering Mode Gallery, the waves travel in both directions at the same time. P.P. Yupapin, quantum biologist of Buddhist meditation, calls this noncommutative phase reversal of time-frequency light:

"cross-phase modulation" as the Whispering Gallery Mode....The two important states of meditation and mindfulness are the spirit oscillation time (change of t)

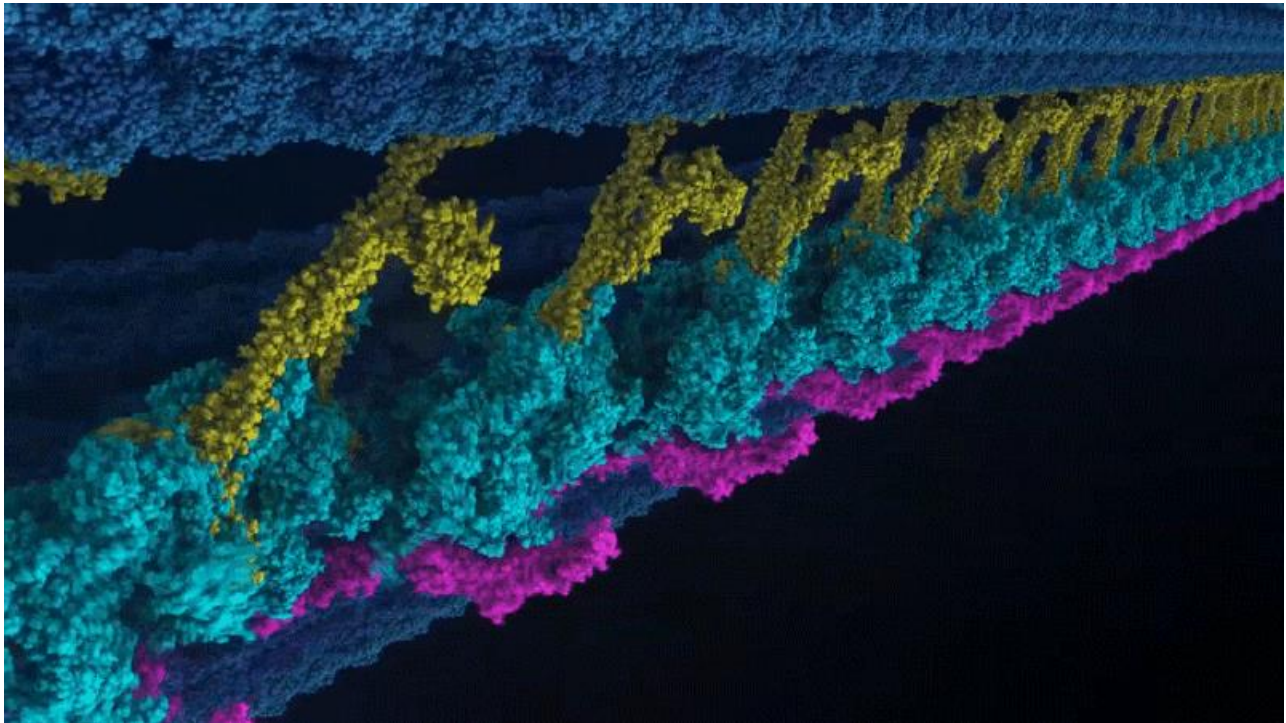
and spirit energy (change of frequency) approached zero, in which the spirit concentration and mind perception are taken place, where finally, the meditation and perception are established....sub-zero [reverse time] energy state is occurred which is the live nirvana, where the spirit is oscillated by minimum energy, the harmonic oscillator..



DIFFERENT REPRESENTATIONS OF THE ELEMENTS.

Alchemical Blacksmith secret of fire under water to build up steam as qi, prana, kundalini, N/om

The idea is to have phonons as macroquantum qubit resonance, through harmonic oscillating mirrors that pump photons (doubling the positive momentum with each phase conjugate pump or echo) and then store the information and convert it, through quantum entanglement, into then electromechanical energy.



ultrasound resonates the mitochondria power to the microtubules, emitting biophoton light

Dr. Andrija Puharich realized that ultrasound causes the proton-electron magnetic moment precession as a subharmonic in the ELF Schumann resonance, as the $1/2$ quantum or time-frequency noncommutative, nonlocal quantum phase energy of paranormal powers, resonating with the Schumann frequency of the Earth harmonics, as Tesla also discovered.

$1/0.125$ is the phase velocity difference between the velocities of the orbits of the proton vs. the electron.

The angular momentum of the electron stays the same but the magnetic moment (noncommutative phase spin) between the proton and electron can vastly increase.

CIA mind control scientist Dr. Andrija Puharich, *Beyond Telepathy*, (1973) discoverer of Phonon-Hydrion Psi-Plasma paranormal proto-consciousness of the Universe.

The circuit he used for mind control hearing is the same circuit used for his water splitting device.

$1/.125 = 8$ Hertz ELF subharmonic of the ultrasound splitting of water.

phonon vibrations...the precession of the proton in water...the end product is to stimulate the emission of photons.

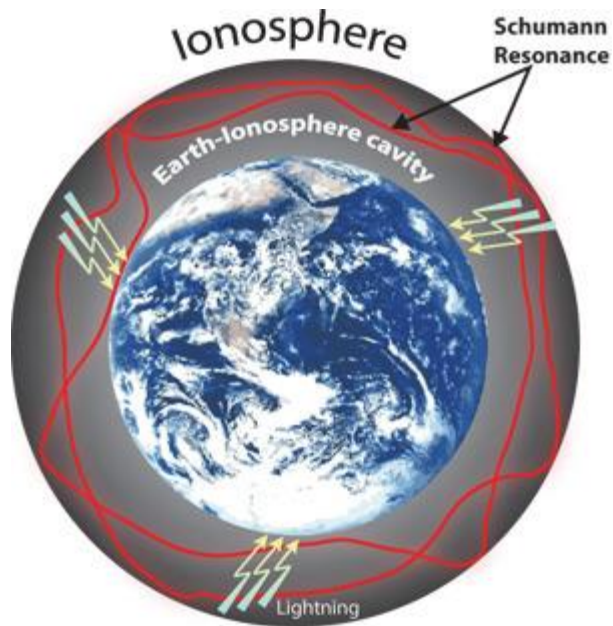
Cornell applied physicists have demonstrated an unprecedented method of control over electron spins using extremely high-frequency

A research team led by Greg Fuchs, assistant professor of applied and engineering physics, previously had demonstrated electron spin control using a mechanical oscillator, which creates gigahertz-frequency sound waves (audible in the kilohertz range).

They not only created spin transitions with sound, but they also used sound to coherently control the quantum state of the spin.

"We're coherently interacting this quantum thing, this spin, with something that's big and mechanical, a thing you can see with your naked eye, and that actually vibrates," Fuchs said.

[Quantum Spin via Sound waves](#)



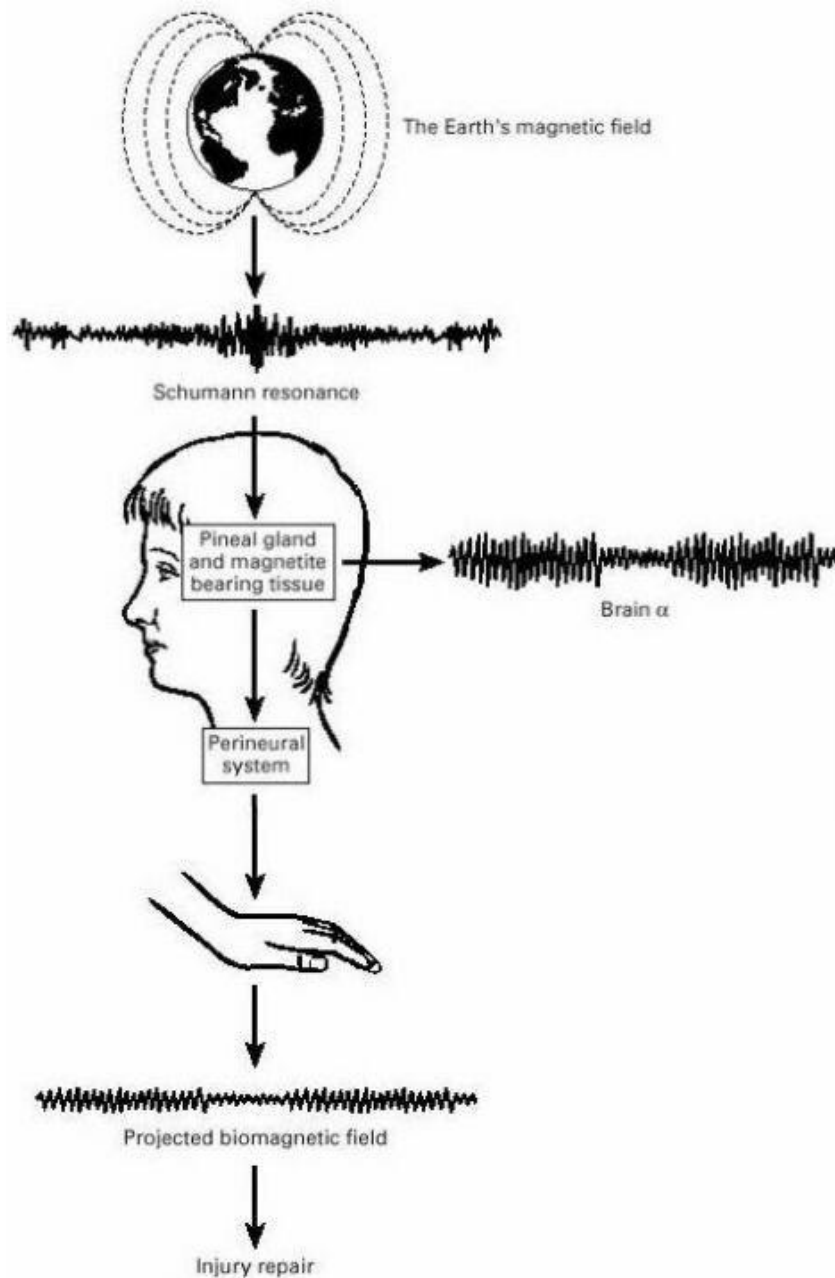
Standing with knees bent, so thigh muscles sore and legs shaking 7 to 9 times per second (most common shamanic trance drum beat), resonates with ELF Schumann of Earth, standing wave feedback

[SCIENCE and PARANORMAL PHENOMENA - CERN Document Server](https://cds.cern.ch/record/404491/files/9906014.pdf)

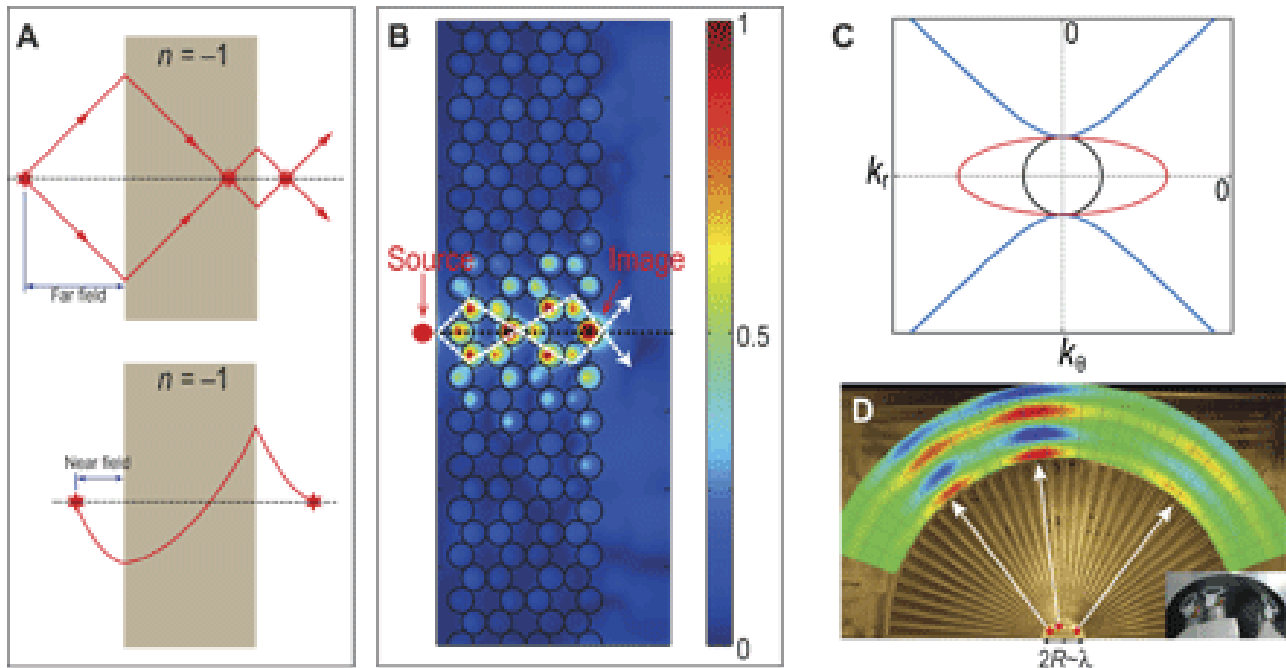
cds.cern.ch/record/404491/files/9906014.pdf

by HP Noyes - 1999 - [Related articles](#)

T,Noyes. SCIENCE and PARANORMAL PHENOMENA. * †. H. Pierre Noyes. Stanford Linear Accelerator Center. Stanford University, Stanford, CA 94309 ... In order to ground my approach to the study of *paranormal* phenomena, I example of the extreme non-locality of *quantum* mechanics the eternal triangle effect,.

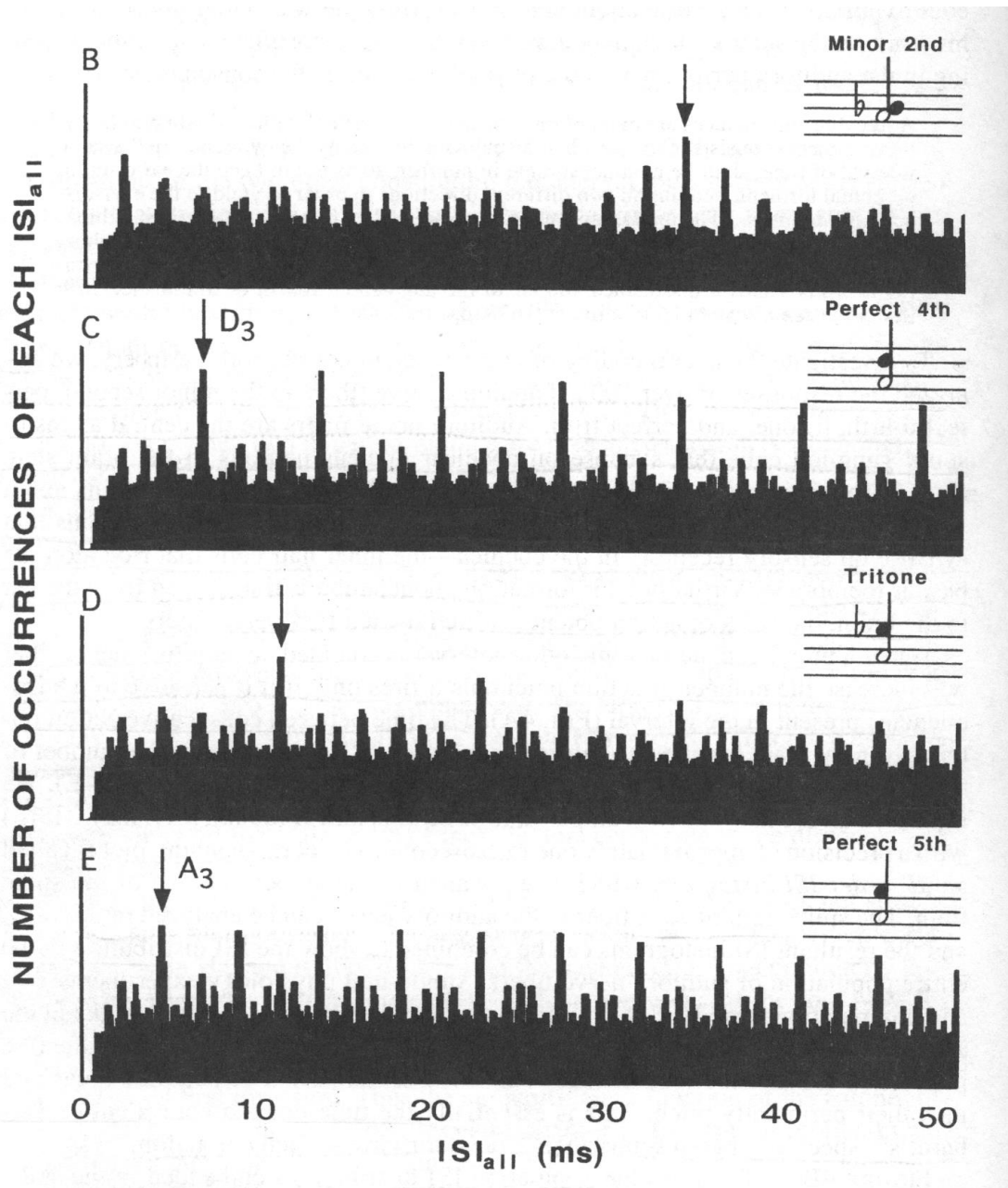


So when we "think" – this is actually an electromagnetic wave form that then is transduced to the same wave form as a "sound wave" that we produce externally as human language.



Microtubules are metamaterial with "subwavelength" (subharmonic undertone phase) at same frequency (Perfect Fifth pitch) to create reverse time 5th dimension virtual photon energy - blue-shifted.

We can resonate with this Earth consciousness as a Quantum Zeno Effect, just as birds transduce photons of blue light into "blues music" (birds choose natural harmonics), to cause a Schumann Quantum Zeno Effect that guides migration patterns. ("our findings add to a small but growing body of research showing that a preference for small-integer frequency ratios is not unique to humans. ")



Electromagnetic amplitude brain resonance strongest from Perfect Fifth/Fourth/Octave

But since the oldest human language is the most musical, in fact the strongest amplitude resonance of electromagnetic energy in our brain is caused by music harmonic tones, known as the Octave, Perfect Fifth and Perfect Fourth. This, as Puharich realized, activates the vagus nerve through what he called the Phonon-Hydrion Effect, thereby increasing serotonin through alpha-theta brain waves and for the same reason blue light increases serotonin levels.

Alpha Waves

- Relaxed alertness- 8-12 cycles per second
 - Facilitates learning and heightens memory
 - (Baroque Music with 40 – 60 beats per minute- Adagio)
This music tends to slow down respiration, heart rate, and reduces stress.

The "Mozart Effect" in music works the same way, the 60 beats per minute resonates the heart theta brain waves as blue light spirit visualization, and this is how the ancients memorized long history as tonal poems of right brain frequency pitch harmonics.

It can be inferred that a stability of conformational states of waves is attained at a minimum energy, when the frequencies fit with the first harmonic (1:2), and fit somewhat lesser, but close to the second harmonic (2:3), and somewhat lesser with the third harmonic, etc. This means that the initial value problem can be solved....

“... tentatively designated as “Algorithm of Life”. The particular spectrum of frequency bands indicate that nature seems to employ discrete eigenfrequencies or standing waves that match precisely with an acoustic scale, with frequency ratios of 1:2, and closely approximated by 2:3, 3:4, 3:5, 4:5 and higher partials, allowing the discrete frequencies to be expressed in scalars. ”

These frequency patterns, based on quantum transitions obey to frequency ratios of 1:2 and approximate partials of 2:3 (Geesnik and Meijer, 2016)....are responsible to stabilize cells or improve viability of cells....Based on the material presented in the present paper, the following novel axiom/biological principle might be at stake: nature makes use of a specific set of eigenfrequencies of electromagnetic waves as well as of quantum states, that exhibit frequency ratios of 1:2, and closely approximate 2:3 and 3:4 and higher partials, that can be expressed in scalars.

Phonon Guided Biology. Architecture of Life and Conscious Perception Are Mediated by Toroidal Coupling of Phonon, Photon and Electron Information Fluxes at Discrete Eigenfrequencies pdf December 2016

Similar to orbital angular momentum \mathbf{L} , the spin vector \mathbf{S} is quantized both in magnitude and direction, and can be specified by spin quantum number s .

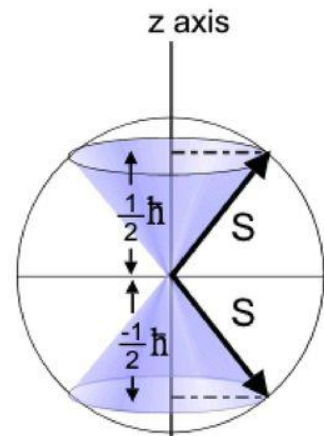
We have two orientations:

$$2 = 2s + 1 \rightarrow s = 1/2$$

$$S = \sqrt{s(s + 1)}\hbar = \sqrt{1/2(1/2 + 1)}\hbar = \frac{\sqrt{3}}{2}\hbar$$

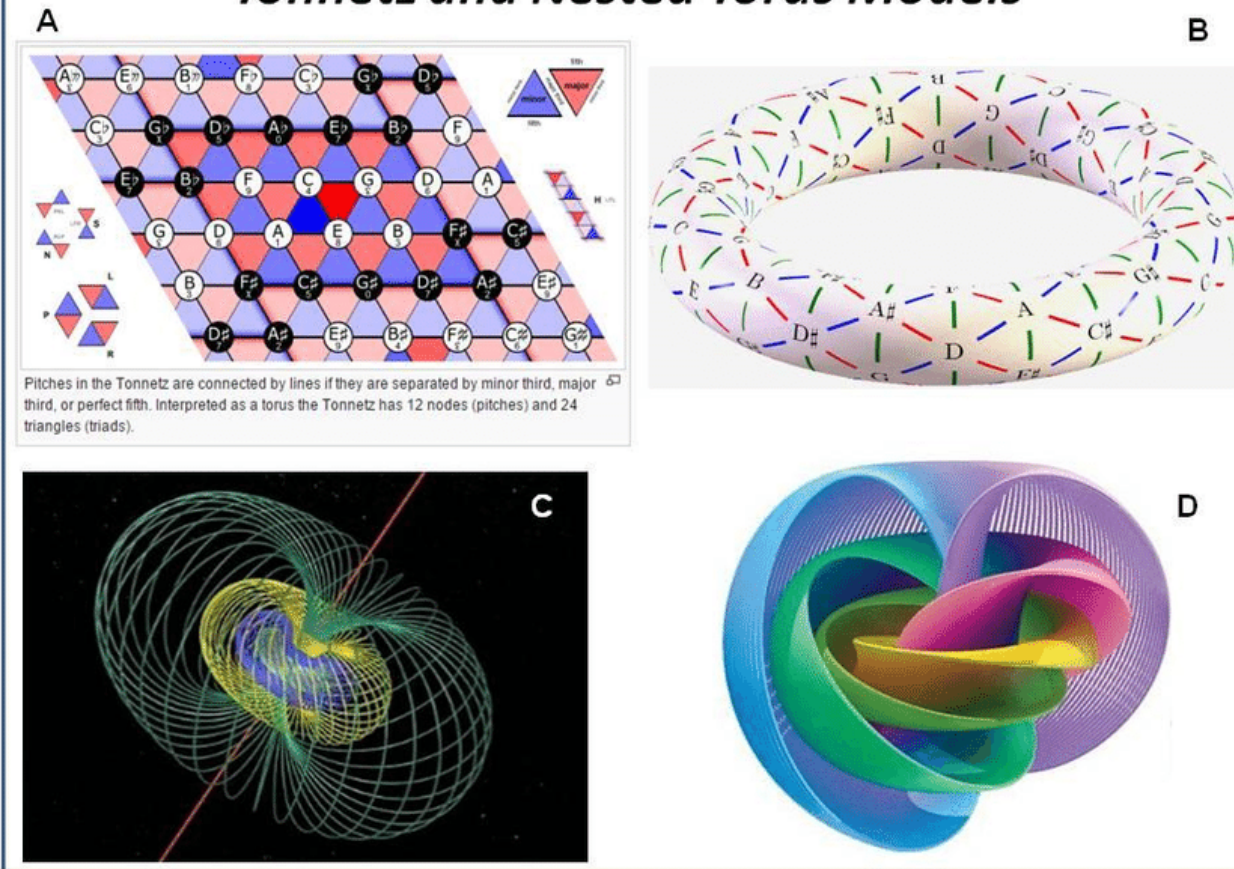
The component s_z along z axis:

$$S_z = m_s \hbar \quad \begin{array}{l} m_s = +1/2 \quad (\text{spin up}) \\ m_s = -1/2 \quad (\text{spin down}) \end{array}$$



Toroidal noncommutative time-frequency phonon means "The electron spin can not be imagined as arising from a rotating body since orbital angular momentum always comes in integral multiples of (the astronomical symbol of Saturn) H-bar (\hbar) as intrinsic noncommutative quantum phase or spin 1/2

Tonnetz and Nested Torus Models



The Tonnetz Neo-Riemannian music model is still the symmetric math of quaternions (orbital angular momentum) as Fourier or Poisson transformation, not the spin 1/2 noncommutative phase that can not be imagined or not visualized.

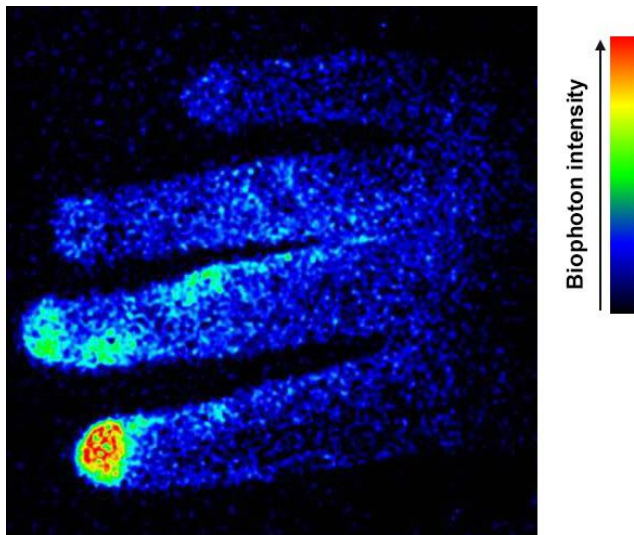
Sir James Jeans was correct - "all simplicity vanishes" when the "true clock-face" is shown - infinity in both directions as noncommutative-phase

And this is where the mystery begins because when Western modern science developed from the Greek Miracle there was a great cover-up about the truth of the Octave, Perfect Fifth and Perfect Fourth. People know about this mystery as Pythagorean philosophy but actually people learn Pythagorean philosophy based on the lies of Plato and Aristotle, as Ph.D. philosopher Peter Kingsley has pointed out. **Peter Kingsley**: Yes, and it's also found in Taoist exercises as well as particular strands of Buddhism.... Empedocles tells his student that "if you press my words down underneath your dense-packed diaphragm," in other words if you breathe

them in deeply into your belly, then they will stay with you and they will grow and they will change you.

[The inner farming](#)

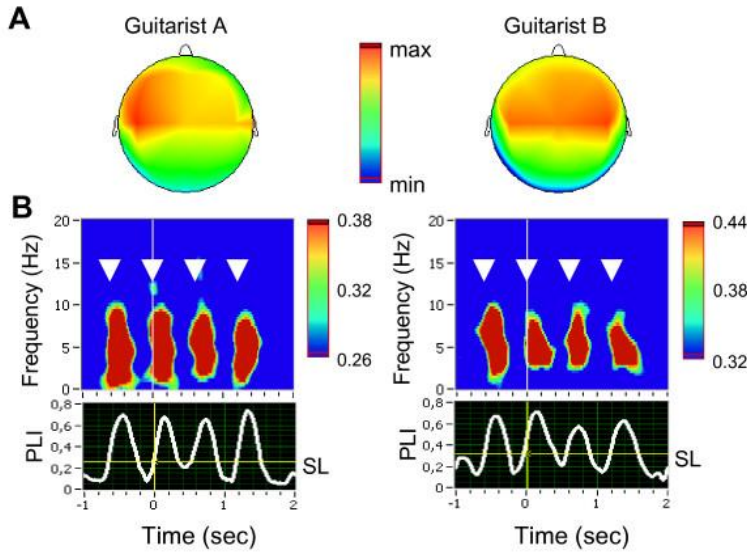
birds call and sing not only to quicken the plants: they also call to awaken the human seed that we are. They are actually singing for our sake as well. If we can start to listen to them, really listen, they will draw us into this greater consciousness I have been talking about.



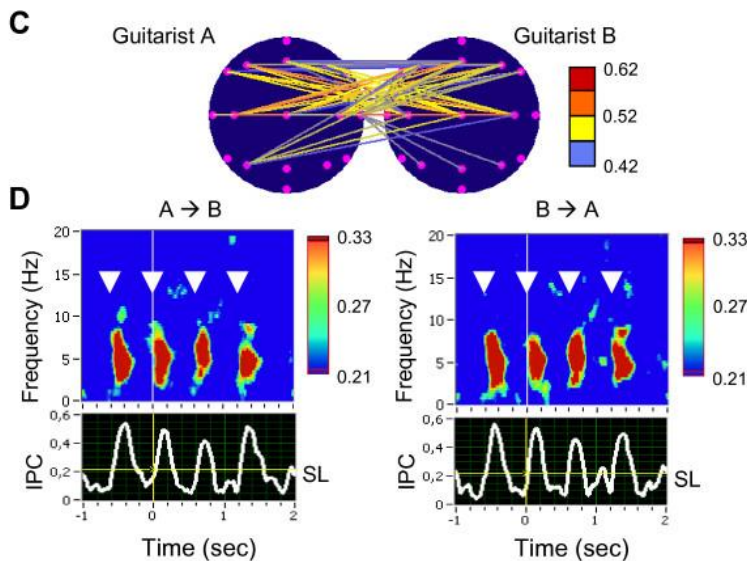
Biophotons emitted from hand

And so when people learn music theory they learn that the Perfect Fifth plus the Perfect Fourth = the Octave. This seems very basic since $3/2$ as the Perfect Fifth x $4/3$ as the Perfect Fourth equals 2 as the Octave. But people don't realize that this music theory formula, expressed with C as the root tonic and the octave also as C, as the same pitch doubled in frequency, (visualized as half the wavelength), and then the Perfect Fifth as the G, that is $3/2$ of the doubling, (visualized as two-third the wavelength) and then the Perfect Fourth as F, or $4/3$, visualized as one-third the wavelength) – this is based on the trickery of Archtyas, not real Pythagorean philosophy of music alchemy.

Synchronization within the brains



Synchronization between the brains



So Western music approximates the noncommutative phase of nonwestern complementary opposites and so you still get synchronization of brains - at a distance - from music. Fields Medal recipient (Nobel of math) professor Alain Connes:

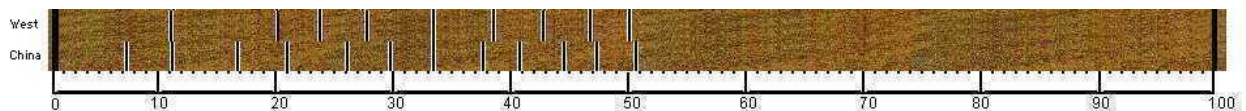
a “universal scaling system”, ... this discrete scaling manifests itself in acoustic systems, as is well known in western classical music, where the two scalings correspond, respectively, to passing to the octave (frequency ratio of 2) and transposition (the perfect fifth is the frequency ratio $3/2$), with the approximate value $\log(3)/\log(2) \sim 19/12$ responsible for the difference between the

“circulating temperament” of the Well Tempered Clavier and the “equal temperament” of XIX century music. It is precisely the irrationality of $\log(3)/\log(2)$ which is responsible for the noncommutative [complementary opposites as yin/yang] nature of the quotient corresponding to the three places $\{2, 3, \infty\}$. -The first natural thing that you would try to get, to get this space would be a sphere, so you can compute the spectrum of the sphere, it is an object of dimension two. So this would never work. You think you are in bad shape because all the shapes we know ...but this is ignoring the noncommutative work. This is ignoring quantum groups. There is a beautiful answer to that, which is the quantum sphere. Musical shape has geometric dimension zero....We could classify finite space...it's related to mathematics and related to the fact that there is behind the scene, when I talk about the Dirac Operator, there is a square root, and this square root, when you take a square root there is an ambiguity. And the ambiguity that is there is coming from the spin structure.

[Math professor \(Fields medal\) Alain Connes on quantum music as noncommutative time-frequency origin of reality from infinite spiral of perfect fifths!](#)

Our brain is an incredibleperceives things in momentum space of the photons we receive and manufactures a mental picture. Which is geometric. But what I am telling you is that I think ...that the fundamental thing is spectral [frequency]....And somehow in order to think we have to do an enormous Fourier Transform...on geometry. By talking about the "music of shapes" is really a fourier transform of shape and the fact that we have to do it in reverse.

So Western music, based on the wrong symmetric math, does not achieve the deep transformation - unless you have the Mozart Effect or the Blues Music - of natural harmonics as synchronized rhythms to transfer left brain listening of time into right brain dominance. Professor Dr. Daniel Oore explains in detail in his Ph.D. thesis on Blues music ([2017, linked](#)).

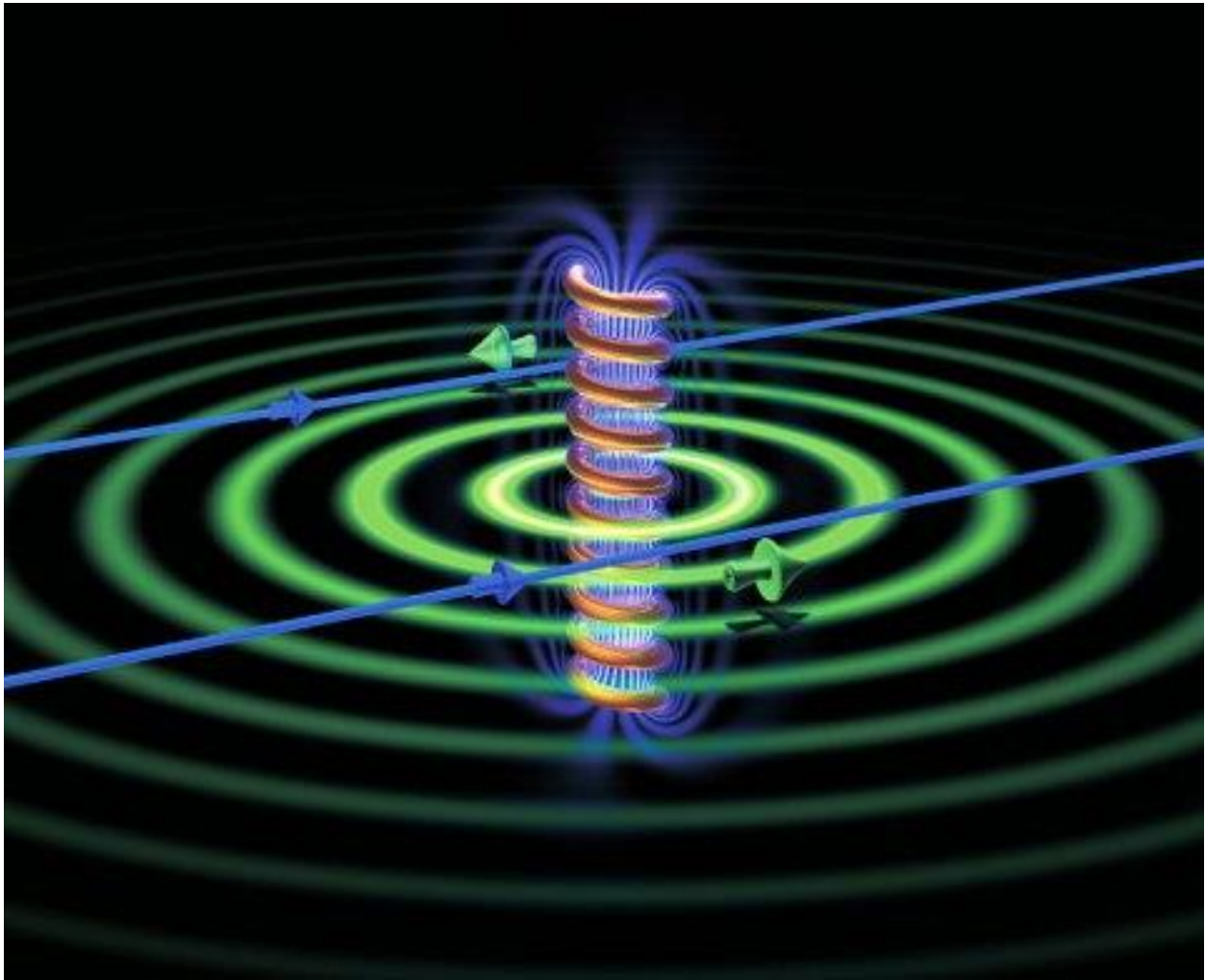


As Chinese language and philosophy Professor and martial artist Patrick Edwin Moran explains the difference between guitar frets of the West and China:

They seem to have decided to put the differences to good use. If the equivalent of "do mi mi, mi so so" sounds different in the equivalent of their key of C and their

key of E, then that is a useful thing because the **feeling** that goes along with those sounds is different. That is similar, but much richer, than our practice of having some songs written in major keys and other songs written in minor keys.

Archytas used the equation "arithmetic mean x harmonic mean = geometric mean squared" to produce the first logarithmic equation as the foundation of Western mathematics. This means that the Octave as 2 is actually the geometric mean squared and so the "square root of 2" is then the middle of the scale as what is called the "tritone" in music theory, but was known as the Devil's Interval by the Church in medieval times -- before modern science based on Platonic philosophy was reestablished with logarithmic mathematics of equal-tempered tuning (Simon Stevin in the late 16th century).



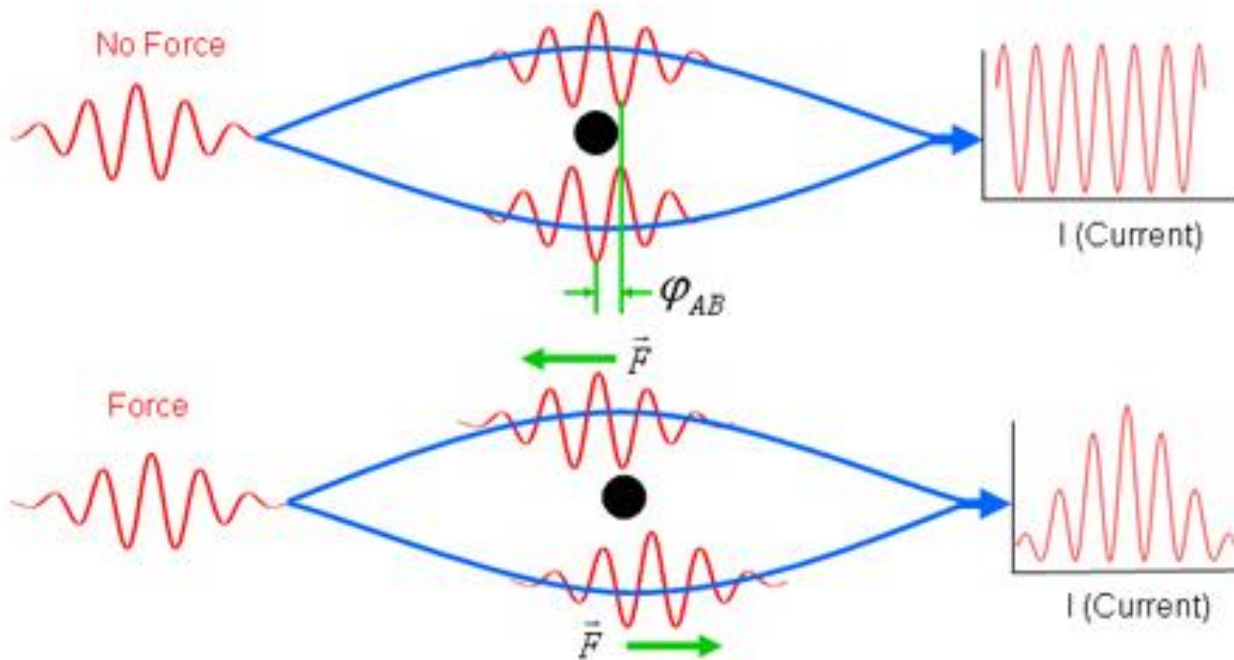
In this field-free region, however, the electromagnetic potential is not zero.

Aharonov and Bohm showed theoretically that electrons on the two paths would experience different phase changes, and that recombining the electron beams would produce detectable interference effects. That is, the intensity of the recombined beam would vary according to whether the phase-shifted wavefunctions reinforced or canceled each other—a measurable physical effect directly related to the potential, contrary to standard wisdom.

[In contrast to the symmetric mathematics from the wrong music theory of Archytas:](#)

For example, the Aharonov-Bohm effect in electronic systems can be mimicked by performing a time-reversal acoustic experiment (in which sensed acoustic waves are time-reversed by computer and emitted back through the same transducers) in the presence of a water vortex ([142](#)). In a recent experiment, Fleury *et al.* ([143](#)) constructed a ring-shaped resonator in which the air was set into circulation. The flowing medium induced a strong Doppler effect, through which sound propagation was shown to be nonreciprocal among the three outlet ports. This is a system that breaks reciprocity and therefore enables true acoustic isolation. Incorporation of nonlinearity into acoustics has shown very interesting results such as reconfigurability ([130–132](#)), high-intensity focusing ([128](#)), and nonreciprocal transmission ([129](#), [137](#), [144–146](#)). Systems whose property (for example, effective mass) is temporally modulated are also able to display nonreciprocity ([147](#)).

Phase or Force?

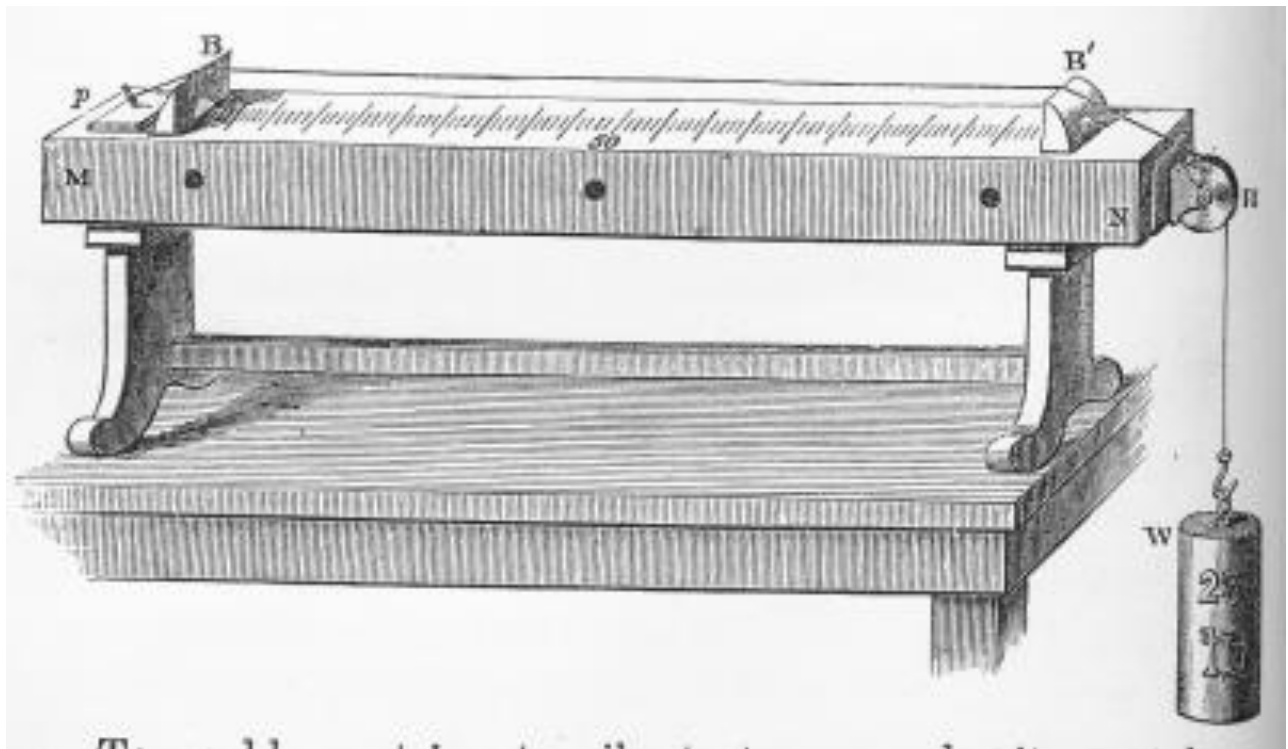


On top the pulse does not shift (i.e. the group velocity does not change), but the relative phase does. This is the generally accepted view of the Aharonov-Bohm effect. On the bottom the pulse does shift as does the relative phase. This is what would happen if there was a force acting....the phase of the 'hidden momentum' in Aharonov-Bohm (AB) solenoid effect is equal in magnitude to the phase of the electron but with opposite sign...."An electrically charged particle is affected by an electromagnetic potential (V, A), despite being confined to a region in which both the magnetic field B and electric field E are zero. If the electric charge through gauge invariance creates an electromagnetic field, wouldn't this isotopic spin also generate a field? And that is the motivation.." Nobel Laureate physicist CN Yang

So when we learn Pythagorean harmonics we are taught the origin of the Perfect Fourth is this:

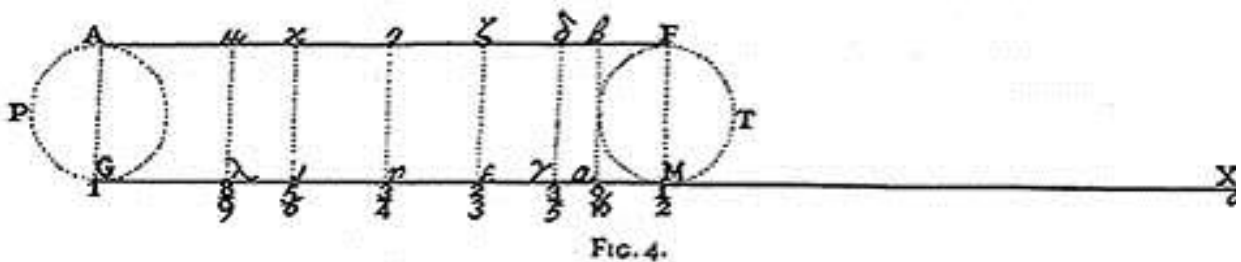
"Going down by a Fifth means dividing by $3/2$. All together we have $2/(3/2) = 4/3$. Thus, by combining intervals, we have actually produced a new interval, called the Perfect Fourth. The Perfect Fourth is defined by a ratio of $4/3$."

http://www.phys.uconn.edu/~gibson/Notes/Section3_2/Sec3_2.htm



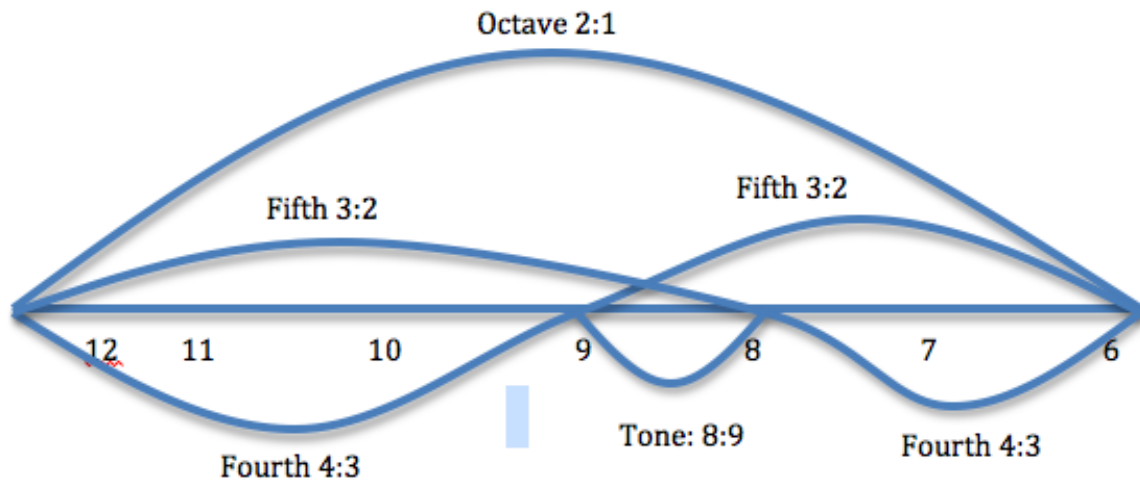
But the problem is that if the Octave is 2 as frequency and the wavelength is $\frac{1}{2}$ then the root tonic as "C" is 1/1 as both the frequency and wavelength with infinite resonance – an "open" string as it were with no "nodes" to contain the medium of the string, to produce the resonance.

This paradox of an infinite vibrating string plagued the early inventors of modern science, and it was finally Newton who realized that Pythagoras had been wrong to use strings for geometric ratios when in fact it is the mass on the end of the strings that creates the tension as the inverse of the square. So that if you take the octave of 2, in fact you are taking a string of length 1 and stretching it 4 times the length to create mass as a doubling of frequency, the square root of 4.



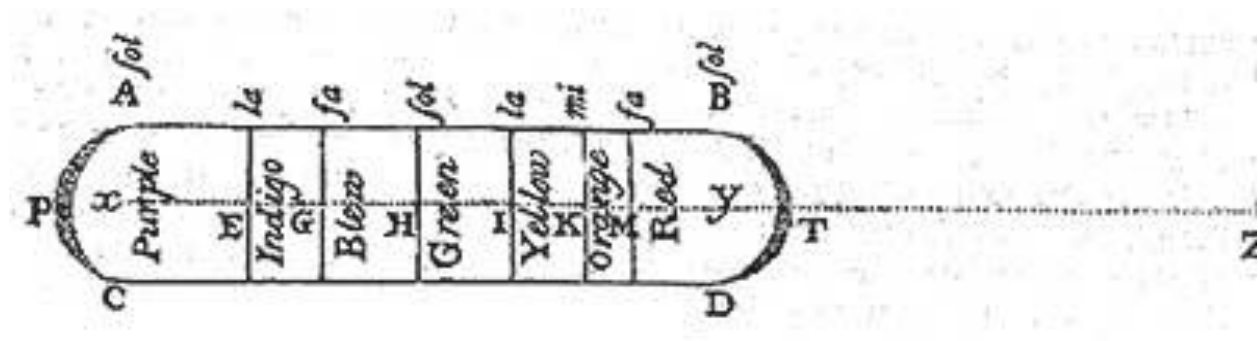
Newton's Colour Music

And so just as Archytas had invented the square root of 2 from the geometric mean as the octave, so then had Newton rediscovered the same inverse square law to explain his mysterious "action a distance" force of gravity, a force dominating modern science, even today.



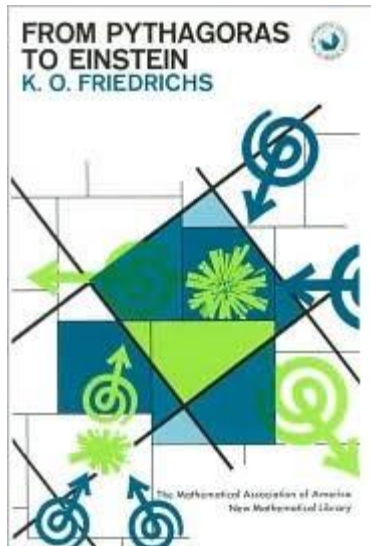
Pythagorean Tetrads is Noncommutative Phase as the three gunas and Tai Chi

The real paradox here is what mathematicians call "incommensurability" which means you cannot achieve a "one to one correspondence" between number and geometry (as mass). It was Einstein who confronted this paradox in physics – directly – by realizing that if the speed of light is constant in the vacuum then spacetime itself curves light, and spacetime is then observed to be relative based on the speed of light.



Funny - Newton thought the Perfect Fourth (Fa) was Blue!

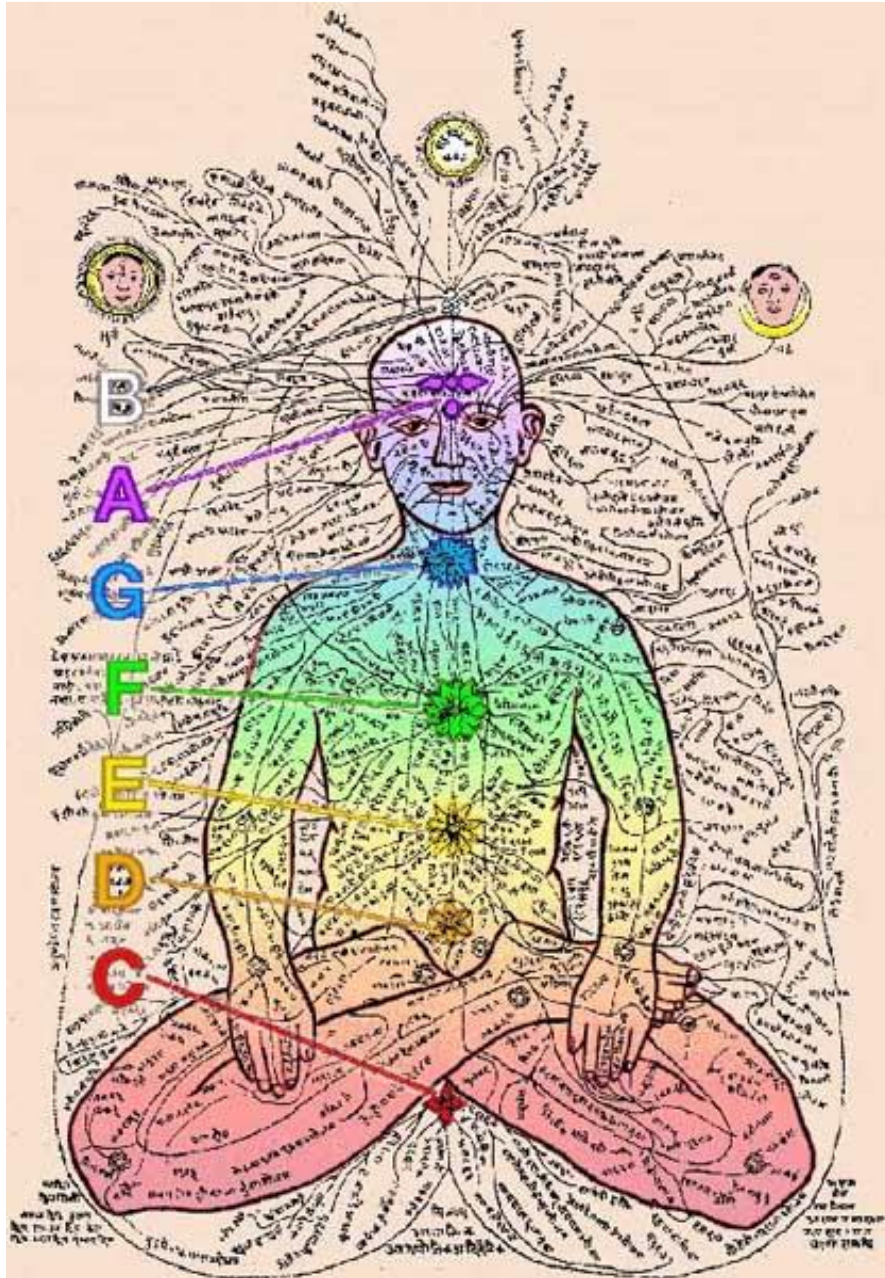
So then, just by extending the Pythagorean Theorem into higher logarithmic dimensions, the 3D dimensions of Cartesian and Galileo invariance now have a fourth dimension of time such that, only a 5th dimension of the speed of light constant in a vacuum, is able to maintain the invariance of measuring observations.



As Hermann Minkowski clearly demonstrated, Einstein's theory is a straightforward extension of Pythagoras into the realm of space-time. And this in itself stresses a key difference between Einstein's results and plain-vanilla Pythagoras. The latter is intuitive as it refers to space only, while Einstein's theory applies to space-time and is highly counterintuitive.

There is a book called *From Pythagoras to Einstein* that extends the Pythagorean Theorem into relativity but what is not acknowledged, except in an M.I.T. press book on the mathematics of music, is that Archytas and Eudoxus, with Euclid summarizing their research, achieved the Pythagorean Theorem from music harmonics of the geometric mean squared.

So the arithmetic mean has to take the value of $3/2$ frequency as the Perfect Fifth or C to G in the harmonic series. If 1 is C as the root tonic, and the octave is 2 as C frequency then 3 is G as the Perfect Fifth. And so then squaring the Perfect Fifth just as the geometric mean is squared for the octave, creates $9/4$ and then to maintain this frequency within the same scale of 1 to 2 frequency, it is halved back to $9/8$. This is then the "major 2nd" music interval or "whole tone" of the famous "doe a deer" song in the Sound of Music movie.

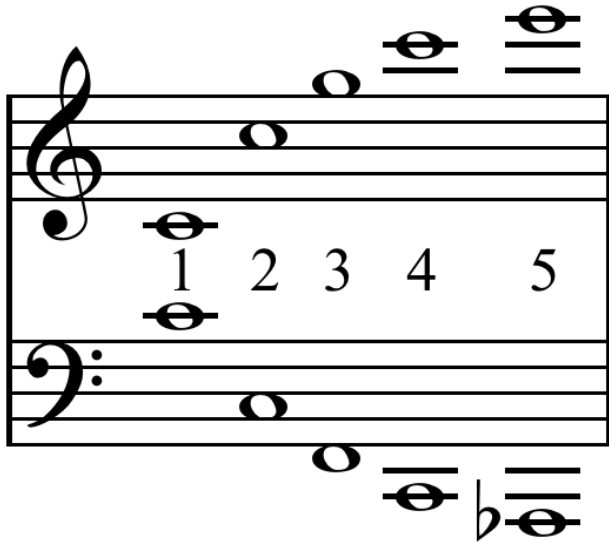


Secretly the Perfect Fourth, F, is the "Ghost Tonic" or $2/3(x)$ since it has to be doubled back to hide the noncommutative quantum undertone.

"Saringadeva decided not to go into details. In another work, "Brahmagranthi", he apparently gave locations in the body for seven notes, placing them roughly near the main chakras. His 13th-century schemes are a faint, fragmentary prefigurement of De Clario's colour-music-chakra code; he gave nothing so clearly defined as a spectrum, however, to climb the scale or ascend the kundalini path."

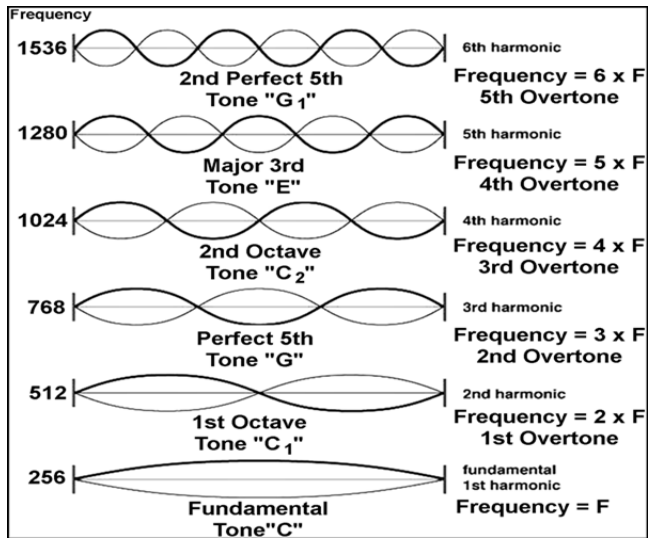
And then if you have three notes of $9/8$ this, based on the same logarithmic

equation of squaring the geometric mean, is actually "cubing" the whole tone and so this then "approximates" the original octave value of the geometric mean squared as 2. In other words the Pythagorean Theorem also called the "Power Axiom Set" in mathematics – as the first "irrational magnitude" equation, originated from the wrong music theory! In music it produced the Tritone as the whole tone cubed or $9/8$ cubed approximating the square root of two as the geometric mean squared or the octave, as Archytas defined it.



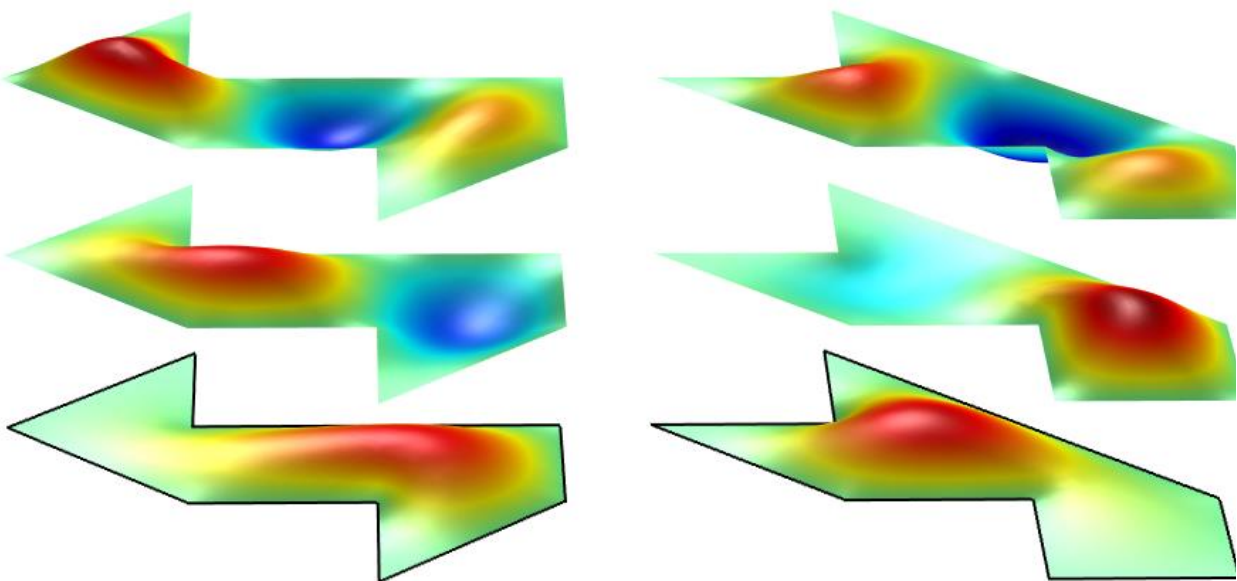
F=3=G at the same time as noncommutative phase, the 5th dimension

Why is it the wrong music theory? Because the "orthodox" Pythagorean harmonics recognized that to get the Perfect Fourth from the octave frequency 2 by dividing by the Perfect Fifth frequency of $3/2$ (or multiplying by its wavelength of the frequency aka $2/3$) is not part of the harmonic series based on the root tonic of 1. The harmonic series has to continue as multiple of one in the denominator, so that the fractions are ratios of the root tonic, with $3/2$ as the third harmonic and so $4/3$ as a denominator that is not a multiple harmonic of the root tonic. Or to put this in plain arithmetic, 2 does not go into 3 evenly and 2 resonates from 1 as the octave with the same perceived pitch of C, as the root tonic.



No Perfect Fourth in the Harmonic Series

So in music theory this is known as the "Ghost Tonic" which means as the Pythagoreans realized, (also called Ghost Waves) the Perfect Fifth frequency of $\frac{3}{2}$ as C to G, overtone harmonic is also the Perfect Fifth frequency of $\frac{2}{3}$ as C to F, subharmonic undertone. Now notice it is a different geometry of pitch – as F – and this is because to achieve the Perfect Fourth as C to F or $\frac{4}{3}$ frequency, this is by dividing 2, the octave C by $\frac{3}{2}$ the frequency of Perfect Fifth and division is noncommutative geometry! In other words the same numbers have different perceived pitch because by changing the order of time and frequency you change the value of the energy of amplitude from a change in the phase of the geometry (wavelength and frequency inversion).



The Quantum Drum means it is proven that the same frequencies can have different metrics or phases - noncommutative phase - at the same time - so Isospectral but not Isometric.

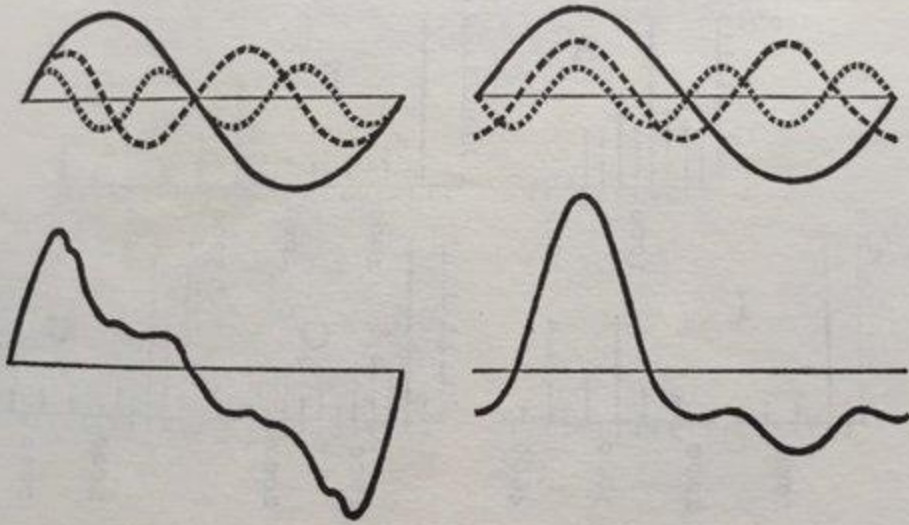
But the Perfect Fifth is the same perceived pitch – hence the same name "Perfect Fifth" in relation to the 1, the root tonic, as C, that as we have noted, does not have any "nodes" – as the ratio 1/1 – the wavelength and frequency are invertible without any change of perceived pitch as well and the octave 2 is the same pitch with double the frequency and half the wavelength. And so for Pythagoreans the number 1 was not a "number" because it was not aligned with any contained geometry and so the number 1 was considered light as the Sun and a male principle of consciousness.

air intervening. But the upper limit Dr. Timm has checked—as of exactly the same to 176,000—the upper limit Dr. Timm has checked—as of exactly the same pitch. Although this ‘ultra-range’ comprises well over three octaves, to us all the 36 tones physically possible seem stereotyped and exactly like the highest tone we can hear in the normal way when it reaches us through the air.

Nature had therefore to make a particularly brilliant invention to endow birds, mammals, and men with the gift of hearing so many different tones. This invention is the basilar membrane of the inner ear.

What does the inner ear in fact do? Let us assume we hear the three octaves above middle C, and then the stirrup vibrates 2,048 times per second on the fluid column of the cochlea. But it sounds different if we hear the same one from a violin or a flute. The reason is that with every instrument the

Figure 68. Two sound waves made up of the same fundamental and two harmonics, but in different phase relationship.



Let us draw up a fundamental vibration with its first and second harmonic overtones [1:2 and 2:3]....if we then shift the phase relationship, we get a totally different course of the combined curve; that is, of the pressure course [amplitude and frequency] which is apparently effective in the final analysis. When looking at both curves, one might suppose that in the two cases we should hear two sounds that are just as different. But in fact our ear does not notice any difference. *Biophysicist Vitus B. Dröscher states in his book, Magic of the Senses, p. 168*

And so then the Perfect Fifth was also the perceived pitch of C to F as the undertone while the perceived pitch of the Perfect Fourth was C to F as the harmonic (but not the overtone of 1). Which is to say the "root tonic" shifts as the ghost tonic, also called the "quantum undertone," in order for 4/3 as C to F harmonic to be created.

Memory, Intuition, Gut feeling

- If we want to listen to our intuition or gut feeling, what information are we accessing?
- Is this information holographic or quantum? Are microtubules involved to access it?
- Can we measure this ability?
 - Galvanic skin response (lie detector)
 - Heart rate variability
 - Noninvasive nanosensor biofeedback



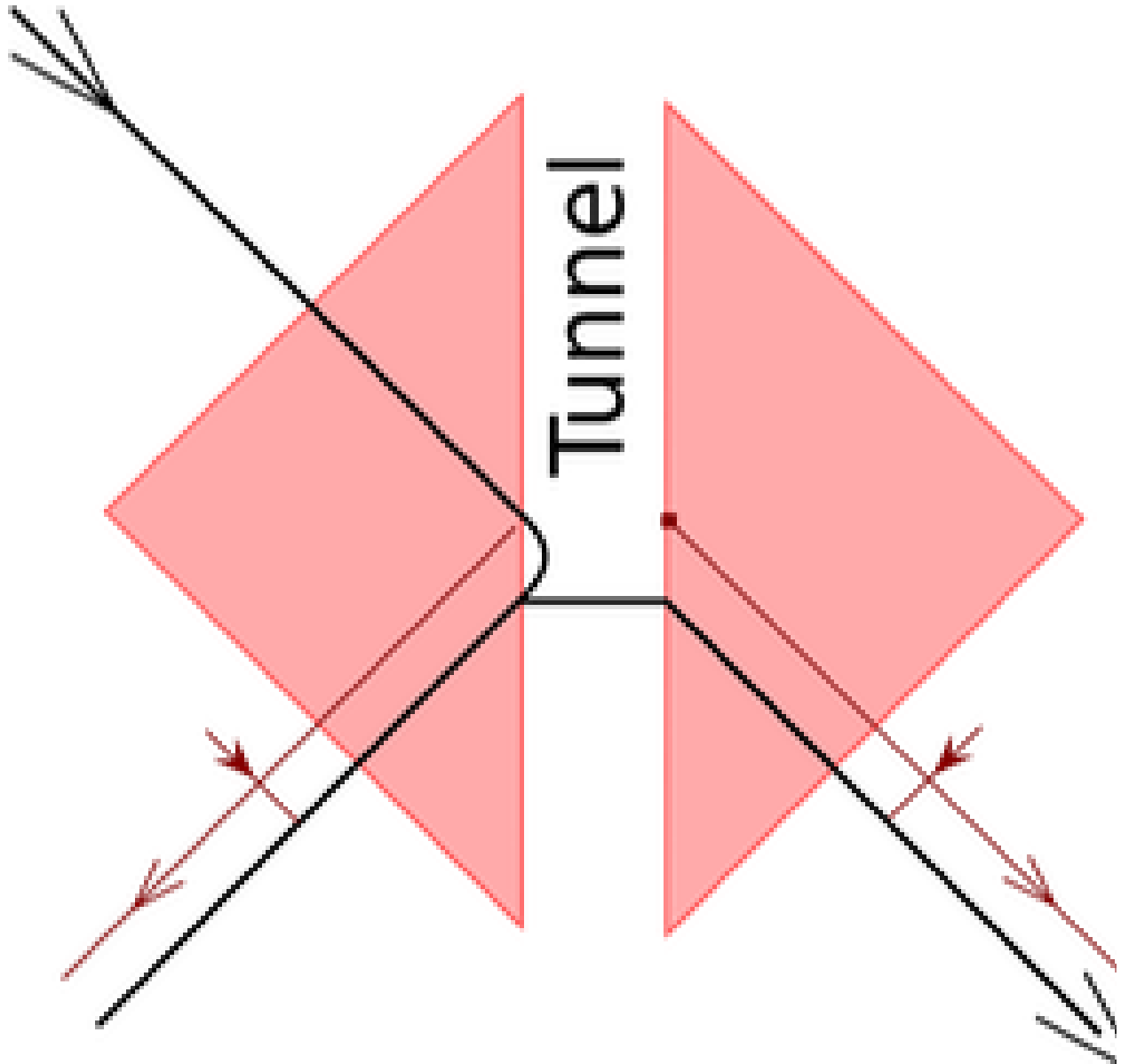
99

Proprioception middle ear flexing as ultrasound HyperSonic Listening resonates third eye to create Quantum Undertone serotonin tummo or blissful heat in small intestines as reverse time quantum coherence energy (qi or prana)

I call this the "Hempel Effect" but now it is called by Professor Pierre Deymier, "Phi-Bits" or quantum phase bits using sound or phonons for room temperature nonlocal macroquantum superconductivity computing.

Reciprocity of fundamental frequency transmission coefficient (FFTC) is now investigated. Since the geometry is symmetric with respect to its center at f from

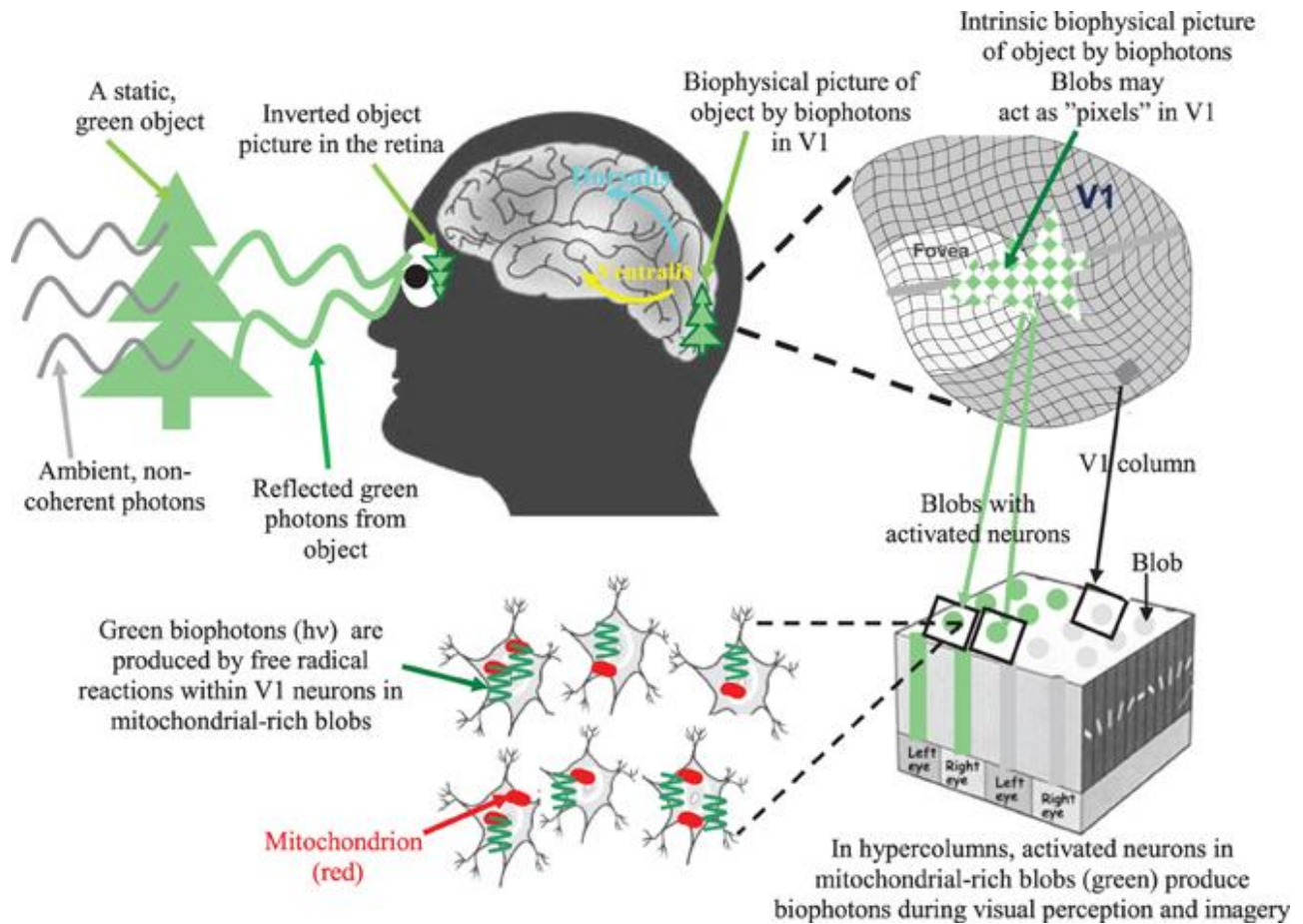
A to B with two opposite values of v is equivalent to comparing FFTCs from A to B and B to A at f with a single value of v .



Superluminal Phonon Signaling can even be Mozart as Dr. Guenther Nimtz proved - due to quantum tunneling at "zero time" of noncommutative phase

What Archytas did was to cover up this noncommutative geometry by stating that the Perfect Fifth as undertone pitch of C to F or $2/3$ frequency (wavelength $3/2$) is

not allowed since it does not fit into his equation: "Arithmetic mean $(3/2) \times$ harmonic mean $(4/3) =$ geometric mean squared (2) ." In other words previous to Archytas, the Pythagorean Philolaus called $4/3$ the subcontrary mean, not the harmonic mean, since it was realized that since 2 does not go into 3, then the true origin of the Perfect Fourth as C to F in the scale is actually as the subharmonic or undertone as the Perfect Fifth, C to F or $2/3$, the same pitch or Perfect Fifth, as C to G overtone harmonic $3/2$.



closing our eyes and visualizing light then increases serotonin and alpha-theta brain waves

And so as math professor Luigi Borzacchini realized only a "negative judgement paradox" enabled the creation of irrational magnitude as the Greek Miracle because a person cannot visualize with geometry the fact that the arithmetic is infinity and the arithmetic cannot be contained as infinity.



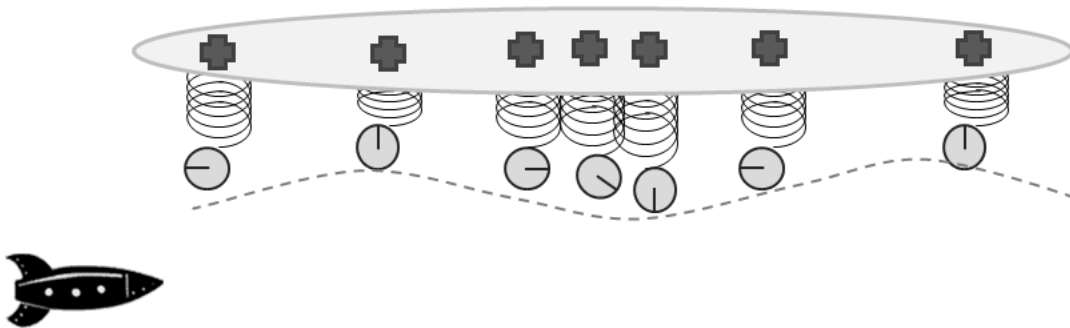
Quantum physicist Dr. Guenter Nimtz sends superluminal sound signals through the 5th dimension:

Metamaterial Microtubules create

"a passive dielectric medium with a negative group delay time due to polarization shift. A rotational strain of the polarization vector by one of the adaptors is coupled with a drastic negative group velocity. Evanescent optical modes with their imaginary momentum are strange particles...the superluminal acoustic

effect we have described is likely a ubiquitous but imperceptible phenomenon in the everyday world."

But the problem is that the empirical truth of the music natural harmonics as noncommutative geometry, since that is the perceived pitch, is changed by Archtyas, with the Perfect Fifth phase shift being heard as the same interval, (the Single Yang as inner listening alchemy - called the "inner ear method" by Buddha or "silence samadhi" by Ramana Maharshi) - even though the frequency and wavelength (amplitude creating mass) changes for the irrational magnitude math that is symmetric mathematics as logarithms and exponentials. In other words in modern science terms we learn this as "frequency" or Hertz – cycles per second, from Galileo defining a second based on the timing of the heart beat to measure gravity as a logarithmic inverse square relation. This is wrong - a true Perfect Fifth is noncommutative quantum phase coherence as infinite energy.



From the invariance of light as the observer, a superluminal phase wave guides, from the future, the space ship (our brains): the Law of Phase Harmony of relativistic quantum 5th Dimension force.

So it was not until relativity and quantum physics, when Louis de Broglie was putting the two together, as the Law of Phase Harmony, that the paradox was rediscovered. As matter goes towards the speed of light (as invariance) in terms of relativity the time slows down, the wavelength gets bigger, but the frequency in terms of Pythagorean harmonics music also get smaller, since they are inverse proportions. Yet based on quantum physics, the energy of light is directly proportional to frequency with the mean average energy of light (Planck's constant) as frequency divided by cycles per second.

$$E = h \nu$$

Without the units provided by h, it's apples to oranges:

$$E \text{ joules} \times \nu \frac{\text{vibrations}}{\text{second}}$$

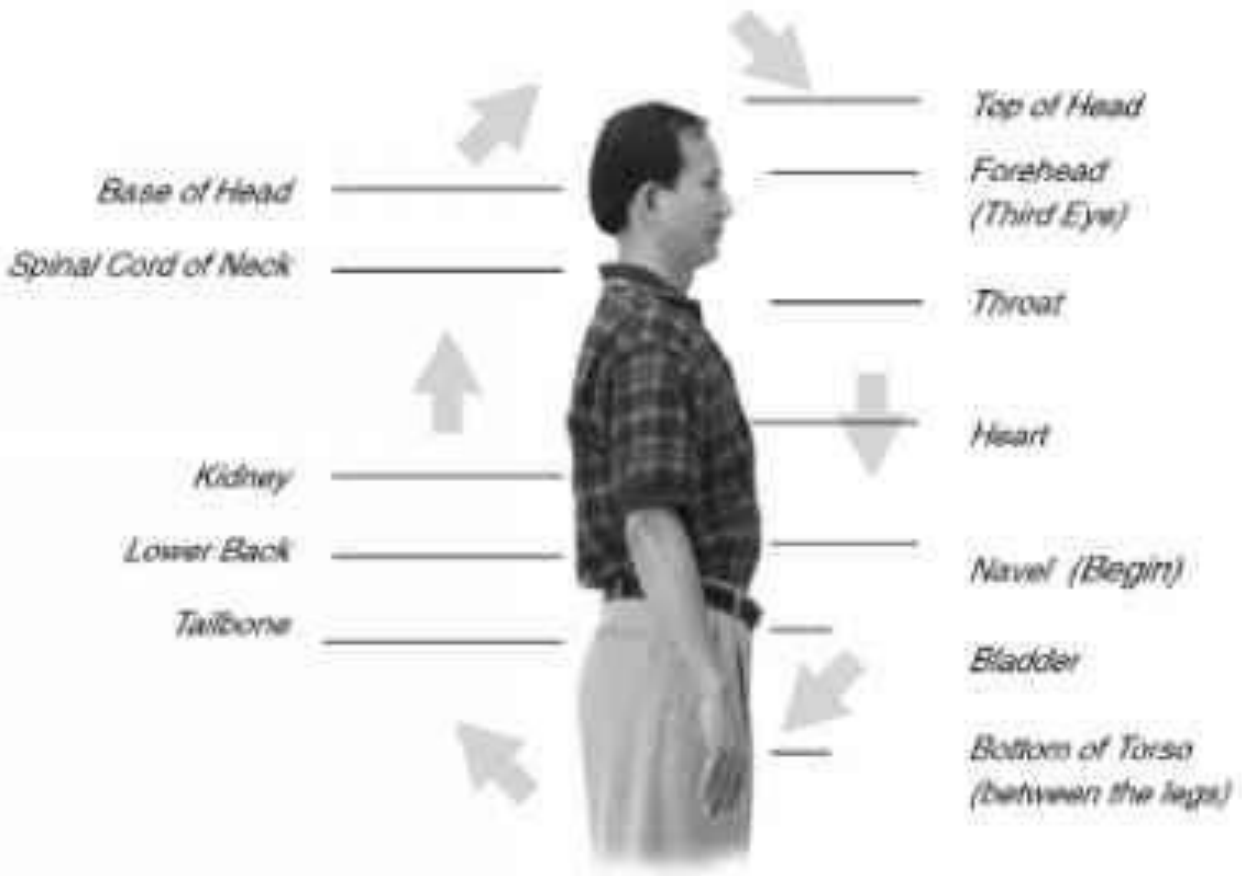
"Vibrations" is just a number. It has no units.

To make the equation come out right, h has units of joule • seconds.

$$E \text{ joules} = h \text{ joules} \times \cancel{\text{seconds}} \times \frac{\text{vibrations}}{\cancel{\text{seconds}}}$$

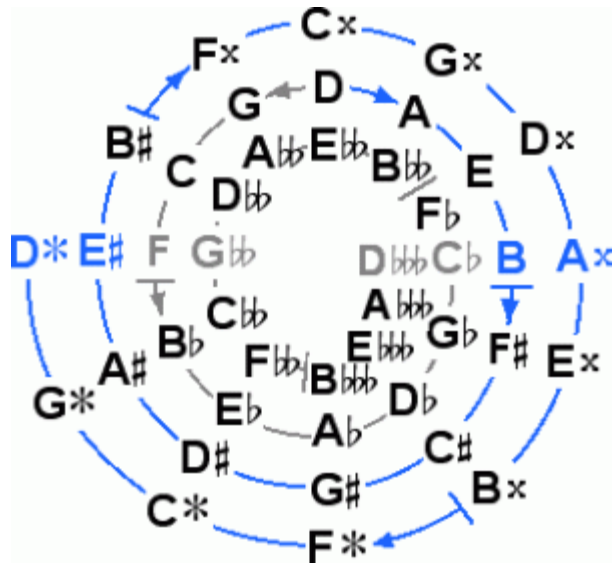
Frequency or cycles or vibrations is "not just a number" - it is real energy!! Patrick Edwin Moran, Ph.D. Daoist philosopher: Why Planck's Constant is not the minimum of energy

But a "cycle" in physics is considered to define frequency as something you visualize based on irrational magnitude geometry – with the nodes closed as a circle of radians or symmetric ratios. And so the geometry is transcendental but it is also symmetric as a visualization yet the truth of the harmonics, the Law of Phase Harmony is noncommutative geometry (seconds to vibrations is noncommutative!) that can not be visualized – as the 5th dimension.



12 harmonic nodes of Daoist-Pythagorean-Kriya yoga meditation as infinite noncommutative quantum phase

So de Broglie realized there has to be a 2nd "cycle" that is from the future – or reverse time – so that relativity and quantum physics can be synchronized, or harmonized. This is a phase wave that is non-local as the 5th dimension, meaning in two places at the same time, just as the Pythagoreans originally knew that $G=3=F$ at the same time, as the Perfect Fifth frequency equals the Perfect Fifth wavelength and vice versa as pitch perception of phase change being equal, even though their geometry of amplitude and frequency were inversely reciprocals.



Small Universe Daoist Meditation is 12 notes as infinite spiral of Perfect Fifths, the Single Perfect Yang as noncommutative phase alchemy transformation

And so the amplitude value is based on squaring the inverse for gravity whereas the original phase shift is just pure noncommutative geometry that is infinite as the 5th dimension and so cannot be squared back into a symmetric mathematical geometry.

Quantum Phase Extraction in Isospectral Electronic Nanostructures

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SIMES, SLAC National Accelerator Center, 2575 Sand Hill Road, Menlo Park, CA 94309
Work supported in part by US Department of Energy contract DE-AC02-76SF00515.

Noncommutative Phase means entanglement information-energy extraction: We present a method to map complete electron wave functions, including internal quantum phase information, from measured single-state probability densities. We harness the mathematical discovery of drum-like manifolds bearing different shapes but identical resonances, and construct quantum isospectral nanostructures possessing matching electronic structure but divergent physical structure.

This is what the philosophy professors Hugly and Sayward meant in their 1999 article, "Did the Greeks Discover the Irrational?" (the Pythagorean Theorem). There answer is no because logically geometric length is not the same as arithmetic distance. Now another math teacher pointed this out as well and again this is known as "incommensurability" and creates unsolvable paradoxes of set theory in math since there are truly two cycles of time – one as phase shift and one as a cycle being observed – and the two cycles are noncommutative geometry to each other. Consider this standard proof for the "square root of two."

$$top^2 = 2 \times bottom^2$$

This means that top^2 must be an even number - because 2 times anything is even.

And that makes top an even number too - because an odd number multiplied by itself is always odd.

What's more, if top^2 is an even number, so is $bottom^2$.

This is because an even number squared divided by 2 is still even - and $bottom^2$ is top^2 divided by 2.

That makes bottom an even number. So, top and bottom are both even.

That means that each of them can be divided by 2.

But hang on. We started out by saying top and bottom were chosen as the simplest possible ratio - any common factors had already been divided out.

Now we are saying they have to have a common factor of 2. This isn't possible. The only thing we can have wrong is our original assumption, which was that $\sqrt{2}$ is a rational number.

"The only thing we can have wrong".... No - the other wrong assumption is not understanding that $2/3$ and $3/2$ (squared to $9/4$) and halved to $9/8$ and cubed to square root of two - covers up that $2/3$ and $3/2$ are noncommutative phase originally - which means geometric mean squared assumes that harmonic mean can be squared as well ($9/4$) but harmonic mean is noncommutative to arithmetic mean as the subcontrary mean $2/3$. So geometric mean squared as 2 is not a valid number to derive irrational magnitude.

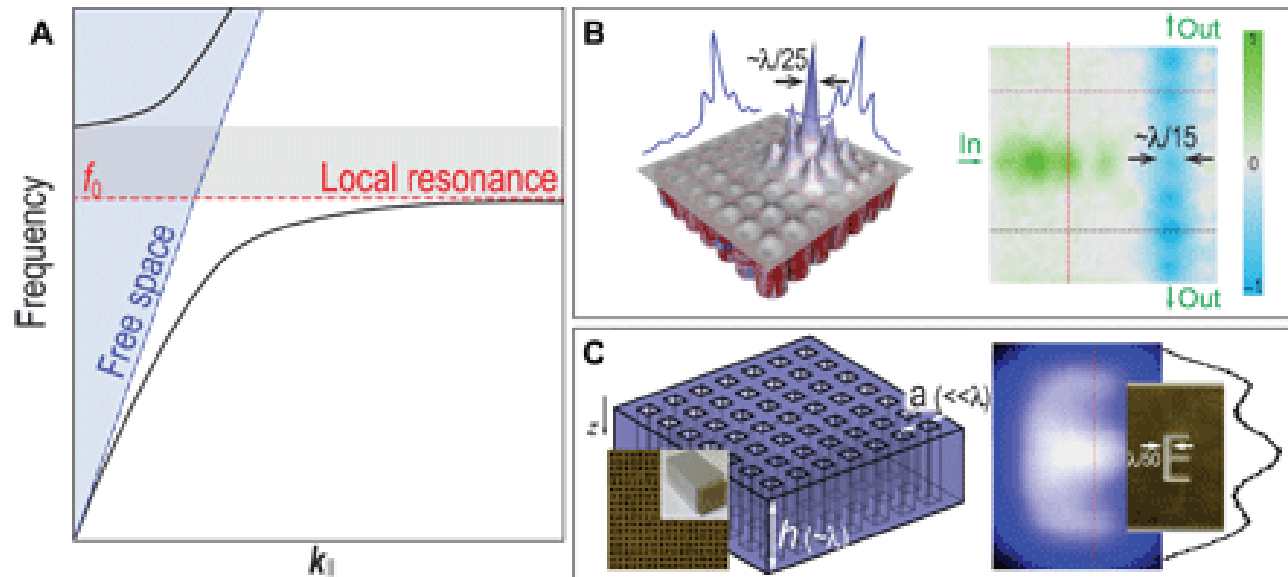
Replacing the Pythagorean knotted rope by a spin-half fermionic Dirac propagator for the quantum surveyor [As Cédric Bardot explains](#) -

Brainwashed by Pythagoras and Descartes?

[Pythagoras Theorem in Noncommutative Geometry pdf](#)

Entanglement is an exclusive property of noncommutative...quantum systems.

But science has now realized that listening as perception is nonlinear, unlike vision as a measurement to align number and geometry being a linear operation. So what is called "time-frequency uncertainty" in science or "Fourier Uncertainty" that is translated into "Heisenberg Uncertainty" based on Planck's constant of position and momentum (using angular frequency and time), is actually solved by listening as philosophy since humans can hear faster than Fourier Uncertainty.



Microtubules of Collagen, in meditation, as right brain dominant alpha-theta brain waves, are metamaterial with "subwavelength" of same frequency, thereby blue-shifting light into reverse time energy (virtual entanglement photons)

Our left and right ears achieve phase coherence that is inherently quantum coherent at the microsecond wavelength with a frequency of ultrasound, again the highest pitch we hear externally actually resonates the whole brain as ultrasound, as the "sixth sense" of proprioception, creating synesthesia.

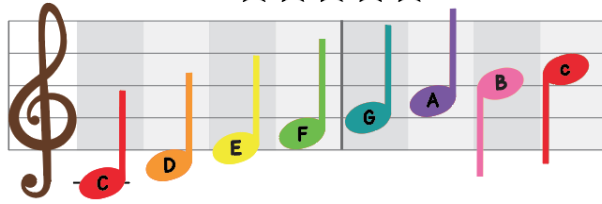


Oldest Tai-Chi symbol (no Wu Chi empty circle) -just yin-yang as noncommutative phase as the foundation of reality

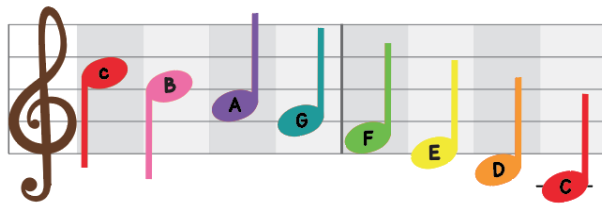
And so it is quite ironic that the pitch of F is perceived, almost universally, as the color blue – at least this was the agreement between myself and my chamber music camp roommate at Madeline Island on Lake Superior.

C Major Scale

Lesson 2.6



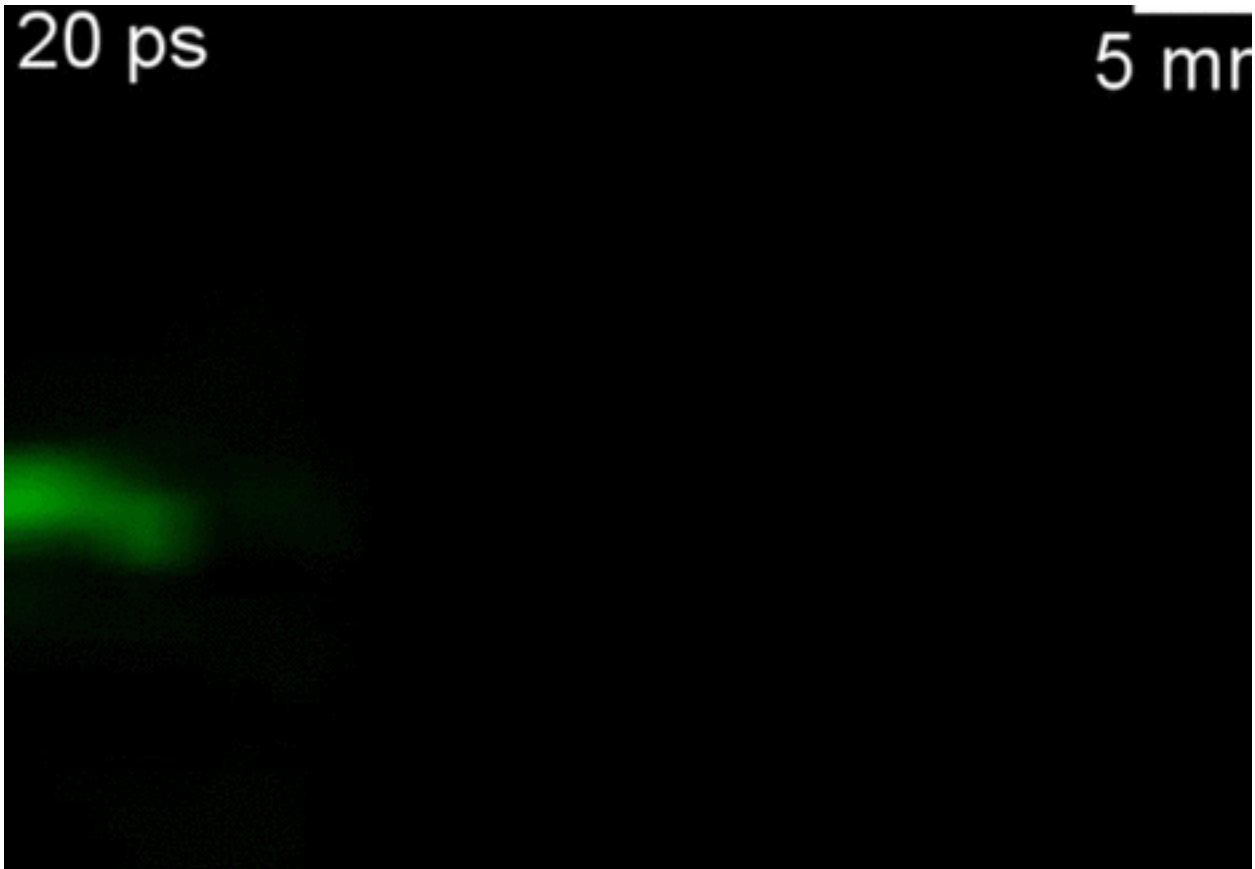
1st Time Sing Red Orange Yellow Green Teal Purple Pink red



1st Time Sing red Pink Purple Teal Green Yellow Orange Red



So now I realize that the secret of blues music is actually to create a bending of spacetime by what Louis de Broglie called the "hollow resonator" of the non-local wave guide or superluminal quantum entanglement phase wave.



Superluminal Sonic Boom Phonons of Light has now been documented

In other words there is a blue-shift of light by listening to the source of light as phase coherence of sound in 4D spacetime (localizing sound in time and space within our bodies with our eyes closed).

Each of the 12 harmonic notes of the Chinese alchemical music scale are Qi nodes, just as in Kriya yoga, as a month of the Solar Year (the Perfect Single Yang as Perfect Fifth infinite spiral) The Yellow Emperor, Huang Ti, in 2700 BCE, told Ling Lun to create the “infinite spiral of fifths” music tuning based on the Perfect Fourth music interval as yin and the Perfect Fifth musical interval as yang, according to the 240 BCE book, Lü-shih ch’un-ch’iu (*The Spring and Autumn of Lü Pu-Wei*

Yang pipe became Yin, and by “increasing” the Yin pipe was transformed into Yang.

In the first case, the result was a downward generation,

and in the second, an upward one. Thus we find a continuous process of generation, with continuous exchanges of qualities

between Yang and Yin, making clear the dynamic characteristics of the procedure followed.

Each of the 12 IUIU [pipes of Perfect Fifth/Fourth] were assigned a hou [climatic season] chosen among the 24 jieqi [solar terms]. For example, Huangzhong corresponded to Dongzhi [winter solstice]; Linzhong recalled the Dashu [great heat] and so on. Furthermore, the figure indicates, together with the names of the IUIU, the 12 dizhi [earthly branches] in their relative order. Thus the first IUIU corresponds to the first dizhi, that is to say Zi [son] and so on. The dizhi were also used to indicate couples of hours during the day; for example, Zishi [time of the son] indicates the hours from 1.00 p.m. to 1.00 a.m., and the other dizhi follow the order of the hours

[Martial Artist Chinese Language and Philosophy professor Patrick Edwin Moran](#)

This method has an ancient history, and was first written about in the *Lyu Shi Chun-qiu*, a text produced by the "think tank" of a late Zhou dynasty figure around 239 B.C., and the *Guan Zi*, a syncretic text attributed to a very early figure, Guan Zhong, who died in 644 B.C. The book may have been compiled in the late fourth

century B.C., but may also contain materials going back to the historical Guan Zhong's time.

The Chinese rule is very simple: Take $\frac{2}{3}$ of the length of the open string, and put down a fret there. Then take $\frac{4}{3}$ of that second length and put down a fret there. The third step is to take $\frac{2}{3}$ of the last length, then $\frac{4}{3}$, and so forth. Let's see how that works.

The Chinese knew about the tempered scale even before it was invented in the West, but they chose not to use it.

This process, called the "small universe" or "microcosmic orbit" or Kriya yoga meditation in China and India respectively is based on the 12 notes of music as body-mind harmonic nodes that transform the body using light turned back on itself. In Pythagorean Orthodox philosophy it is called Incubation requiring five years of listening in silence as meditation to the energy of the "snake-master" (Pythagoras).



Sophielinksu

THE ORPHIC EGG

From Bryant's An Analysis of Ancient Mythology



"The ancient symbol of the Orphic Mysteries was the serpent-entwined egg, which signified Cosmos as encircled by the fiery Creative Spirit. The egg also represents the soul of the philosopher; the serpent, the Mysteries. At the time of initiation the shell is broke. and man emerges from the embryonic state of physical existence wherein he had remained through the fetal period of philosophic regeneration."

-From *The Secret Teachings of All Ages* by Manly P Hall

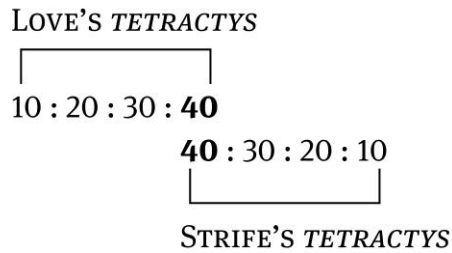
To quote an expert: "Orthodox Pythagorean theory recognizes five consonances: fourth, fifth, octave, twelfth, and double octave; and these are represented by the multiple and superparticular ratios $[n + 1 : n]$ from the tetrad. The number 8 obviously does not belong to the tetrad." André Barbera, "The Consonant Eleventh and the Expansion of the Musical Tetractys: A Study of Ancient Pythagoreanism," *Journal of Music Theory*, 1984. Like I said, the Pythagorean Theorem did not come from Pythagoras! No 8 means no $9/8$ which means no $9/8$ cubed as the square root of two, no Devil's Interval and no "scandal of the

irrational." As Peter Pesic reveals, in his *Music and the Making of Modern Science*, Boethius explains the alchemical blacksmith training of Pythagoras based on complementary opposites or creative fire of the Tetraktys or Tetractys (the alchemical Tetrad of fire under water to create air as qi or prana - called Ion). Boethius tells that "the fifth hammer [9/8] which was dissonant with all, was rejected." Here Pesic decides that actually the Pythagoreans had to accept this interval - despite Boethius just telling him otherwise! In fact the ancient "Lyre" or tambura (or tanpura) of India just has four strings - based on the octave, Perfect Fifth/Perfect Fourth as complementary opposites. And the secret is the infinite resonance of noncommutative phase.



Mithras or Phanes (the Light) emerging from the Cosmic Egg and surrounded by a mandorla of the zodiac (corresponding to the twelve "altar fires" in the Pythagorean tarot) - secret of the Small Universe meditation from Ancient Pre-Socratic Pythagorean (Snake-master) blacksmith alchemy
"The first four divine number ratios (1, 1:2, 2:3, 3:4), equivalent to the vital energy of Taoist qi gong, are considered the "seed of fire," the "creative essence," and "logos," by Pythagoreans."
citing Grandy, David. 1993.

The Musical Roots of Western Mathematics, Journal of Interdisciplinary Studies V (½): 3-24.

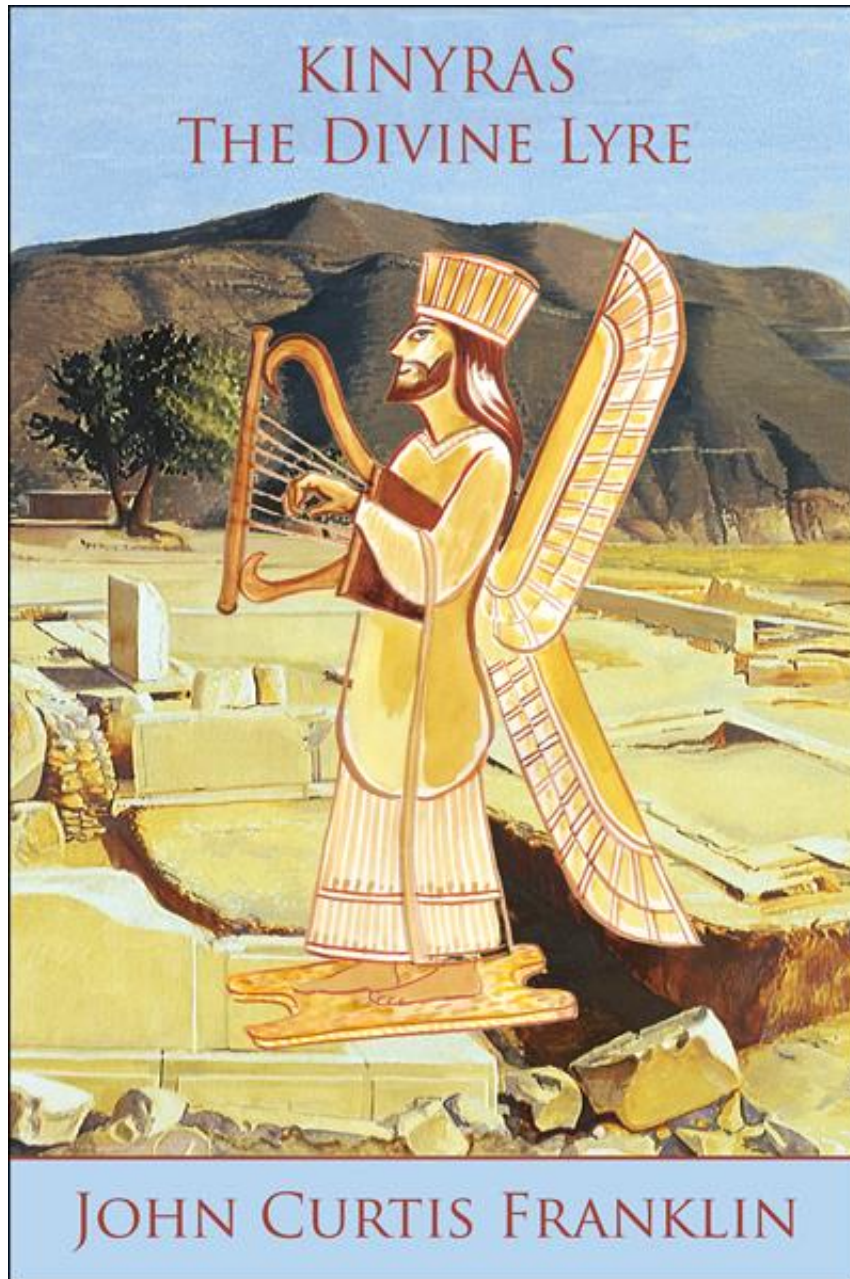


Empedocles' Cosmic Cycle and the Pythagorean *Tetractys*

Oliver Primavesi - secret of noncommutative phase harmonics

Published Online: 2016-07-15

Simple yet ingenious, the bow is a mechanical riddle, worthy of the divining powers of Apollo—for “this god is in charge of Harmony” (ancient Greek translated), a four-fold domain comprising music, archery, divination, and healing. According to epic formula, Apollo’s domain was “the lyre and bending bow” (ancient Greek translated). The string once connected, the bent arms attempt to diverge (ancient Greek translated) and release the potential energy invested by the bender; they are instead forced to converge (ancient Greek translated). The disparate parts thus joined, the bow emerges as a single and continually self-interacting whole, at once articulated and a continuum, limited and unlimited. [“Harmony in Greek and Indo-Iranian Cosmology”, The Journal of Indo-European Studies 30.1/2 \(2002\), 1-25 Professor John Curtis Franklin](#)

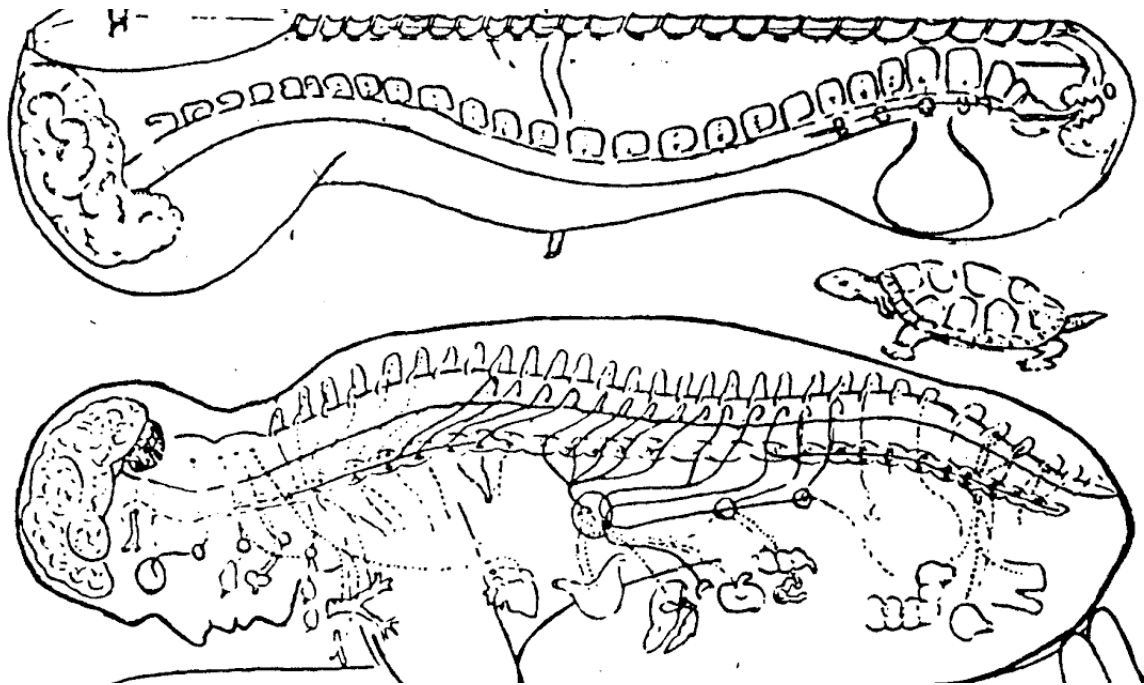


Harvard University Press, 2016 [Fully readable free](#)

The Orphic Cosmic-Egg Snake is, according to the amazing book *The Origins of European Thought: About the Body, the Mind, the Soul, the World, Time, and Fate* by Richard Buxton Onians, Cambridge University Press, 1951: pp. 118-122 - Pythagorean alchemy secrets of the consciousness conspirachi from 5th C. BCE!

"begotten by a wind...a breath-soul...harmony...drawn from the whole body...gathers in the spinal marrow...most of it flows from the head...a Pythagorean quoted, 'that the

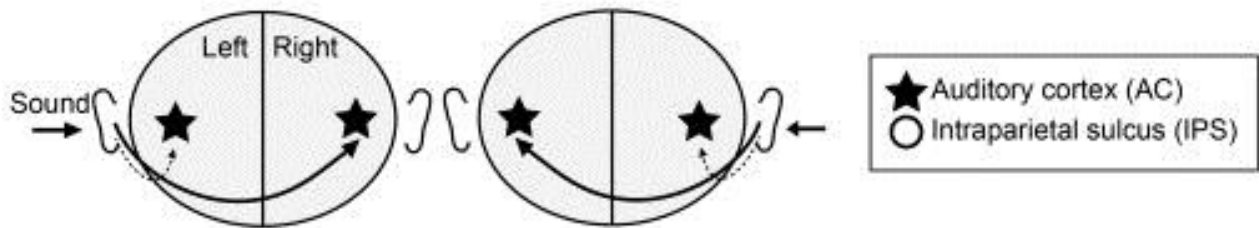
seed....generative water of the marrow [aka cerebrospinal fluid].... that breathes through the reproductive organ.... is a drop of the brain containing in itself warm vapour....the union of the two serpents represent the life complete by the union of the male and female'.... (googlebook)



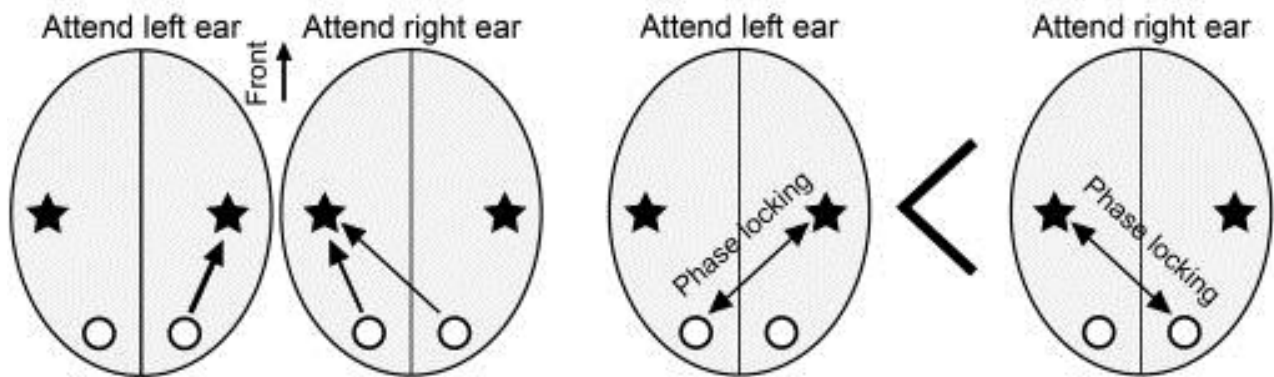
The Veena with 24 frets is the spine as prana energy tuned by the three gunas: Octave (sattva), Perfect Fifth (rajas), Perfect Fourth (tamas). As Yogananda describes Kriya Yoga, "The Kriya Yogi mentally directs his life energy to revolve, upward and downward, around the six spinal centers (medullary, cervical, dorsal, lumbar, sacral, and coccygeal plexuses) which correspond to the **twelve astral signs of the zodiac, the symbolic Cosmic Man**. One half-minute of revolution of energy around the sensitive spinal cord of man effects subtle progress in his evolution; that half-minute of Kriya equals one year of natural spiritual unfoldment." Ref: **Sriranga sadguru in "Amaravani"** "The 24 frets of the (Veena) instrument are analogous to the 24 cartilages in the spinal cord. The number 24 also relates to the 24 syllables in the Vedic Gayatri mantra." Acoustic engineer and Vedic sound expert, Dr. M.G. Prasad.

As quantum biology has shown with our eyes open we emit biophotons but if we close our eyes and visualize light, then the right brain increases our biophotons.

AC responses to monaural sounds



Connectivity hypothesis

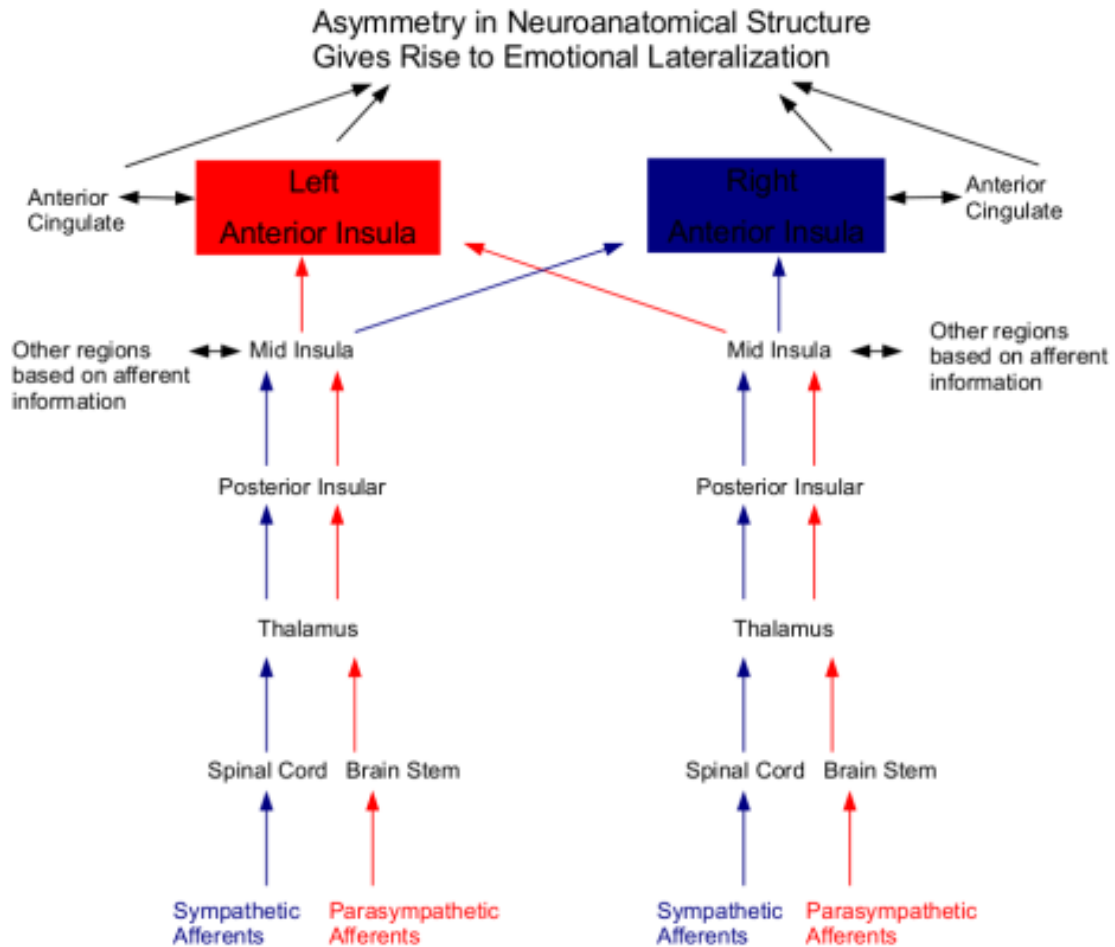


This to music is right brain dominant as with visualization with eyes closed, causing brain phase coherence

"Binaural hearing is the acoustic analog of the interferometer or double-slit experiments. The two ears can be regarded as an acoustic interferometer, which recovers the phase difference of signals between the two ears by binaural correlation....matter waves are locally in phase with the superluminal particle clocks (de Broglie's Law of Phase Harmony).

The clock runs forever so it's self-sustaining (consciousness-energy). It resonates with the quantum vacuum." Physics Professor Manfred Euler

"Consistent with our hypothesis, stronger cross-hemispheric PPC (pairwise phase consistency) was observed between the right IPS (the intraparietal sulcus) and left AC (auditory cortex) for attended right-ear sounds"



The right side vagus nerve connects the serotonin neurohormones of the lower body with ultrasound piezoelectric collagen resonance bypassed the blood-brain barrier via the pineal gland. The right side vagus nerve connects to the left side of the brain but the left side vagus nerve does not connect to the right side of the brain, causing left-brain dominance to be controlled by the subconscious lower body emotional neurohormone blockages.

But we perceive music pitch also with our right brains and so we can then synchronize our visualization with our pitch perception as the 5th dimension that is quantum coherence or quantum entanglement directly from noncommutative geometry of quantum phase (the spin $\frac{1}{2}$ of the half quantum of time-frequency uncertainty in the measurement paradox of quantum relativity). Dr. Mae-Wan Ho called this "quantum jazz" since the auditory perception is nonlinear and quantum coherent - faster than time-frequency uncertainty or Fourier Uncertainty that

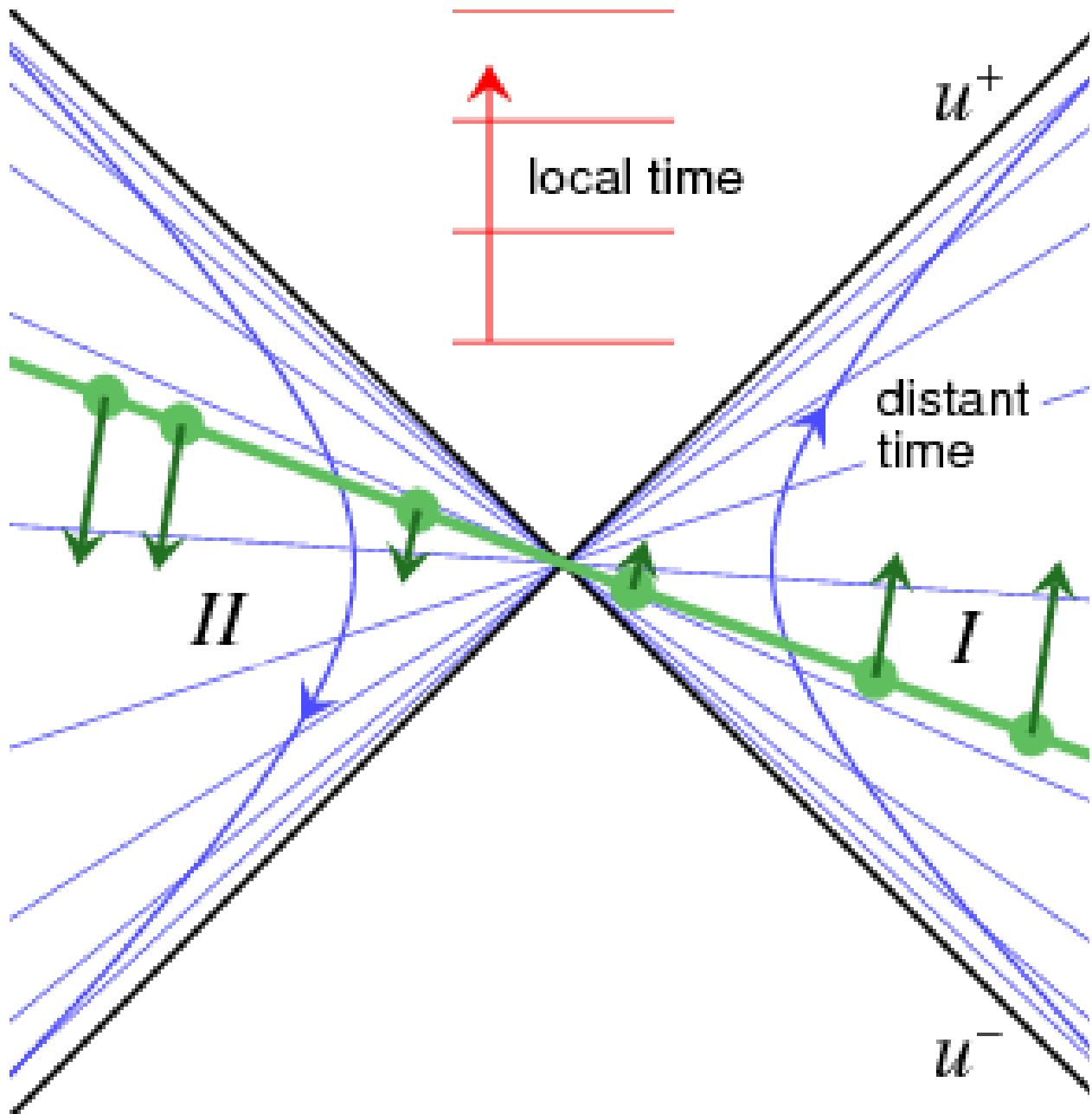
otherwise does not enable a Perfect Fifth harmonic to be perceived (by technological linear operator measurements).

"...superconductivity within one neuron could become phase coherent with that in an adjoining cell by virtue of quantum tunnelling, and this could be stimulated by the macroscopic analog of stimulated emission (alluded to before in connection with the mantra), that is an AC Josephson effect. ...At a more interesting level, the quantum vacuum state may be said to be empty (of excitation) and yet full in the sense of pure potentiality; it contains "virtual" (unphysical) representatives of all possible modes of matter and excitation in the form of vacuum fluctuations or "virtual particles" (zero-point excitations of each field mode, assigned one-half quanta of energy, due directly to the non-commutative property of the field operators)."

[Former Hampshire College physicist Lawrence Domash, confirms superluminal quantum sound as noncommutative meditation! 1975, pdf](#)

"molecular vibrations exhibit a super-radiant instability....results in macroscopic quantum coherence...required to account for quantum-limited measurements in sensory systems....in accord with experiments in the sensory receptors of the inner ear....hearing is a macroquantum phenomenon....Thus, the ear not only makes use of a novel mechanism to reduce thermal noise, it possesses a device as noiseless as the uncertainty principle allows, and in this way it makes quantum-limited measurements, in spite of thermal noise. It is the presence of this device, a quantum limited amplifier, which makes the perception of sound a macroscopic quantum phenomenon....In the quantum-limited regime the phase of the signal is translated into the phase of the amplifier wavefunction, as is clearly true in Josephson junction devices, for example....they must be *coherent*....phonon super-radiance provides a natural means of explaining the macroscopic quantum effects....a coherent oscillation amplitude....spontaneous "beating"... at a frequency close to its resonance... will be reflected as sound *emitted* by the ear....microscopic mechanisms in which quantum coherence lives for a time comparable to measurement time, on the order of one millisecond. It is this results which completes the evidence in favor of Schroedinger's view of life as a macroscopic quantum phenomenon. There is simply no way to understand the sub-angstrom displacements in the inner ear without postulating a molecular mechanism in which quantum coherence is manifest on macroscopic scales of time and distance."

Quantum Effects in the Dynamics of Biological Systems, 1983, Lawrence Berkeley National Laboratory, William Bialek (currently Princeton Professor)



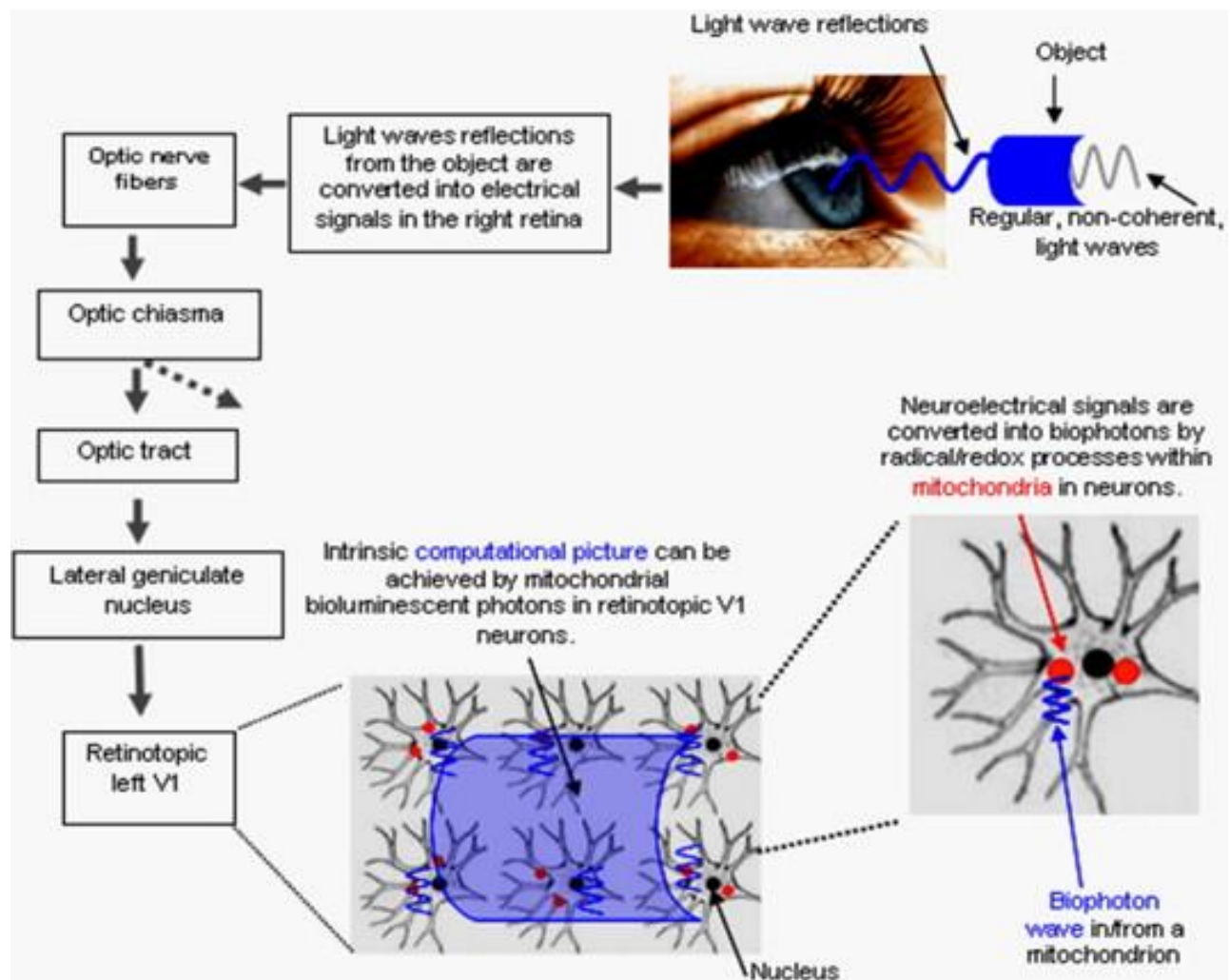
Nobel Physicist Gerard 't Hooft - we live within 5D virtual micro black holes with quantum entanglement of past and future

"The truth is that we don't know what would happen when those black holes evaporating reach the Planck scale, they could very well stabilize into some kind of hybrid object. There could be some kind of balancing of the pressure as it loses mass. As a particle loses its mass it will have a quantum tendency to increase its

wavelength, on the other hand it will have a gravitational tendency to increase and those two could balance each other....zero-dimensional noncommutative extension of spacetime could explain this....Photons do not experience time."

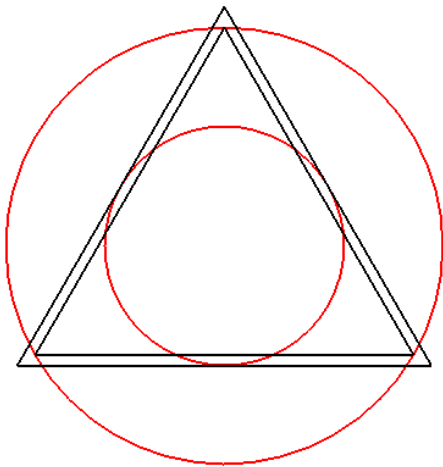
[Shahn Majid, Noncommutative Geometry Quantum Physics Professor.](#)

And so the ancients knew this secret directly – as the "three gunas" – the oldest philosophy of India is actually from the Octave (sattva), Perfect Fifth (rajas) and Perfect Fourth (tamas). This is called "three gunas of no guna." When we get dragged down (red-shifted in spirit) to the Perfect Fourth as symmetric visual form – the beauty of Maya of the female matter – we wrongly perceive this as a "contained" infinity when the truth is that reality as arithmetic number is inherently infinity that cannot be contained, as complementary opposites or male and female number.



Blue light phase shift from meditation - listening to nonwestern natural harmonics as infinite energy

Kepler, for this reason, was against the "closed form" of the Golden Ratio, a solution that relies on reversing the geometric noncommutative harmonics – such that A is to B as B is to A plus B is changed to A is to B as B is to A minus B for the closed form Golden Ratio solution. In fact, as Kepler knew, the Fibonacci number series is an infinite arithmetic process with the equilateral triangle inverting as complementary opposites – as the secret of the circle energy.



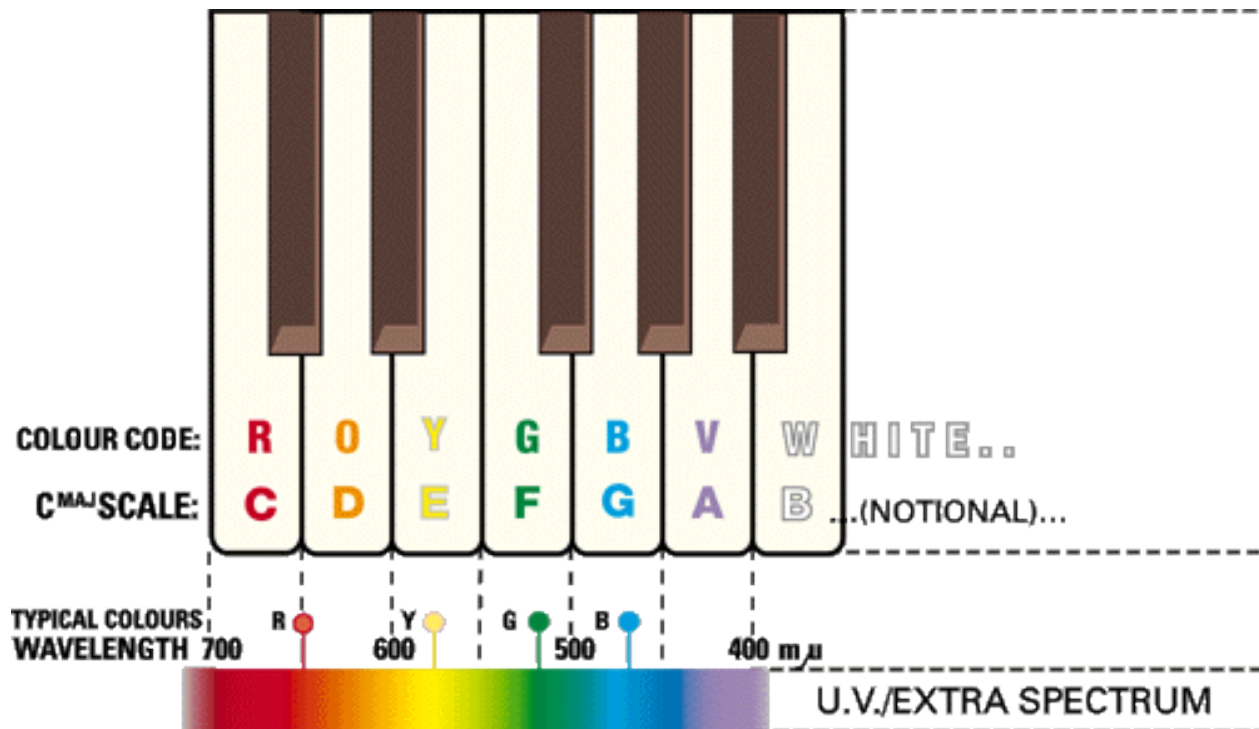
Kepler's Pythagorean Harmonics of 5/2 Saturn-Jupiter resonance is noncommutative inversion (5/4) as cube root of 2 or formless harmonics resonating into 4D spacetime (bifocal vision for life on Earth).

This is why his Rosicrucian symbol of alchemy is a circle with a triangle circumscribing and a triangle contained within the circle as the inverse. India had the same secret as the mandala of Shiva and Shakti with, as Stephen Hawking points out "sacred geometry" that cannot be contained as a visual infinity of matter, but rather transcends into the ether as sound, the original space that is formless but can still be listened to.

And so in China the Tai Chi has the same mysterious origin from music theory with the Octave as the Emptiness, the Perfect Fifth as Yang and the Perfect Fourth as yin. So then the alchemical process is to transform the yin of matter back to the source of its true reflection as the Emptiness and this is done by "turning the light around" – the Single Perfect Yang is literally the Perfect Fifth as the number 3, that is turned back into the source of time, as the Emptiness or Absolute Void that radiates spirit healing energy from non-locality, the 5th dimension that is heard in silence, by eternal listening.



And so with Blues music, the major third in Western tuning, as the logarithmic or symmetric math of the cube root of two, is "bent" back to its natural harmonics of 5/4 from the natural overtone series since the Harmonic Series diverges and so is the "the invention of the Devil" as one mathematician called it – it is an infinity that cannot be contained through visual measurement.



Newton's Pythagorean Harmonics for Color have Quantum Undertone

noncommutative phase of Perfect Fifth/Perfect Fourth as infinite time-frequency energy transduction aka alchemy

So then in Blues Music it is acknowledged that the Perfect Fifth and Perfect Fourth are never resolved into the Octave, just as in traditional Chinese music the Octave is not even properly doubled, with the pentatonic scale based on the Perfect Fifths.

"Would such perceptual levels of a blue note continuum correspond to a homology of spatiotemporal dimensions....Do such temporal twangs exhibit any of the Doppler shifting properties....Would such a homology of dimensions parallel the unity described in my meditation on spatial snaps and asynchronies?... The asynchronous execution of blue notes...."

Snap, Twang, and Blue Note: A Cross-Cultural Examination of Features that Accompany Temporal Deviations in African-American Musics

Daniel Mayer Oore, Ph.D. Thesis, 2017

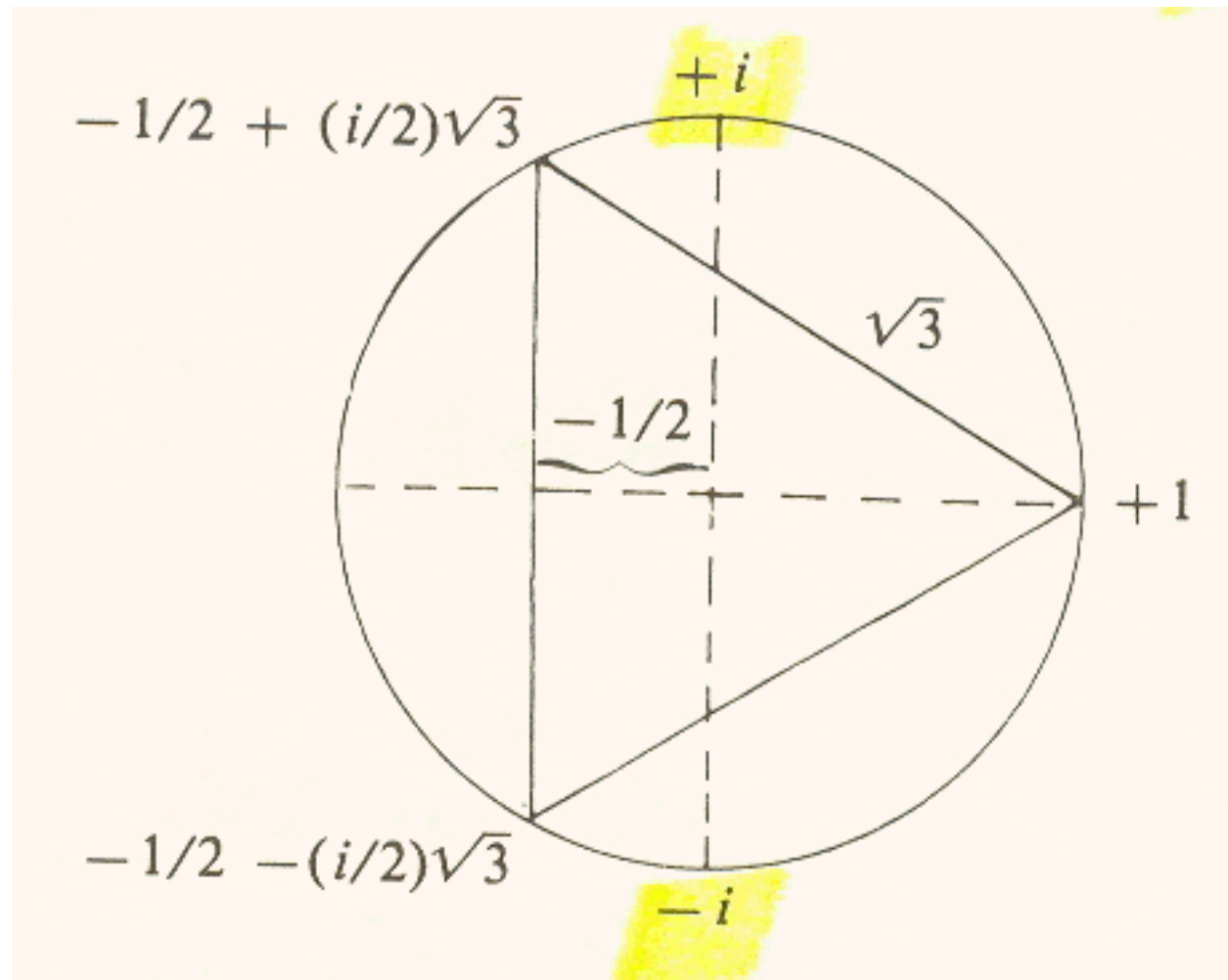
It is understood that the "infinite spiral of Perfect Fifths" as the Single Perfect Yang energy or "yuan qi" original energy of the Universe is non-local, Just as Pythagoras said "one is not a number" and instead we have infinite creation of energy and matter from the inherent "not-two" source of reality (the literal translation of "nondualism.")



ORCH or Orchestrated Objective Reduction as nonlocal noncommutative protoconsciousness quantum phase origin of 4D spacetime

So then "not-two" means that the perceived pitch of the Octave as the same geometry of C, from the root tonic of C is actually not accurate. Math professor Alain Connes (winner of the Fields Medal) has stated that because two doesn't go

into three, then the equation (2, 3, infinity) means music theory is a "universal scaling system" that unifies quantum physics and relativity.



As Arthur Young realized it is asymmetric time that causes 4D spacetime to emerge from a 2D quantum entanglement time-frequency harmonic or inherent noncommutative quantum phase as the 5th dimension: [Finding the roots of unity becomes simply a matter of inscribing polygons within the unit circle: a triangle for cube roots](#)

As Connes states, amazingly the source of reality is based on pure frequency-time as a triplet measurement of the 5th dimension and so from this, our brain, does a conversion back into 4D spacetime geometry. Similarly Andrei Linde, a quantum cosmology professor, states that if the Universe can go faster than time-frequency uncertainty, this explains how matter is created from zero energy and

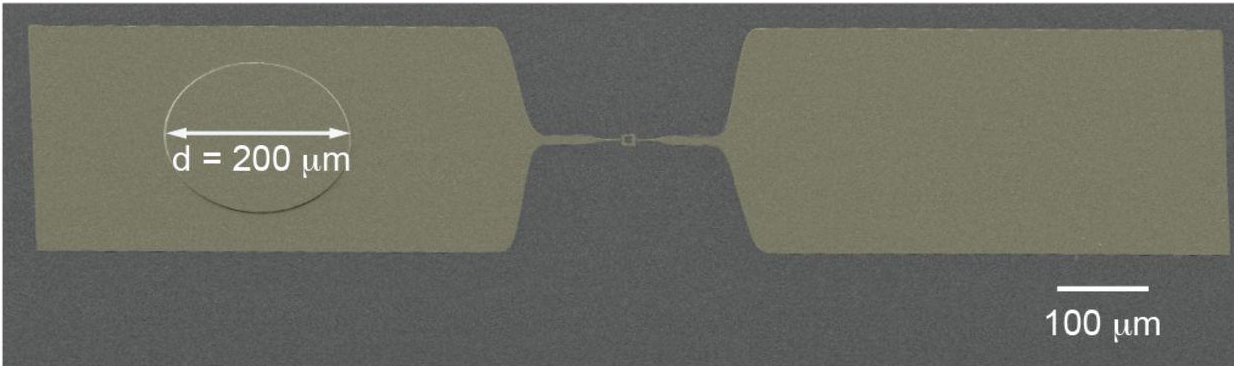
zero spacetime – as a noncommutative scalar phase-shift. Just as we can listen faster than Fourier Uncertainty, so too does the Universe create the Big Bang from a synchronized quantum phase coherence that is non-local and noncommutative. This "asymmetric time" as "negative frequency" (from the future!) then created the Big Bang, as Sir Roger Penrose points out - as protoconsciousness or quantum noncommutative phase.

Positive momentum negative frequencies so has to be in one form as noncommutative phase of anti-particles entangled with particles

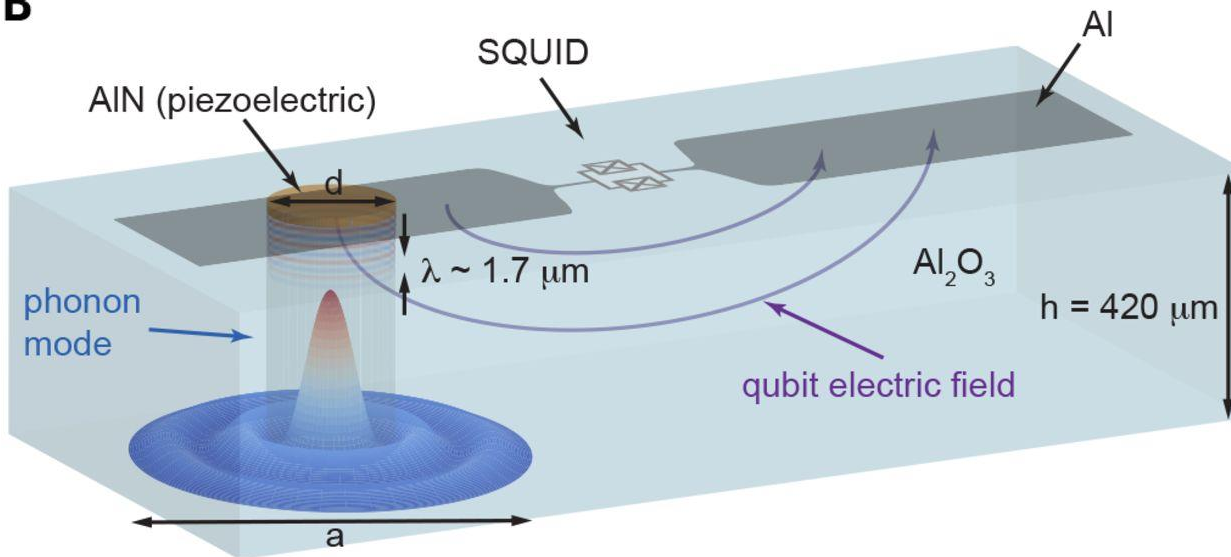
So as Alain Connes points out quantum geometry then finally resolves the paradox of incommensurability in mathematics since both the continuum of symmetric logarithmic mathematics, irrational magnitude, and the discrete numbers of arithmetic, are contained within the noncommutative quantum phase that has a geometric dimension of zero and is time-like. Astrophysics professor Paul S. Wesson states this means reality is a 5D black hole and that this is

explained by Louis de Broglie's Law of Phase Harmony and it also, Wesson stated, explains spiritual phenomenon.

A



B

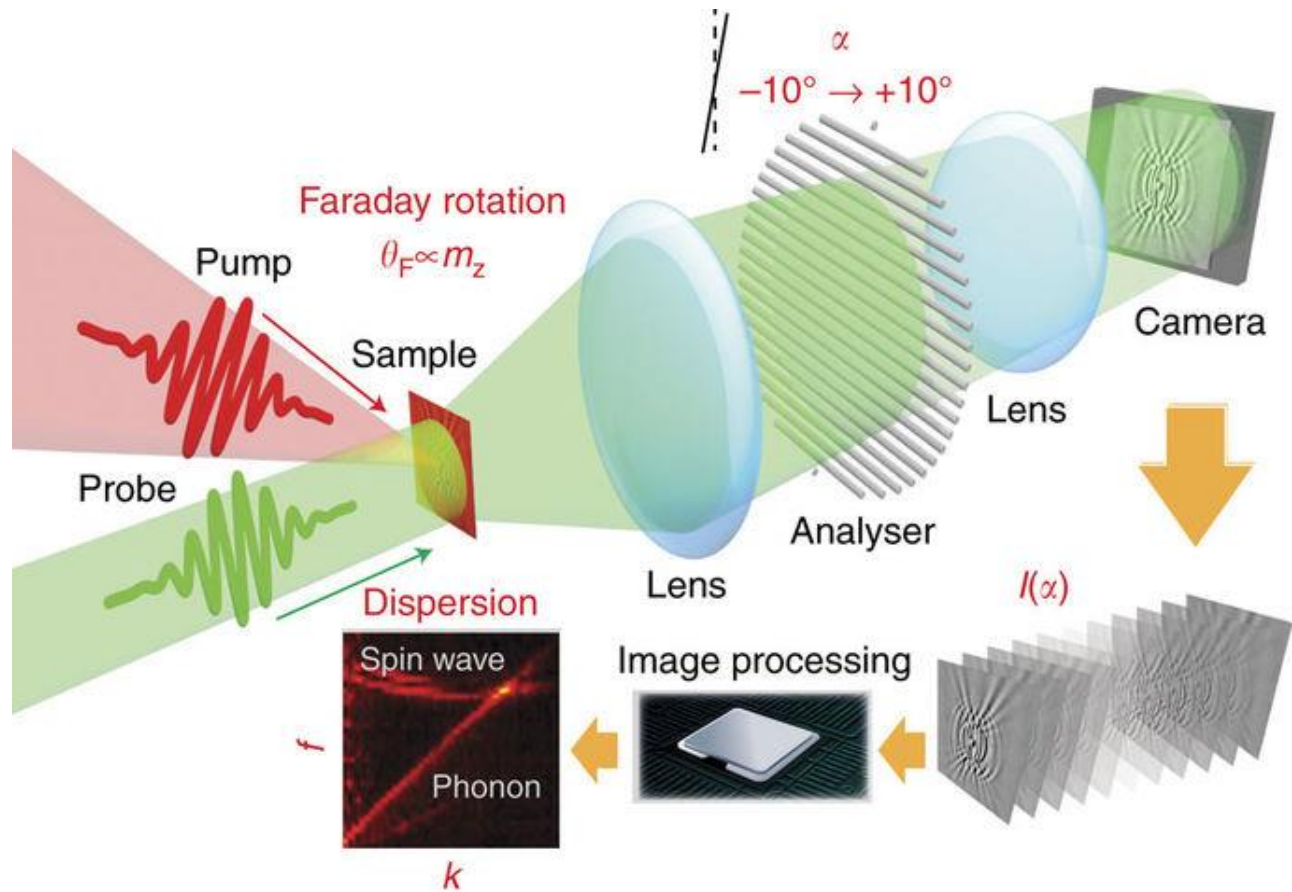


Since Microtubules are Metamaterials through piezoelectric ultrasound a dielectric spacetime density enables quantum noncommutative phase coherence to capture virtual phonon energy and store it - from the future - holographic information, just as a squid Josephson Junction does. Spin-electron acoustic waves give the explanation for the high-temperature superconductivity

A single photon has such little momentum transfer so then it is amplified through a mirror feedback at the same frequency. Since sound waves are just 1 dimension, so this makes the transduction easier. The entanglement through beam splitting of the mechanical resonator enables frequency transduction while maintaining phase coherence.

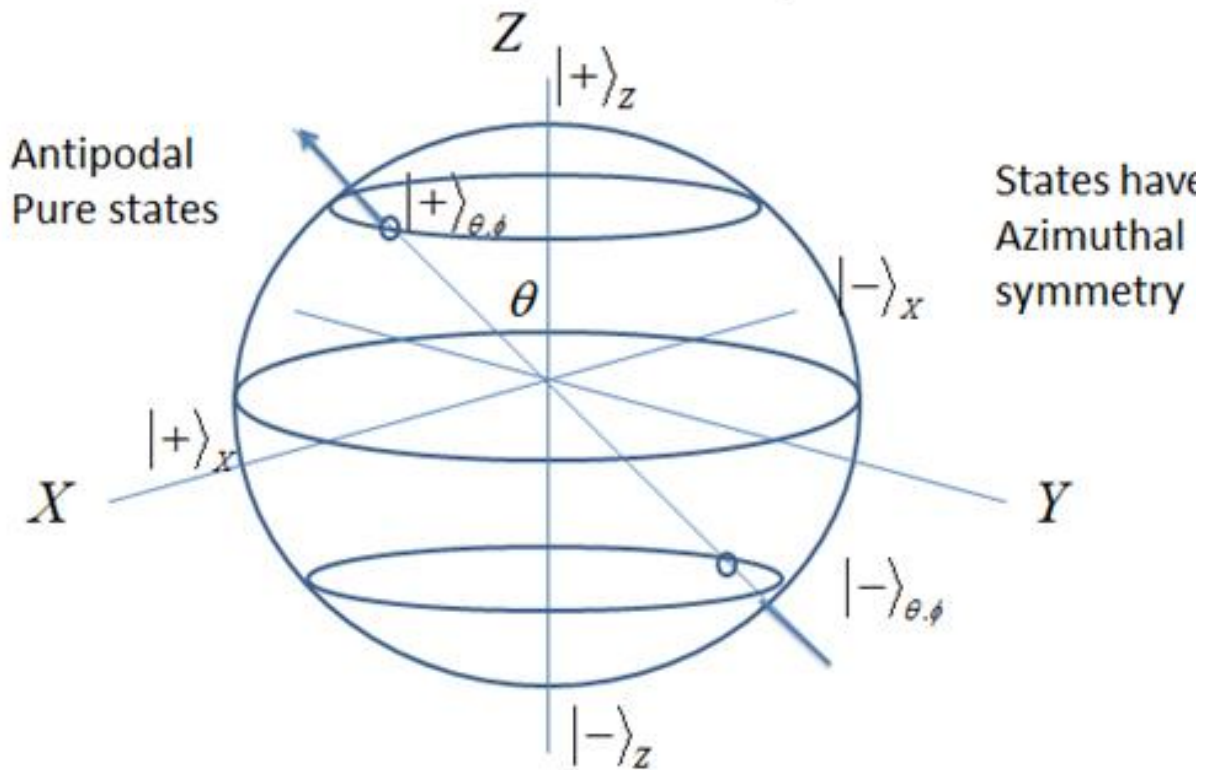
Total Reflection can approach Unity if Pitch is Half the Wavelength [octave], close to the qubit transition frequency [noncommutative phase]

The researchers note that the high-frequency piezo-electromechanical device [microtubules] is compatible with superconducting qubits—the unit of information analogous to digital bits in conventional computing. ... "We found that even a single quantum particle of sound, or a phonon, can live for a very long time when it bounces back and forth between these mirrors," Chu explained.



To quote a quantum physicist who is also an evangelical preacher-healer, speaking in tongues: "It is important to note...pump amplitude is a complex number containing the relative phase of the pump field....The sign of the coupling constant for retrieval must be the opposite of the sign for storage in order to cancel the phase accumulation during the pulses....The [time-frequency] pulse swaps the state halfway so that they become maximally entangled....oscillates around the horizontal plane of the Bloch sphere."

Bloch Sphere spin $\frac{1}{2}$



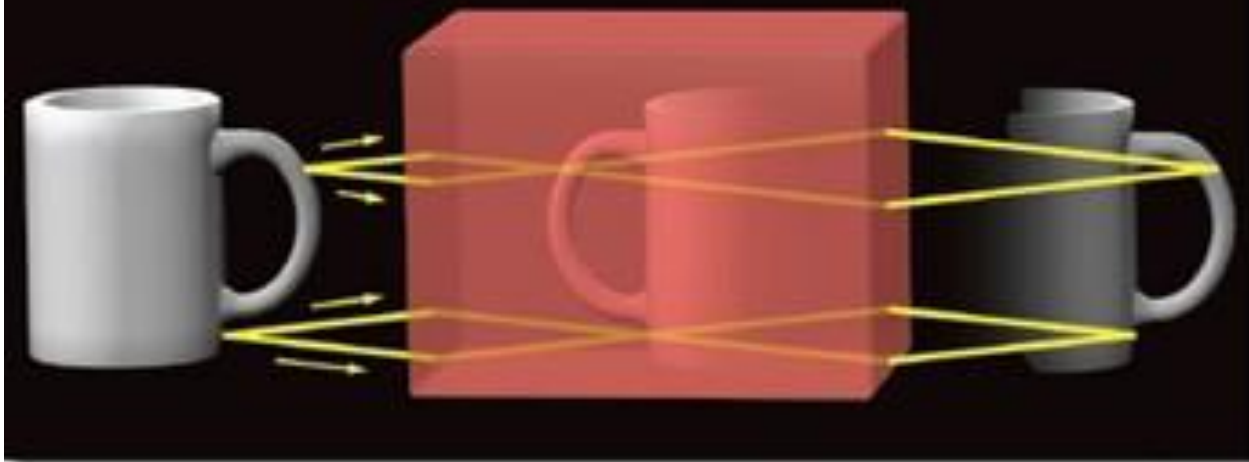
Swapping at the half way point of spin $1/2$ means the 5th dimension that can not be visualized but is quantum entangled as noncommutative phase

And so when Planck devised his constant of "action" he was actually inspired by his recent experiments with equal-tempered music tuning, as Peter Pesic points out:

"In the sense the analogy is quite exact between [equal-tempered] harmonium and black body....energy corresponds to pitch with Planck's constant h as the conversion factor." And so what Dr. Juliana Mortenson emphasizes is that Planck converted "cycles per second" into just "seconds" as density. And so Planck's Constant is actually the mean average energy of light frequency divided by cycles per second. By Planck relying on an "equal-tempered" constant, inspired by the wrong music theory, he covered up the non-commutative time-frequency phase that guides the light, as noncommutative spacetime, the relativistic mass or hidden resonance momentum of light.

THE SUPERLENS

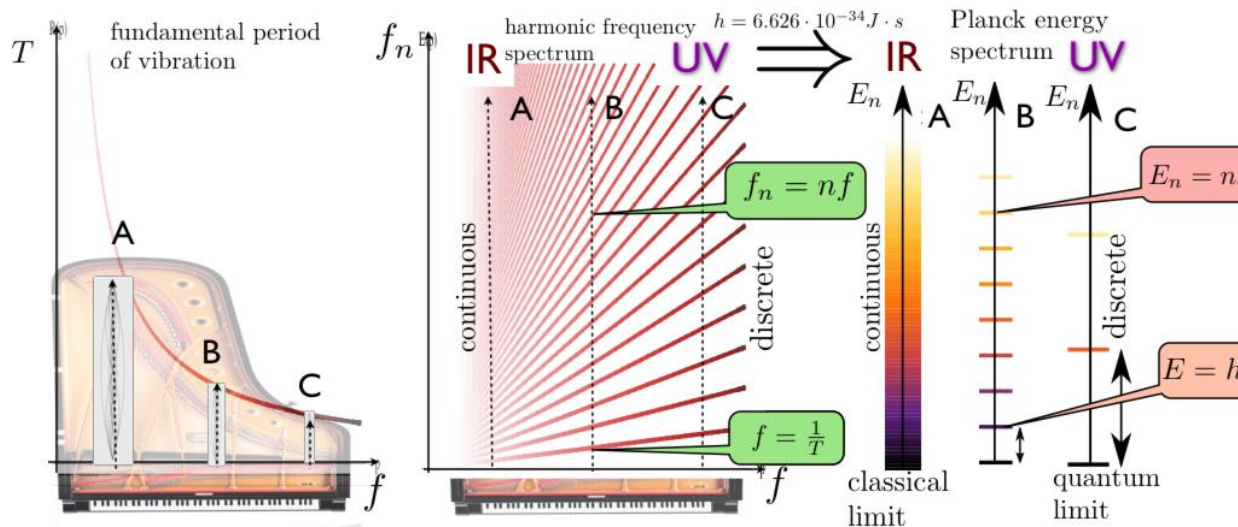
A rectangular slab of negative-index material forms a superlens. Light (yellow lines) from an object (at left) is refracted at the surface of the lens and comes together again to form a reversed image inside the slab. The light is refracted again on leaving the slab, producing a second image (at right). For some metamaterials, the image even includes details finer than the wavelength of light used, which is impossible with positive-index lenses.



Microtubules as Metamaterials harvest virtual photons from the 5th dimension as **asymmetric geometric bluntness:**
the beam travels a further distance in a shorter amount of time,

It is contended further that a photon energy-frequency relation of half that currently accepted is consistent with the quantization of energy of the standing waves mode of a cavity oscillator, as assumed by Planck in his successful theory of the blackbody spectrum....Rather since a standing wave can be regarded as a superposition of two oppositely-traveling waves of equal amplitude, the expected number of photons is twice the number of energy multiples of $h\nu$based on the relativistic Doppler effect. [noncommutative phase as scalar]...a trajectory that reverses in ordinary time may be interpreted as giving rise to pair creation and destruction events.

[David C. Lush Composite Photon Energy-Frequency Relation based on de Broglie's Law of Phase Harmony](#)



Planck's Constant is simply a conversion of noncommutative time-frequency into an "equal-tempered" average of light energy.: Donatello Dolce, Ph.D.

As Peter Pesic quotes Schrödinger, analyzing de Broglie's discover of momentum as directly proportional to energy frequency and inverse to wavelength, that the emitted light at the quantum jump transition of electrons, is actually a "beat frequency" as a "deep 'difference' tone" [undertone or subharmonic].

"One only needs to imagine that the light wave is causally related to the *beats* which necessarily arise at each point in space during the transition, and that the frequency of light is defined by the number of times per second the intensity maximum of the beat-process repeats itself."

The light emitted is then actually the inverse of the speed of light squared, as per the de Broglie-Einstein equation. The observer sees the light emitted by the particle, as the relativistic inverse proportion or "beat" harmonic that is noncommutative phase of the guiding wave itself that is superluminal.

de Broglie had explained the origin of "no beats" from the guiding wave itself as inverse proportional to the momentum of the matter wave but because Schroedinger sacrificed the relativistic quantum analysis, only clinging to his "overtone harmonics" to explain multiple particles, then the true meaning of Planck's constant and the quantum jump was lost. Professor Yusuf Ziya Umul at Cankaya University, Ankara Turkey explains:

It is mentioned and proved that the de Broglie-Einstein velocity equation is universal and is valid for the non-relativistic cases since it does not depend on the relativistic case. It must also be put forward that this equation is obtained from the fundamental equations of the quantum theory and special theory of

relativity....It is important to note that this result also affects the correctness of the differential equations of the quantum theory like the Schroedinger equation....The electrical scalar potential satisfies the Helmholtz equation for time-harmonic waves and Aharonov-Bohm showed that the electromagnetic potentials [nonlocal 5D] have physical reality. For these reasons, the scalar potential represents scalar wave propagation in space....The frequency shift of a photon creates an electron.

Another way to understand this - as Schroedinger and Planck were both referring to Helmholtz - is to reference my own master's thesis. As Helmholtz points out, for the Octave, and Perfect Fifth, there are no beats. Sir James Jeans "Science and Music" book quotes Helmholtz.

Jeans writes, "on this theory [Helmholtz theory of beats] the octave becomes the most perfect of all concords, since none of the harmonics can possibly beat worse than when one note is sounded alone." He adds "the unpleasantness [beats] remains until the octave of frequency...is reached, at which point [the beats] suddenly disappears."(33)

This is called the "paradox of the poles" such that one note reaches an inversion of beats as noncommutative time-frequency phase, so that the octave has no beats. Helmholtz, as Peter Pesic notes, was considering time as an independent operator, in terms of relativity and sound perception. Light, similarly, has a negative frequency but positive momentum - or reverse time (negative refractive singularity), positive momentum energy as de Broglie discovered.

To quote Chinese Language and Philosophy Professor Emeritus Patrick Edwin Moran:

Humans cannot see photons. Photons only "show up" when they hit an atom, cause an electron to jump to a higher orbit, and cease to exist in the process. But in between these two points the photon is completely out of touch with the Universe. In Daoist terms, humans can make relatively successful "names" pertinent to whatever gets going in the laser, and they can make relatively successful "names" pertinent to the trace of the dying photon on the detection screen. But in between there is only the hidden, the "inside," the "embryonic," the "dark," and the "mysterious."

Quantum physicist Jean Charon understood this noncommutative time-frequency secret. Frequency is to Time as Momentum is to Wavelength because it is

noncommutative.

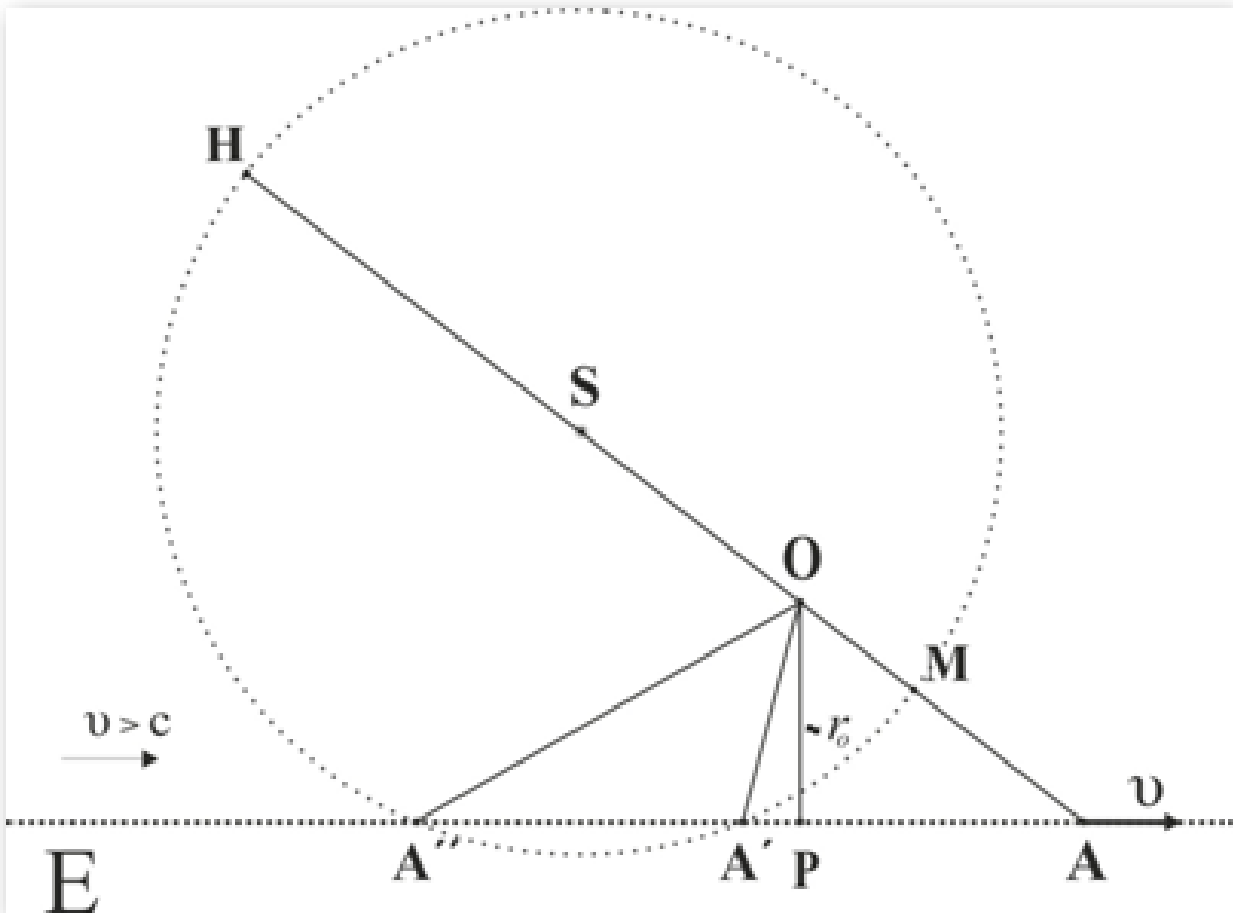
So as the particle moves the internal frequency goes down while internal time (relativity) goes up (slows down) and then the particle's guiding wave momentum goes up (frequency goes up past the speed of light) while the wavelength goes down.

It is the Pythagorean natural tuning that is the spin 1/2 secret - not the Planck Constant "equal-tempered" tuning of light. And so Professor Steven M. Taylor (who was illegally assaulted by the cops and fired from his college - just because the administrators are fascists!) derives that the kinetic mass-energy exists *prior to* or from the future of the change in relative frequency of the light!

relativistic effects of motion affect both the wave and mass-energy aspects of light without paradox. [pdf](#)

Berendt refers to physicist Jean E. Charon, "Each particle...has its own spin, and all these spins vibrate together in the whole-number proportions of the overtone scale. This then is the prime model of mind and spirit." *The World Is Sound*, p. 125, citing Jean E. Charon: *L'Esprit, cet inconnu* (Paris: A. Michael, 1977).

"Both the electron and the black hole [i.e. extremely dense matter with zero beats] are characterized by totally curved space and by curved time. This means that the time of electrons and of black holes is opposite to our 'material' time, which moves on a straight line from past to present to future. This, in turn, may imply that if entropy grows in the 'material' world, then in the world of electrons (and black holes) precisely the opposite force might grow, the force of negentropy." Jean Charon, Ph.D.




[Kinematic momentum is from projective geometry harmonics of the 5th dimension that can not be visualized.](#)

Here we have forfeited symmetry. We have however discovered something else: **Harmony**....I don't believe that Nature is governed by symmetry but rather by Harmony and Harmony is certainly not synonymous with symmetry....In Projective Space you can go from A to B, not in one, but in **two** ways....the reverse one...via the plane at infinity. Light would precisely follow this reverse path, if we were to move at speeds greater than its own, so that it would always stay "ahead" of us....meaning we "will capture" light coming from spaces we have not yet reached.... http://www.dgraftopoulos.eu/My_Work.html

Dionysios G Raftopoulos

Thus, in this section of the material's point path, **Gravity is repulsive**....The fact that speed is a quantum concept, lends in turn a "quantum undertone" to the gravity concept of force...to which it appears inversely proportional....Hence there

exists a fundamental texture difference between the closed surface of the sphere and that of the Projective Plane....the Projective Plane is a non-orientable surface....a very good visual representation of a unilateral [non-orientable] surface is provided by the well-known "Moebius Strip."

VID **NIBB** 

INSTITUTE OF HEARTMATH™
Connecting Hearts and Minds

DNA and Cell Reprogramming via Epigenetic Information Delivered by Magnetic Fields, Sound Vibrations, and Coherent Water

Carlo Ventura, MD, Ph.D.
*Full Professor of Molecular Biology
University of Bologna, Italy*

VID (Visual Institute of Developmental Sciences)
Laboratory of Molecular Biology and Stem Cell Engineering, NIBB , Bologna, Italy
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©2013 Visual Institute of Developmental Science DNA and Cell Reprogramming via Epigenetic Information

"Also, it is interesting to note that parallels have been drawn between traditional Chinese medicine (TCM) and sonocytology, with the suggestion that nanotechnology may shed light upon the acupuncture meridian system and contribute to the modernization of TCM techniques, including those that traditionally use musical tones for preventive treatment of disease.²⁰⁴ Cumulatively, the results found using AFM techniques support the hypothesis that cell decisions are not restricted to biochemical effectors, but can be orchestrated through nanomechanical regulators, and exposure to specific acoustic-range vibrational modes or "music" may represent a worthy field of investigation for "informative reprogramming" of cellular behavior. If such nanomechanical bioinformation can be identified, then nanomechanical/EMF patterns orchestrating stem cell commitment and differentiation might be retained and

stored as an informative “nanomechanical signature” of the “sounds” or “music” emitted and functionally received by cells and organs. Such sounds might communicate the informational memory of the biofield and be used to enhance regulation of a variety of processes including differentiation, stem cell reprogramming, and the maintenance and manipulation of homeostasis.”

[Bioinformation: Harmonics and healing](#)

"For example, We have shown that human adult stem cells and human somatic (non-stem) cells can be reprogrammed back to an embryonic-like state with electromagnetic fields and sound vibrations." <http://vidartscience.org/vibrational-and-regenerative-medicine/>

The melodies entailed within the sound of a heartbeat, or the vibrations within the Actor’s words will talk to human stem cells on the stage, to reprogram them to an Ancient ancestral state, like the embryonic one when they were capable of doing everything, disclosing a portal to the Future of Art and human wellbeing." [Our cells generate a seeming infinity of vibrations and sounds that tell of their healthy or diseased state.](#)

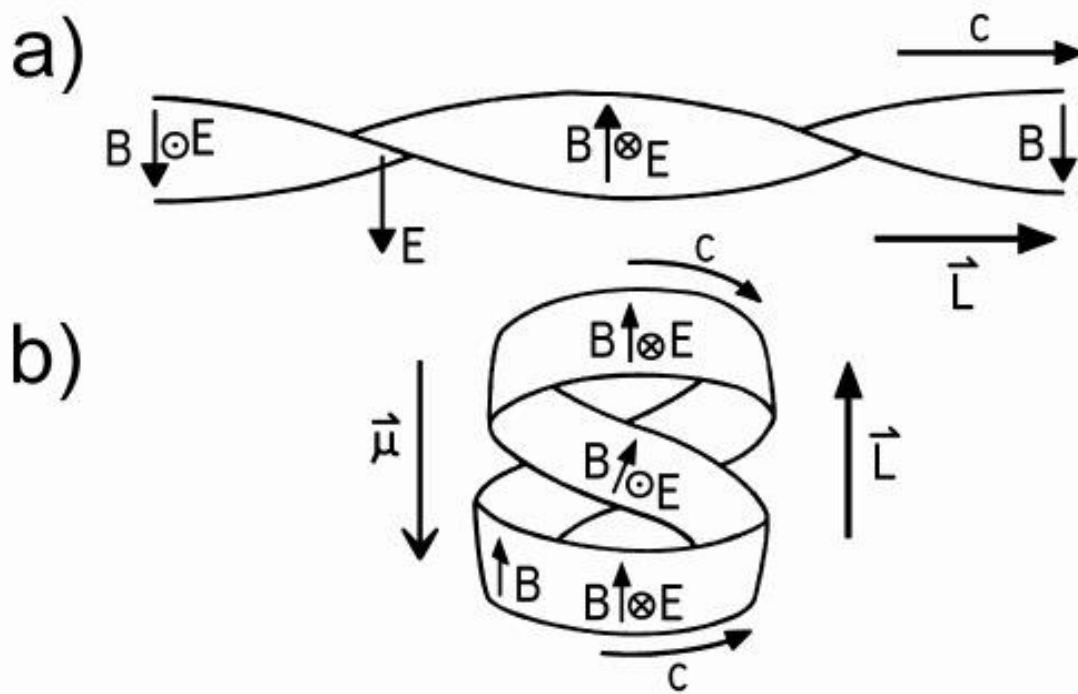


Figure 1: a) Twisted strip model for one wavelength of a photon with circular polarisation in flat space. The \vec{B} -field is in the plane of the strip and the \vec{E} -field is perpendicular to it. b) A similar photon in a closed path in curved space with periodic boundary conditions of length λ_C . The \vec{E} -field vector is radial and directed inwards, and the \vec{B} -field is vertical. The magnetic moment $\vec{\mu}$, angular momentum \vec{L} , and direction of propagation with velocity c are also indicated.

And so there is still one last mystery we need to solve. I cited how the phonon transduction as quantum entanglement is one dimension - and so this is the secret of how the "collapse" can be withheld, so that spin 1/2 phase coherence resonates to room-temperature macroquantum coherence negentropic force (the alchemical secret of N/om, kundalini, qi or prana).

www.dejanrakovicfund.org/

of Fig. 1, with potentially unlimited number of *phonons* in every single- *phonon* state. This energy hypersurface of multi-*phonon* quantum state might also include low-energy long-range coherent microwave Frohlich excitations (*created as a*

result of interaction of electronic and phonon isomeric subsystems – of particular significance in microwave resonance therapy (MRT) of a *dynamic* modification of the EM multi-*phonon* (and related many-electron) *acupuncture* ..

According to their results, the autolocalization of a quasiparticle (electron, exciton, vibron) in the presence of a weak interaction with phonons represents theoretical

framework to describe solitons. If the energy of quasiparticle is fairly higher than the characteristic energy of the phonon subsystem (condition of adiabaticity), then under weak coupling with phonons the appearance of solitons in Q1D systems is possible.

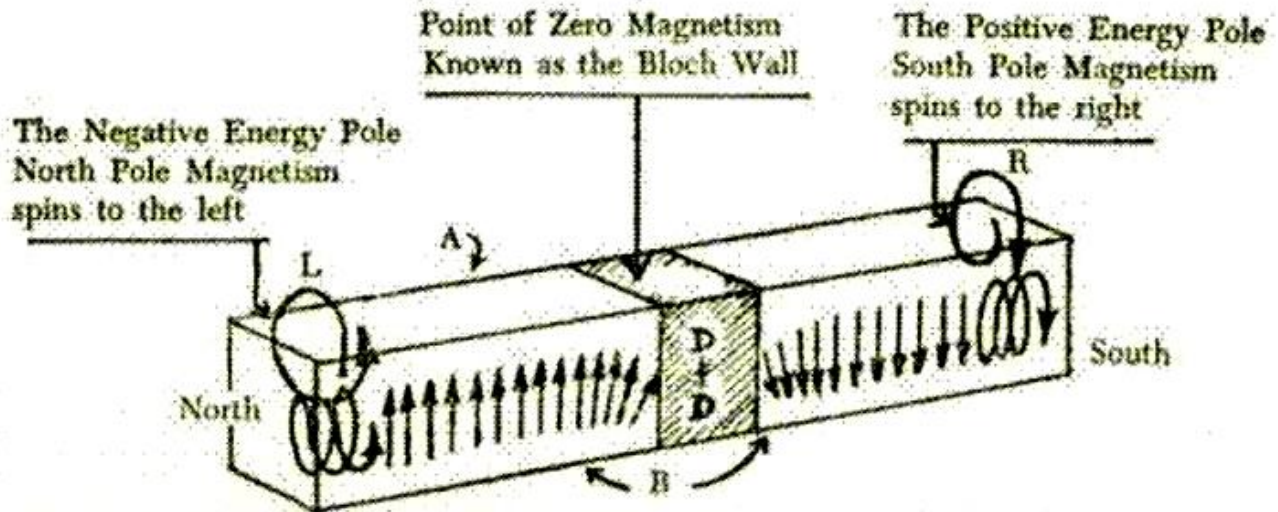
A Kink-Soliton Model of Charge Transport through Microtubular Cytoskeleton (PDF Download Available).

But the secret is we can not visualize these phonons, only logically infer them, because listening is nonlinear and faster than time-frequency uncertainty. And so this is then paradoxically described by Nobel physicist Gerard 't Hooft as the 5D black hole collapsing into two dimensions as the quantum entanglement source of reality (whereby noncommutative quantum phase and noncommutative spacetime converge as twice the speed of the de Broglie Zitterbewegung of Compton scattering).

...the energy-momentum flux will be larger in the blue shifted part than in the red shifted part....In a moving frame, they diverge: the mean internal frequency of the photon will increase; simultaneously the orbital frequency of the photon will decrease due to the relativistic law of the slowing down of clocks. Despite the difference in frequency, at any point in space-time these two oscillations must be in phase....This provides a possible physical origin for the postulated law of the "harmony of the phases" first proposed by de Broglie, which lies at the origin of quantum mechanics. ...In a head-on collision between two photons, the interaction will be essentially between the blue-shifted regions which are converging....This state may then decay back into two photons or into an electron-positron pair.

Is the electron a photon with toroidal topology? J.G. Williamson and M.B. van der Mark, 1997

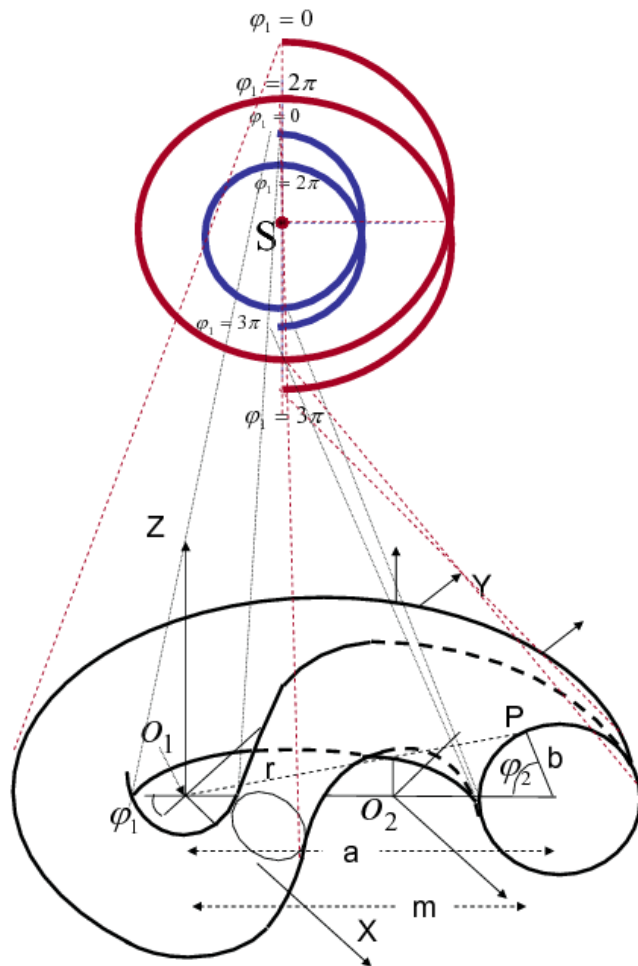
The drawing shows a bar magnet having the conventional two poles. In the direct center of the magnet is the Bloch Wall, or the point of division of the circling vortex (spin) of electronic magnetic energies. The small arrows shown on the bar magnet indicate the direction of the spin of each pole's energies. The center of the magnet shows the phase change of the spins.



The north pole or negative spin is counterclockwise, or to the left. The south pole or positive spin is clockwise, or to the right. With the use of a straight bar or cylinder magnet we may then have access to the two separate forms of energy for our application of just that energy form and/or type. The illustration and discussion on this page is an outline of our initial 1936 discovery.

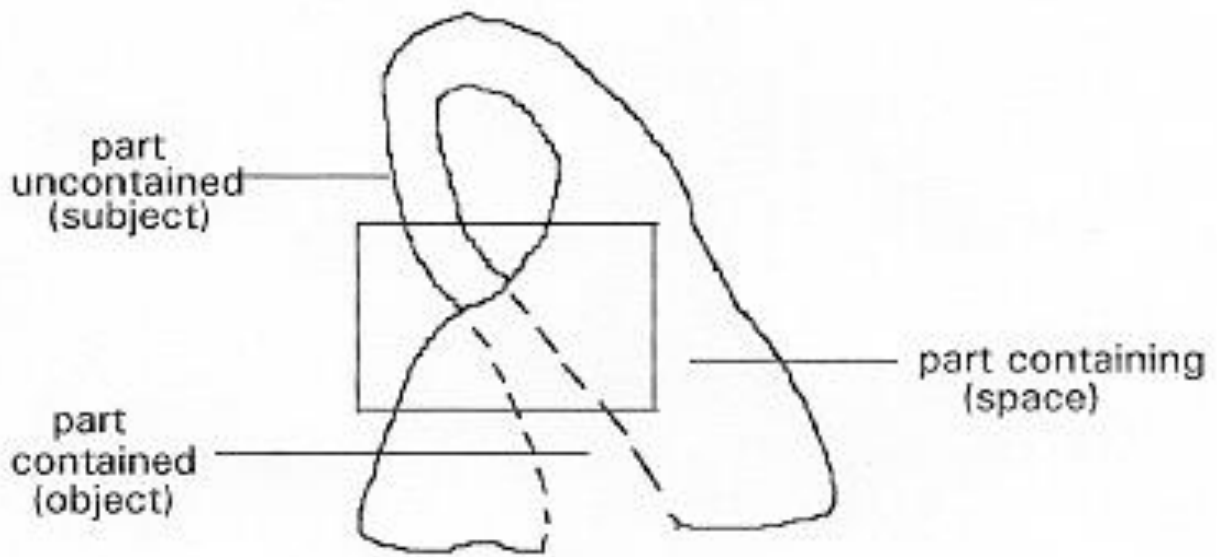
So in my master's thesis I was building on my 1996 manifesto, the first version of this research, wherein I cited John Keely's work based on the Bloch Wall - noncommutative phase secret of electromagnetic charge. Only in quantum physics this is the Bloch Sphere such that there is an "infinite plane" of noncommutative phase in the "imaginary" dimension as quantum nonlocality. As one scientist admitted to me, no one can know the original quantum phase of the Universe.

And so it is the point of twisting that is the one dimension that can not be seen - as noncommutative phase - or what qigong master Jim Nance along with the Ch'an Masters call the "point of origination."



To see a single point of light is to embody the 5th dimension Ether-black hole/white hole as a Klein Bottle - that blue shifts the light - sitting in full lotus is the Klein Bottle as alchemical pyramid power.

In 4D spacetime this is the 5th dimension as the Klein Bottle, as Daoist quantum psychologist Dr. Steven M. Rosen emphasizes:



When the light as spiritual ego is "turned around" to zero time then reverse time relativistic mass-energy or superluminal momentum is entrained - "ether entrainment."

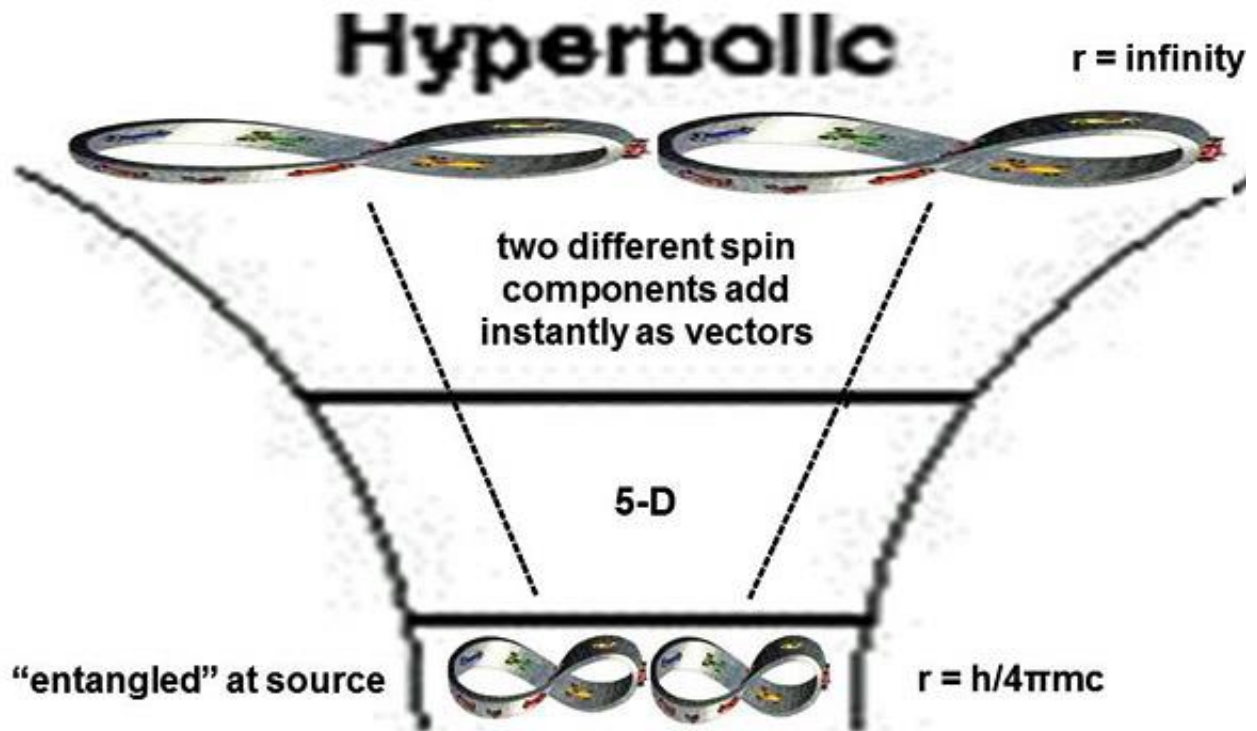
This is also the secret of the Lower Tan T'ien or small intestines as the 2nd brain storage of the captured or gathered virtual photon energy.



The real "pyramid power" is like the full lotus yoga position, the highest secret of French Freemasonry, as professor Hugh B. Urban revealed. Professor Hugh B.

Urban, "Elitism and esotericism: Strategies of secrecy and power in South Indian Tantra and French Freemasonry," *Numen-International Review for the History of Religions* 44 (1): 1-38, 1997). The All Seeing Eye of the Pythagorean Tetrad can't be visualized since "one" is not a number – that is the secret of the Nine of the Stargate Conspiracy, the ancient Ennead that controls the world.

We see similar phenomena when two different atoms in a crystal diffract x-rays, or when an electron passes through two slits. Here such "vectors" lie **far apart in 3-D space**. How can those diffraction or spin vectors add almost instantly, if no light passes between them? Could they be connected in hyperbolic 5-D space?



Listening is faster than Fourier Uncertainty so resonates with noncommutative phase as 5D origin of reality, quantum entanglement of spin 1/2

[See part One for further details: The Subtle Unmanifest Form of Blues Music is the Ether as the three gunas Harmonized into Blue Light](#)

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The Blue Light of Blues Music: Quantum Biology, Meditation and Metaphysics

[The Blue Light of Blues Music: Quantum Biology, Meditation and Metaphysics](#)

Lots of images! Blogbook -



Esther Watson Tipple writes to Einstein on Pythagorean harmonics and Cosmic Nature

[Dear Dr. Einstein](#)

December 11, 1947

This discovery is that the seven-tone scale is a mathematical entity embodying the two principles of arithmetic progression of harmonics and of geometric progression of the 2:3 series (Pythagorean progression of fifths), also we find a third, synthesizing, principle: a combination tone phenomenon which locates the keynote of the seven-tone tonality from those tones in the diatonic scale which are not overtones of the tonic or keynote. The production of the keynote by this phenomenon of second-order combination tones [the 4th and the 6th] locates, as well, the key-note of Mr. Austin's nine-tone scale....

The importance of this harmonic-union production of the keynote of the seven-tone scale seems to me as important as the relation of the negative to the positive, of intake to outtake, of inspiration to expression, of Yin to Yang in Chinese symbology, or even of prayer to action. The discovery of this relation of the undertone to the overtones has, I believe, definite bearing on the question of the

cosmic nature of the diatonic scale.



The Strong Misanthropic Principle

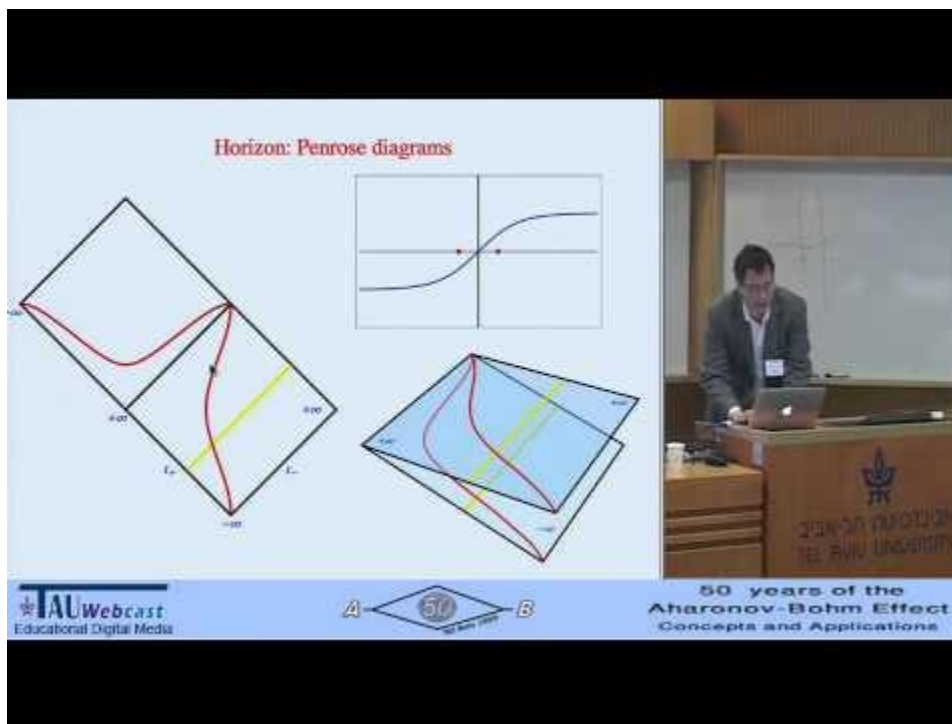
As proved by Hawking, had the Universe's entropy increased been reversed, this reversal would be impossible to observe. This is because time orientation of all biological processes (as we show elsewhere in detail) relies solely on entropy's increase.

Avshalom C. Elitzur, Shahar Dolev

Black-Hole Uncertainty Entails An Intrinsic Time Arrow, Dec. 2000



Ulf Leonhardt on Aharonov-Bohm Effect and Hawking Radiation



ingoing and outgoing waves: Positive momentum negative frequencies so has to be in one form as noncommutative phase of anti-particles entangled with particles



Zero Sound: Can you scream in space?

However if certain conditions are fulfilled, such as an effective interaction between quasiparticles which is both short-ranged and repulsive, then there is a massless bosonic excitation in the spectrum as $T \rightarrow 0$. Carrying zero baryon charge, it is a *phonon*, ie. a quantum of collective excitation called *zero sound*. Sound propagation occurs in any elastic medium; zero sound happens when the elasticity originates not from collisions between individual particles, but from the force on a single particle due to its coherent interaction with all others present in the medium....phonons are characteristic of zero sound and should be considered excitations of the degenerate ground state

This well-known phenomenon is variously known as Landau damping, Cerenkov radiation, or most appropriately in the current context, as a sonic boom.

[Zero Lattice Sound pdf](#)

When particles go faster than the speed of light, those around them see a special glow. This is called Cherenkov Radiation. And it's a lot prettier than a sonic boom....As it travels through different media it is refracted and interacts with the various atoms it comes into contact with. The photon is still going at light speed, but its trip through the medium is at slightly lower than light speed.

[Superluminal Zero Sound](#)

in the classical physics of very dense matter, Lorentz invariance imposes no restriction on the speed of sound or on the ratio of pressure to energy density. Indeed, the simplest and most reasonable classical many-particle theory can manifest such apparently noncausal behavior whenever the calculated self-energy of a particle exceeds its observed (renormalized) rest energy. This comes about because ordinary mass renormalization subtracts out part of a particle's self-interaction energy without altering the interaction with other particles that contributes to pressure. Two types of models are exhibited which, at low densities, show normal behavior and, at high densities, become superluminal (speed of sound greater than speed of light in vacuum) and ultrabaric (pressure greater than energy density).



Superluminal Signals with Zero Tunnel Time in Barriers!

Thus the superluminal (FTL) transmission velocity increases with barrier length. This strange behavior is called the Hartman effect, which was confirmed in several experiments....Evanescent optical modes with their imaginary momentum are strange particles....Evanescent and tunneling modes are virtual particles. They are observed in electromagnetic, elastic fields, and they appear also at macroscopic extensions....The tunneling process seems to represent an exception of special theory of relativity.

Gunter Nimtz, et. al., 2015, Zero time tunneling: macroscopic experiments with virtual particles.

...direct sound from a source interferes with a strong reflection from a hard surface....Thus, the superluminal acoustic effect we have described is likely a ubiquitous but imperceptible phenomenon in the everyday world.

2007, "Sound beyond the Speed of Light," WM Robertson, et. al.

When one experimenter, Raymond Chiao, said that it didn't matter if it was superluminal because you could never send a signal this way, only random photons, he was wrong. To demonstrate this graphically, another physicist, Günter Nimtz sent a recording of Mozart's 40th symphony over four times light speed. And for your entertainment you can listen to that superluminal Mozart here. There's a lot of hiss, but it's hard to deny there's a signal. [Superluminal Sound](#)

...superconductivity within one neuron could become phase coherent with that in an adjoining cell by virtue of quantum tunnelling, and this could be stimulated by the macroscopic analog of stimulated emission (alluded to before in connection with the mantra), that is an AC Josephson effect. ...At a more interesting level, the quantum vacuum state may be said to be empty (of excitation) and yet full in the sense of pure potentiality; it contains "virtual" (unphysical) representatives of all possible modes of matter and excitation in the form of vacuum fluctuations or "virtual particles" (zero-point excitations of each field mode, assigned one-half quanta of energy, due directly to the non-commutative property of the field operators).

[Former Hampshire College physicist Lawrence Domash, confirms superluminal quantum sound as noncommutative meditation! 1975, pdf](#)



Jung had his Lower Tan T'ien activated!

A different sign of conflict came when Jung asked Freud what he made of parapsychology. Sigmund was a complete sceptic: occult phenomena were to him a "black tide of mud". But as they were sitting talking, Jung's diaphragm began to feel hot. Suddenly, a bookcase in the room cracked loudly and they both jumped up. "There, that is an example of a so-called catalytic exteriorisation phenomenon," Jung retorted – referring to his theory that the uncanny could be projections of internal strife. "Bosh!" Freud retorted, before Jung predicted that there would be another crack, which there was.

[Jung - Trouble with Freud and the Nazis](#)



Ecological Crisis is from the wrong structural math!

It's cuz we used the wrong music theory! Logarithms are from the first logarithm - "arithmetic mean x harmonic mean = geometric mean squared" = Perfect Fifth plus Perfect Fourth = Octave. This is the wrong math from the wrong music theory! The Perfect Fifth is $G=3$ while $C=1$ but that is just the overtone harmonic while the Perfect Fifth is also $F=3$ while $C=1$ as subharmonic undertone. Natural logarithm: "Thus the total area inside the hyperbola and its asymptotes is infinite, consistent with divergence of the harmonic series."

[Arithmetic, Population and Energy - Albert Bartlett lecture - he gave the same talk over 1000 times!](#)

All males of the original human culture were required to train in "staying power" through trance dance - at puberty the males fast for a month while trance dancing all day - and this activates the N/om kundalini to open up the pineal gland. Modern humans are brain washed as ejaculation addiction. It drives the economy as "commodity fetish." Western math is wrong due to not understanding complementary opposites of harmonics. The first logarithm was Perfect Fifth plus Perfect fourth = Octave from "arithmetic mean x harmonic mean = geometric mean squared." it was the wrong math since Perfect Fifth is noncommutative phase as overtone and undertone at the same time!!

First question to ask is when was the bottle half full? The answer is one minute to 12 cuz they [bacterium] double every minute. If you were a bacterium in that bottle at what time would you first realize that you were running out of space? -

[Physics Professor Albert Bartlett - the 99% are the bacterium.](#) haha.



Noncommutative phase origin of reality

According to Rowlands' the nilpotent duality or a zero totality universe model requires an anti-commutative system that has this property of closure, whereas a commutative system remains open and degenerate to infinity [4]....

Since the quaternion set is isomorphic to the Pauli matrices we believe the Quaternion and Octonion sets are not merely a form of pure mathematics but indicative that the physical geometry of the universe is a fundamental generator of these algebras....

For our purposes we wish to apply this to an extended version of Cramer's Transactional Interpretation (TI) of quantum theory where according to Cramer the present instant of a quantum state is like a standing-wave of the future-past [5].... Nilpotent quantum mechanics is a form of relativistic quantum mechanics/quantum field theory which can be derived from the rewrite system and which minimalizes the whole quantum apparatus to a single operator acting on a universal environment, which is its mirror image.

Exploring Novel Cyclic Extensions of Hamilton's Dual-Quaternion Algebra (PDF Download Available). Available from:

https://www.researchgate.net/publication/321341144_Exploring_Novel_Cyclic_Extensions_of_Hamilton%27s_Dual-Quaternion_Algebra

Quantum holography has now been officially recognized as occurring in the case of "quantum holographic encoding in a two-dimensional electron gas" [4], but the work of Walter Schempp has already shown that it has extensive practical application in Magnetic Resonance Imaging based on harmonic analysis on the 3D

Heisenberg Lie group [5]....The underlying Clifford algebra suggests that analogous mathematical models are also possible, one of which is the Klein bottle structure proposed by one of us in earlier work [3].

<https://www.frontiersin.org/articles/10.3389/fphy.2017.00028/full>

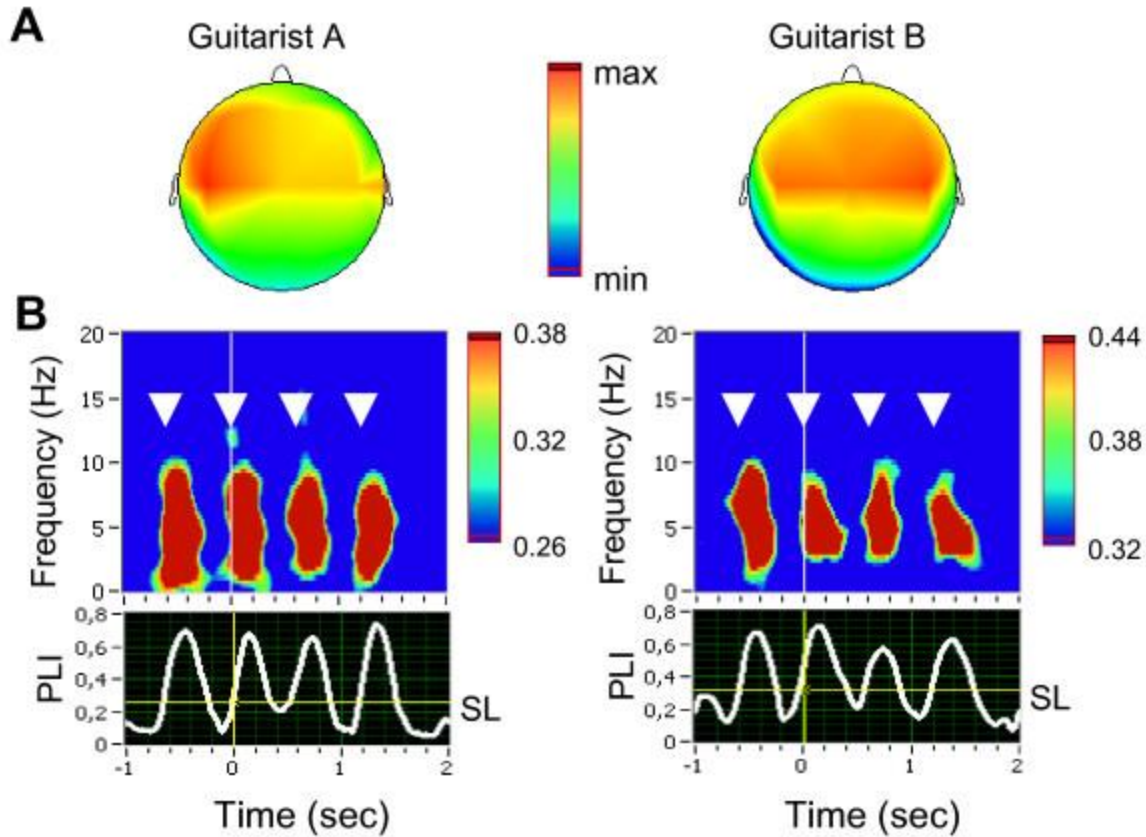
Date: Sat, 3 Oct 1998 08:48:44 -0400

From: Michael Lestz

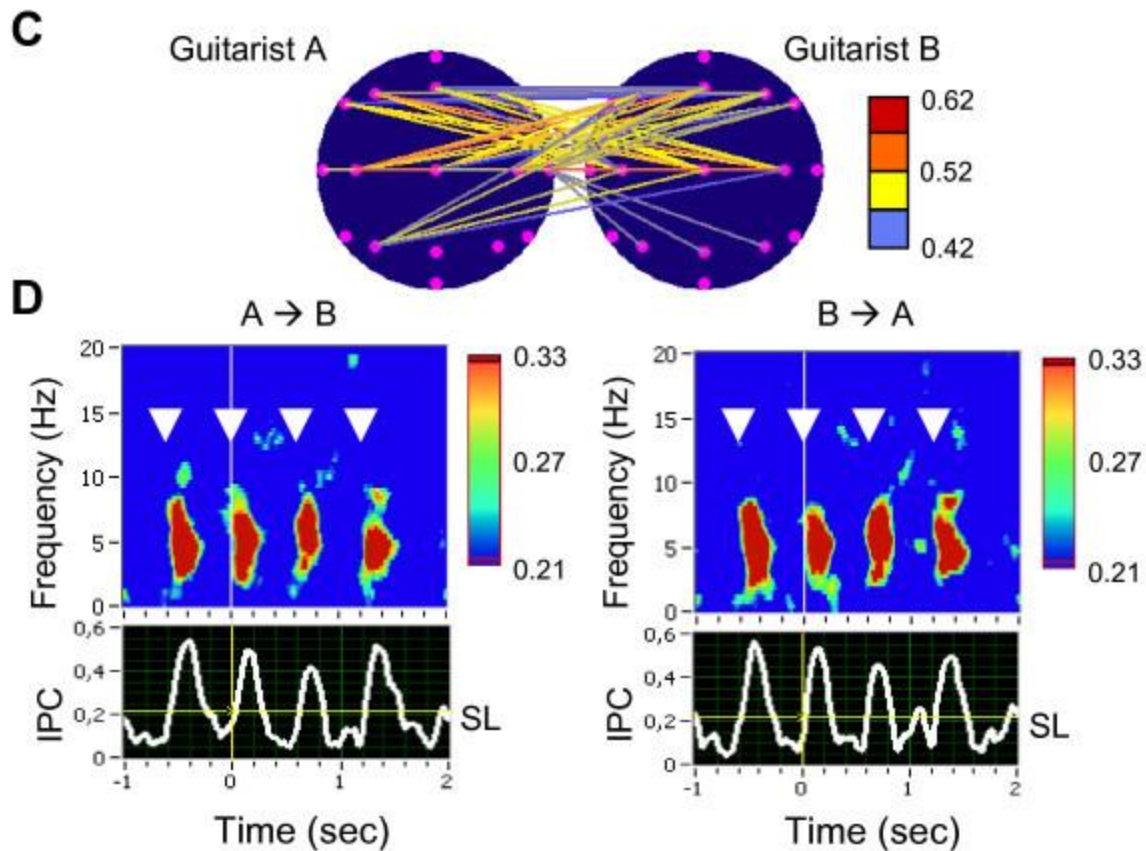
I seem to remember that the yun-yang symbol appears on bronzes of the Shang dynasty—perhaps earlier as an artistic motif on pottery. At any rate, it considerably antedates the Tang or Song eras. [Origins of yin-yang](#)



Synchronization within the brains

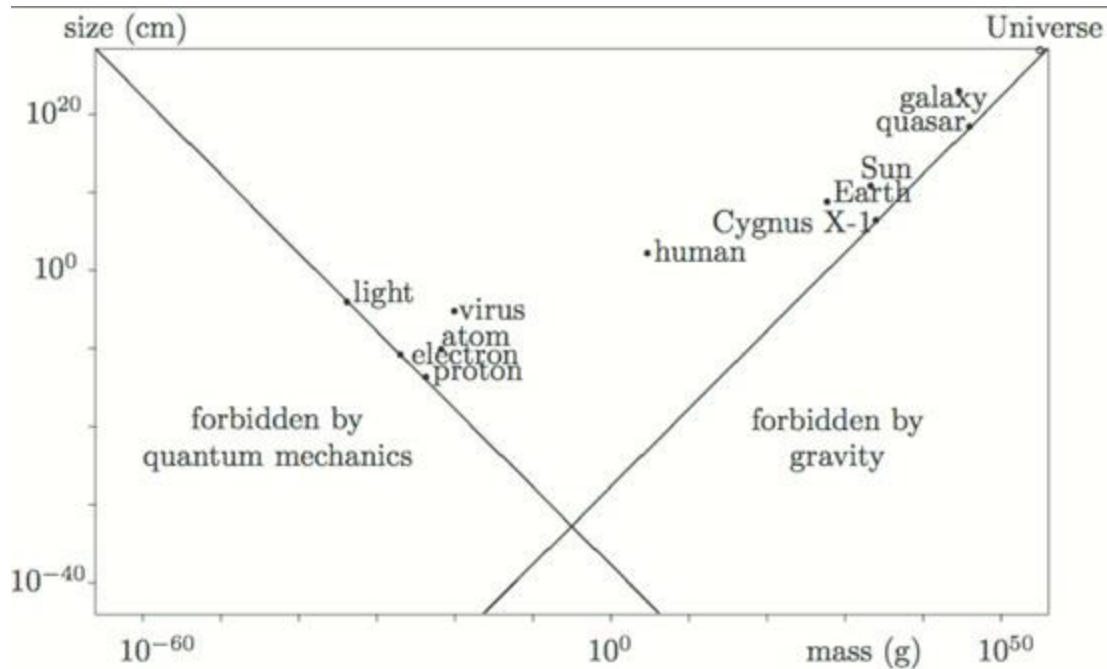


Synchronization between the brains





Noncommutative Phase as the 5th Dimension Ether protoconsciousness



Shahn Majid, Noncommutative phase solves de Broglie quantum wavelength inverse to mass vs symmetric math mass increase with wavelength



Eric Dollard on Pythagorean music as noncommutative phase (Versors from Hamilton Quaternions).

Another versor system of antiquity is that developed by Pythagoras of Ancient Greece (570 – 495 B.C.) This system is called “Music”. It is based upon the HARMONIC SUBDIVISIONS of an oscillating string, two to one, two to three, four to five, and etc. Each subdivision represents a versor position. This developed into a base seven versor,

$$(3) \sqrt[7]{1} = 1^{\frac{1}{7}}$$

$$k_7^n, n = a, b, c, d, e, f, g$$

It is however than n is a fractional and sometimes complex quantity. Therefore music represents a most complex versor system.

[In the Beginning - there were Versors - Eric Dollard](#)



Quantum Spin that is Entangled is inherently unknowable

We all originated from quantum fluctuations.... Mukhanov and Chibisov also realized that Heisenberg's uncertainty principle prohibits absolute homogeneity.

"There would always remain small wiggles, or small inhomogeneities, in the distribution of the matter," Mukhanov explains. "But normally these kinds of inhomogeneities are extremely small." What would have happened, Mukhanov and Chibisov wondered, to the inhomogeneities that were present during the exponential expansion? In 1981, Mukhanov and Chibisov concluded that the exponentially rapid expansion would stretch tiny quantum fluctuations to an enormously large size. After that, these fluctuations would grow in amplitude and become the seeds for the galaxy formation....At that time, hydrogen atoms and photons (packets of light) decoupled, leaving a kind of "flashbulb" image that pervades the universe to this day. Since then, numerous observations of the CMB have found an exquisite match with Mukhanov and Chibisov's theoretical predictions, most recently in the release of data from the European Space Agency's Planck observatory.

Viatcheslav Mukhanov - [The Quantum Universe](#)

Inflation is eternal to the Universe. A high energy "false vacuum" drives inflation. Bubbles end inflation in parts of the Universe (we live in a bubble) but the space between them expands even faster (preventing the bubbles from touching). There may be some contractions but on whole the Universe is expanding on average yet had a beginning in the past. A universe can form out of nothing, a high energy vacuum. The universe starts at a zero radius and zero energy/matter. The highest energy vacuum has the smallest radius based on quantum physics. There can be no external boundary conditions so Schroedinger wave function can not apply. The Universe then quantum tunnels out of nothing, a hyperspace point of zero. Since quarks do not go backwards in time, then it is a semiclassical model. Gerard t'Hooft asks if there is possibly an "observer effect" for the Universe - so the Universe is eternal from one perspective but not eternal from another perspective (i.e. collapsing the wave function as the boundary condition of a hypersphere).

Alexander Vilenkin - Quantum Cosmology and the Beginning of the Universe



The Natural Resonance Revolution!

Within the Matter-Being Paradigm, f is the resonance frequency that produces the collapse of quantum. Remember, this is the resonance between inaudible (in Base-9) and the audible (in Base-10) sound. And E is the information-mass resonance energy.

Wing Y. Pon, TCM biophysicist electrical engineer

Entanglement is the essential ingredient that knits space-time together into a smooth whole — not just in exotic cases with black holes, but always.... If any two particles are connected by entanglement, the physicists suggested, then they are effectively joined by a wormhole. And vice versa: the connection that physicists call a wormhole is equivalent to entanglement. They are different ways of describing the same underlying reality. [The quantum source of spacetime](#). 2015

Rudolf Steiner on secret of harmonic healing

"Tone, however, is a direct expression of the will itself, without interpolation of the mental image. When man is artistically engaged with tone, he puts his ear to the very heart of nature itself;"

["Sound is the bridge between God and the soul" SHRI DHYANYOGI](#)

Spin is likely the primordial self-referential process driving quantum mechanics, spacetime dynamics and [immanent] consciousness,

Huping Hu, Ph.D., J.D.

"Auditory and Visual Objects," by Michael Kubovy, *Cognition* 80 (2001), 97-126, in book, *Human Perception*, edited by Bertamini and Kubovy

"In audition, frequency is an indispensable attribute for perceptual numerosity; space is not.... Auditory objects are NOT formed in space."

Philosopher Henri Bergson, *Matter and Memory*, 1896, p. 31, [thanks to Dr. Stephen E. Robbins](#)

Zen, the Brain, and Bergson

But is it not obvious that the photograph, if photograph there be, *is already taken, already developed in the very heart of things and at all points in space.*

Stanford Quantum physicist Eddie Oshins:

This representation only works for the (more fundamental) 1/2-integral representations (i.e. spinors/turns/quaternions) but also lets one build the vector and tensor representations. The converse does not hold....this property of "noncommutivity" in itself might be valuable in some way.

My claim, and original idea, has been that this is circumnavigating a T'ai Chi (Yin/Yang) symbol! More recently (Oshins, 1993b) I have suggested that this proximate technique can be used to realize Wing Chun kung-fu's "bong sau/tan sau" movement out of the Kauffman/Oshins "quaternionic arm" discussed and referenced below in end note 5.

I believe that this may be a way to get mind to code the relative relationship of part of oneself with respect to the rest of oneself (self-referential motion) and can explain the concepts of being "centered"/"one"/"integrated"/"extended"/"whole" etc. which one strives for in meditation.

Oshins, E. (1993). Oshins, E. (1993). A test for classical psychospinors. <http://www.quantumphysics.com/pdf/Test-ClassicalPsychospinors.pdf> In Abdullah, F. (Ed.) *Conservation and Invariance*. Cambridge, UK: Alternative Natural Philosophy Association, London England.

a path that involves neither quantum mechanics nor relativity but a far more fundamental result in physics called Noether's Theorem after German mathematician Emmy Noether (1882 - 1935) who first derived it.

However, our conscious experience does assign a special time and a special place to the world. We experience the world in the HERE and NOW. Conscious experience seems to break the universal time/space symmetry of physics and hence (via Noether's Theorem) opens the way for Mind to violate the laws of conservation of Energy and Momentum. [Noncommutative Noether's Theorem]

But perhaps human minds in their normal state exercise only a insignificant influence on Nature's basic time/space symmetries but in Mesmeric trances, sexual transports or religious ecstasies, the powerfully experienced here/nowness of consciousness might induce extraordinary acts that violate the cherished laws of physics over and over and over again.

Thus Emmy Noether can explain St. Joseph of Cupertino.

Quantum Physicist Nick Herbert

These novel properties in microscopic world imply that the noncommutative Heisenberg's algebra could be extended to the noncommutative spacetime or phase space to avoid the singularity in particle physics, gravity and early universe in the Planck scale world.

Shi-Dong Liang, 2017 Guangdong Province, China, Sun Yat-Sen University, Physics department

On a fundamental level (below the Planck threshold) it is meaningless even to ask about singularities. The noncommutative geometry shaping this level is totally nonlocal:

Michael Heller (Vatican Observatory) and Wieslaw Sasin (Warsaw University of Poland)

This is because the energy of the electron varies directly with the electron voltage and the momentum varies with the square root of the voltage and the wavelength varies inversely with the square root of the voltage.

Lester Germer, confirming de Broglie's matter waves, but the phase waves as superluminal momentum are still elusive:

Manfred Euler's 2013 description of *acoustic STM - Scanning Tunnelling Microscopy* builds on his previous connections between the quantum acoustic realms.

"Universal coherence" - a "mind boggling outlook."

Phase harmony in de Broglie theory relates a local periodic phenomenon (the 'particle clock') to a periodic propagating field in such a way that relativistic invariance is satisfied. If a similar phenomenon in the cell is relevant it should couple the global oscillation pattern locally with periodic (mechanic, electric, biochemical ???) processes.

Coherence as consciousness.

"Ghost Tones"

[Manfred Euler is a Professor Emeritus of Physics at the University of Kiel.](#)

[Sitting in a quiet room, we can hear sounds that cause our eardrums to vibrate](#) by less than the diameter of an atom. ...

Quantum Effects in the Dynamics of Biological Systems, 1983, Lawrence Berkeley National Laboratory, William Bialek (currently Princeton Professor)

Godel solved the time-travel paradox and Hameroff and Penrose realize this as well. Rudy rucker interviews Godel - because he says you can time travel but you just can not have any desires to change anything! I have corresponded with Brian Josephson and he emphasizes that biology is more fundamental than physics. Have you read "*Life on the Edge*" on quantum biology - JohnJoe McFadden - argues that quantum coherence is the spark at the foundation of reality - not randomness that is unknowable. So quantum biology has proven we have biophotons inside us - that are coherent. So we can "turn the light around" by internal logical inference. It's proven if we visualize light with our eyes closed this increases biophotons. We then access the hidden momentum energy or relativistic mass of light - that is negentropic or reverse time energy, the novel quantum force that Basil J. Hiley says is causative of the Universe.

It's actually a Klein Bottle so you can't see the 5th dimension.

The red is a logarithmic singularity - but that is just classical physics.

So the foundation of reality is quantum - which is noncommutative phase as the 5th dimension.

So light as a photon is a point but as a wave it is nonlocal - but this means it is in 2 places at the same time - as the 5th dimension that is noncommutative.

People think that doesn't make sense - how can it be in two places at the same time? Actually basic music theory explains this.

So for example the Perfect Fifth is C to F as subharmonic $2/3$ while the Perfect Fifth is C to G overtone harmonic as $3/2$.

So $C = 2$ while $F=3=G$ at the same time. That is noncommutative phase. It is also called "Fourier Uncertainty" or "time-frequency uncertainty" - and that is the true foundation of reality.

So for example de Broglie - studying relativity - realized Einstein had a problem - as energy goes to the speed of light then time as wavelength slows down, gets bigger. That means as frequency goes higher then time also gets bigger. That violates a fundamental property since Pythagoras that frequency is inverse to time as wavelength (from music theory).

So de Broglie realized since quantum physics is real there has to be a phase wave that is faster than the speed of light. So you have a mass wave that is the "group phase" - and then you have a particle phase that is called the "internal clock" or a 2nd clock that is the phase wave of the particle - also called the "pilot wave" - and this comes back from the future. Since phase is frequency x wavelength and momentum (velocity) is inverse to wavelength then frequency of the internal clock of the particle varies with the change in mass of the wavelength as per relativity. So there is a Harvard physicist Andrew Strominger who works with Stephen Hawking - and says that the future already exists and reality is a holograph. So the 4D universe is actually a projection of this 5th dimension of noncommutative phase that is time-like.

This is how precognition is real.

It was Olivier Costa de Beauregard who emphasized that precognition was part of de Broglie's pilot wave model and in 1956 de Broglie said to Costa de Beauregard that there was "an incompatibility with our conventional notions of space and time." Nevertheless scientists have continued this parapsychology research based on de Broglie: [pdf AY Temkin 2011](#)

[Peter Kingsley](#) notes, "In terms not only of formal and structural analogies but also of historical contacts, there can be no separating the Thracian Orpheus [of Pythagorean equivalence] from central-Asiatic shamanic tradition." This connection with Taoism is also made explicit by the motif of the Pythagorean master Empedocles who, "dies a miraculous death by vanishing into thin air but who leaves a tell-tale item.... A more classic Taoist concept is that of achieving the divine state either by fashioning a spirit-body...thoughtfully leaving a pile of discarded garments...."

Ancient Philosophy, Mystery and Magic, Oxford Ph.D. thesis, 1995, p. 236.

The interaction of radiation and matter are not invertible. Nature appears to be asymmetric in time. [Albert Einstein, 1909, Salzburg Conference](#)

It looks like there is a black hole in physics. If you go back to the 1901 Planck paper, the 1905 Einstein paper, they do set certain boundary conditions, kind of excluding this interesting phenomenon of resonance. The energy balances, if you wish, in the resonance condition. [Professor Rustom Roy](#), (31 mns in) who documented qigong bigu with scholarly research and was a top materials science researcher.

All formulae in quantum mechanics can be written without $[h\text{-bar}]$ if energies and masses are consequently expressed in forms of frequencies. For example the uncertainty relation... can be expressed [change in position aka wavelength or time x change in frequency is greater than or equal to $1/2$], which is already well known from classical physics for wave packets.

2011 - *Journal of Physics*, Kurt Jung,

Dr. Stephon Alexander just had this book published which corroborates my qigong music analysis of alchemy.

The Jazz of Physics: The Secret Link Between Music and the Structure of the Universe

When we identify all of the C notes in the five-sided star [Coltrane's secret music model], we get the twelve-tone system of Western music. However, information is lost when we identify the five C notes as one C note in the mandala. [the Western closed circle of fifths] By information I mean the geometry, of the five-sided object embedded in the sixty cycle. If I were to try to preserve the pentagon in our twelve-note cycle, we get a very interesting scale - the pentatonic scale....guided from Coltrane's statement to Amran... "something that came from natural sources" It is a fact that the pentatonic scale exists in cultures all over the world.....Coltrane was search for what was universal in music....he wanted to find music that came from natural sources. Well, the pentatonic scale can be generated from five perfect fifths.

pp. 223-4, *The Jazz of Physics*

That is the Infinite Spiral of Fifths!! The perfect fifths from natural sources is the infinite spiral of fifths which is most closely approximated in Western tuning by the "sixty cycle" circle of fifths.

So the author is extrapolating to the secret meaning of Coltrane's connection to Einstein:

"In other words, like Einstein's idea of invariance, the pentatonic scale is a basis from which complexity can unfold...."

p. 225

For the most part, there are three tonal centers that move around, like rotating a triangle around the circle of fifths. [the 1-4-5 music intervals that are the key to my analysis!] And this harmonic rotation repeats itself in time.... So I imagined

that every time the cycle of the song repeats in time, the improviser gets to play new solos, or even permutations based on what they previously soloed. So what if we mapped the notes to the values of coupling constants and the rhythmic cycles to the cyclic expansions and contractions?

p. 211

The author is using the "infinite spiral of fifths" as the basis for quantum cosmology - successfully!! He published based on that concept - with coauthors. [here](#)

And here - [the paper in the book](#)

In other words, like Einstein's idea of invariance, the pentatonic scale is a basis from which complexity can unfold. p. 225

That is the core idea of my model also as the infinite spiral of fifths. So the author, Dr. Stephon Alexander, does a nice job summarizing de Broglie's analysis of Einstein.

The key to de Broglie's solution was to associate a particle-like property, momentum, with waves and to imagine electrons not as miniplanets orbiting a nucleus but as standing waves on a string.... De Broglie hypothesized that the momentum of the electron could be associated [inversely] with the wavelength of the standing wave orbit, similar to the relationship between a photon's energy and frequency....In the above equation, p is the momentum of the electron as it moves around the center of the nucleus and $[L]$ is the wavelength. It is amazing that this equation is a physical reality, for it states that an electron's "orbital" wavelength, a wave-like property, is related to how fast it is going around the nucleus, its momentum. p. 164-5.

So the key paradox that de Broglie discovered here is that for Einstein as energy goes to the speed of light the frequency is going up, higher energy, as time, the wavelength, slows down as larger wavelength and any mass increases. But for de Broglie the larger wavelength is inverse to momentum since the frequency determines the mass as energy - so de Broglie realized bigger wavelength means lower frequency which means lower energy and lighter, slower particle (as the mass gets bigger than the wavelength gets smaller).

The paradox de Broglie discovered was resolved as his Law of Phase Harmony - so that there are two time clocks - one that is superluminal - faster than the speed of light - which then goes backwards in time from the future! This is how quantum entanglement harmonizes the classical realm of larger wavelength, greater mass and the quantum realm of larger wavelength, smaller mass. Instead classical science presents it as a measurement problem but in fact it is an inherent "uncertainty" of time and frequency but in reality the uncertainty is from the noncommutative phase geometry of time and frequency. Dr. Stephon Alexander published on superluminal speeds at the inflation of the universe because of noncommutative geometry - this is the quantum cosmology of de Broglie. As he writes:

The next day, I woke up with this newfound insight and ran to my desk to jot down some equations that related to a branch of mathematics called noncommutative geometry, which proposes that the speed of light in the early universe could vary. [p. 61] We will return to this important musical analogy when we explore how asymmetry in the early universe similarly established hierarchies in the earliest cosmic structures. [p. 66]

So then just as with de Broglie's Law of Phase Harmony at cosmic inflation we get this:

But inflation *synchronizes* these phases. [emphasis in original] It is like having all those violins, which began playing a cacophony of different notes, converge on exactly the same note because some field - the 'conductron' - swept over them. In this sense, the inflaton field is our cosmic conductor. p. 192

It could be that there is a quantum effect on space-time that fundamentally violates Einstein's cherished Lorentz symmetry, resulting in a variation of the speed of light in the early universe. p. 204

So then Dr. Alexander argues that Coltrane's music model uses invariance like Einstein's relativity but with Coltrane there is asymmetry inherent to the natural perfect fifths of the non-western pentatonic scale - the secret core of Coltrane's sound cosmology. Dr. Alexander argues that this noncommutative tuning also

enables the structure of the universe to resonate out from inflation - as infinity from harmonics. So Dr. Alexander just needs to study music theory a little bit more to realize the actual noncommutative geometry of real Pythagorean harmonics as my blogbook details. He has figured out the intuition of the music - from the natural resonance of the Perfect fifths.

Quantum $1/f$ resonance denied by classically trained mind-controlled science!

The difficulty is that here a judgment based on fundamental science requires the knowledge of quantum electrodynamics however most of noise scientists are solid state physicists or engineers.

... it is the phonons that are the frequency energy as complementary opposite time - as the reverse phase shift of electrons and photons. However, although phonons are massless, they have momentum by virtue of their wavelength. Phonons must carry momentum because they interact with electrons and change the momentum of the latter. So again the phonons are the “hidden momentum” of charge as the precession or backwards wobble of spin - but in alchemy this resonates as a macroquantum energy.

“On the other hand, the ancient Pythagorean musical scales naturally lead to a simple quantum circle....There is something profoundly quantum in all music. A discrete space—the skeleton hosting any musical score, morphs into a true musical form, only after being symbiotically enveloped by a geometry of sound. And this geometry is inherently quantum, as it connects the points of the discrete underlying structure, invalidating the difference between now, then, here and there; thus creating an irreducible continuum for a piece of music: continuous discreteness and discrete continuity.”

Durdevich, Micho

Institute of Mathematics, UNAM (Mexico City)

“Music of Quantum Circles” 10/2015

Negative transference – that Reich emphasized – is of course the reason behind the witch genocide in Europe and the original attack against the Pythagoreans.

In fact there’s a joke because the Greeks called them “dirty Pythagoreans” (see a new book on

Essenes and Pythagoreans

) because the public baths were avoided: water is such a powerful transductor of energy that shamans do not want to bath in an area that is shared.

God as GOTT, Indo-European plow-Bull wheat white skin malnutrition monoculture patriarchy

Here's a Marvin Harris essay "The evolution of human gender hierarchies" from the book

Sex and Gender Hierarchies

(Cambridge University Press, 1993)

"These questions cannot be answered without considering the different implications of hoes and plows for the sexual division of labor as related to male and female anatomy and physiology in cultural evolutionary perspective. Where hoe agriculture prevails, women tend to be as productive as men in agricultural operations. This is what keeps their labor force in high demand and makes them independent of men. In contrast, where plow agriculture prevails, plowing constitutes a critical task (an 'energy gap') which men perform (or operate) more efficiently than women. And this is what underlies the Eurasian pattern of female dependency and subordination."

Men are controlled by the Techno-State in monogamous family structures (i.e. pay taxes, join the military as mass ritual sacrifice, plow the field, damn it!!)

The techno-feminist angle on all this is that the Bull-God (Plow fertility GOTT – is the root word for God and means Bull) was originally HATHOR – the Female Goddess of Egypt. But Patriarchial war-mongering expansion of plow-based rectilinear housing goes all the way back to 10,000 BC (*Birth of the Gods and the Origin of Agriculture*, Cambridge U Press, 2000).



Readers of my energy feedback quotes

Highest level of French Freemasonry is full lotus yoga pyramid power

Prof. Hugh B. Urban: 1997 "Elitism and Esotericism: Strategies of Secrecy and Power in South Indian Tantra and French Freemasonry," *Numen* 44: 1-38.

[Readers of my energy feedback quotes](#)

"There is a distinction between malevolent witchcraft and "white magic" or "witchcraft for healing." Nowadays, many prefer the term "traditional healer"

instead of “witchdoctor,” the latter being a colonial term that may connote straightforward

witchcraft rather than healing....on the one hand the practice of witchcraft is illegal, yet making accusations of witchcraft is also illegal....Today, most of Africa continues to outlaw the “practice of magic and witchcraft.”¹⁶⁰

The Problem of Witchcraft Violence in Africa

John Alan Cohan 2011



Protege of Heisenberg, Prof. Dr. Hans-Peter Dürr, former head of the Max Planck Institute

"What we consider the here and now, this world, it is actually just the material level that is comprehensible. The beyond is an infinite reality that is much bigger. Which this world is rooted in. In this way, our lives in this plane of existence are encompassed, surrounded, by the afterworld already. When planning I imagine that I have written my existence in this world on a sort of hard drive on the tangible (the brain), that I have also transferred this data onto the spiritual quantum field, then I could say that when I die, I do not lose this information, this consciousness. The body dies but the spiritual quantum field continues. In this way, I am immortal."

Prof. Dr. Hans-Peter Dürr, former head of the Max Planck Institute for Physics in Munich

[This dude really understood quantum relativity!](#)

That is the reason why when people are doing quantum physics, if you only use quantum mechanics, they do not see the difference. Only if you go into relativistic theory, you have not only one, but an infinite number of them, disappearing as matter and occurring at interactions. So we are in a way misled by Schroedinger who said, "Why do we need the Matrix mechanics of Heisenberg, when with only the algebra I make the Schrodinger equation that is in space and time. And that is the way, to my mind, the reason why we are on the wrong track. If the biologists try to get an understanding of biology is a complicated [interrupted] of the old physics. They make it so complicated...if you have dead matter and glue it together....it will never get alive.

Trance music training from b4 100,000 years ago!

“A study showed the Khoe and San peoples of the sub-Saharan are descendents of the earliest diversification event in the history of all humans, some 100,000 years ago.”

Khoe-San Peoples Diverged Before 'Out-Of-Africa' Migration of Modern Humans
Science Daily

Sept 20, 2012

click-speaking San, a group of hunter-gatherers indigenous to southern Africa who represent one of the deepest branches of the human population tree

. Genome-wide analyses of numerous human populations have revealed that other hunter-gatherer populations such as Pygmies, Sandawe and Hadza also branched early in African prehistory, suggesting a common and ancient origin for hunter-gatherers

. Pygmy hunter-gatherers diverged from the ancestors of contemporary agriculturalist Africans about 56–70 kya

[25]

,

[26]

. Population splits within each hunter-gatherer group, however, are more recent. Molecular data suggest that the San split into two groups only 32–47 kya

[4]

,

[27]

whereas Pygmies separated into ancestral Western and Eastern populations ~20 kya

[25] 2013

Tribal Trance Dance training

“The !Kung San of southern Africa, for example, seek to heal rifts in personal relationships within the community using music and repetitive dance movement to trigger trance states. Many religions have practices such as chanting and fasting that invoke similar mental states: blinding light bursts within the head....It

is easy to see how this activity could have been extremely beneficial to our ancestors, uniting the group, discouraging free riders, and so increasing the chances that individuals would survive and reproduce more successfully.”

Professor Robin Dunbar,

How Many Friends Does One Person Need? Dunbars Number and Other Evolutionary Quirks

(Harvard University Press, 2010), passim.

Bushmen healing books/texts

The Way of the Bushman: Spiritual Teachings as told by the Elders

N/um, Change, and Social Work by Drs. Bradford and Hillary Keeney pdf

Megan Biesele,

Women like meat: the folklore and foraging ideology of the Kalahari Ju/'Hoan

(Witwatersrand

University Press, 1993).

Mathias Georg Guenther,

Tricksters and trancers: bushman religion and society

(Indiana University Press,

1999).

Elizabeth Marshall Thomas,

The harmless people

(Random House, Inc., 1989) and

Rupert Isaacson,

The Healing Land: The Khoisan and the Kalahari Desert

(Grove Press, 2004).

Richard Katz,

Boiling energy: community healing among the Kalahari Kung

(Harvard University Press, 1984).

Marjorie Shostak,

Nisa: the life and words of a !Kung woman

(Harvard University Press, 2000).

the Bushmen book *Healing Makes Our Hearts Happy*.

The Past and Future of !Kung Ethnography: Critical Reflections and Symbolic Perspectives. Essays in Honour of Lorna Marshall

, edited by Megan Biesele, with Robert Gordon and Richard Lee

Trance Cure of the !Kung Bushmen pdf

by Richard Lee

Some healers try to hoard n/um

Education for Transcendence - Richard Katz pdf

Eland Bull trance dance ritual during first female menstruation at New Moon - oldest language

“There are things about the antiquity of the Bushmen’s culture that we didn’t know. A musicologist found very important music which was used at a woman’s first menarche called ‘elan music’ (honoring the fat-rich antelope). This ‘elan music’ was also present in other language groups of other Bushmen language groups and also the noun-less speakers who are not exactly Bushmen but they’re related. This means that way back before these groups diverged,

somebody invented or composed (this) music and then they took it with them.”

Interview with Elizabeth Marshall Thomas, Paula Gordon Show (Peterborough, New Hampshire, July

19, 2008).



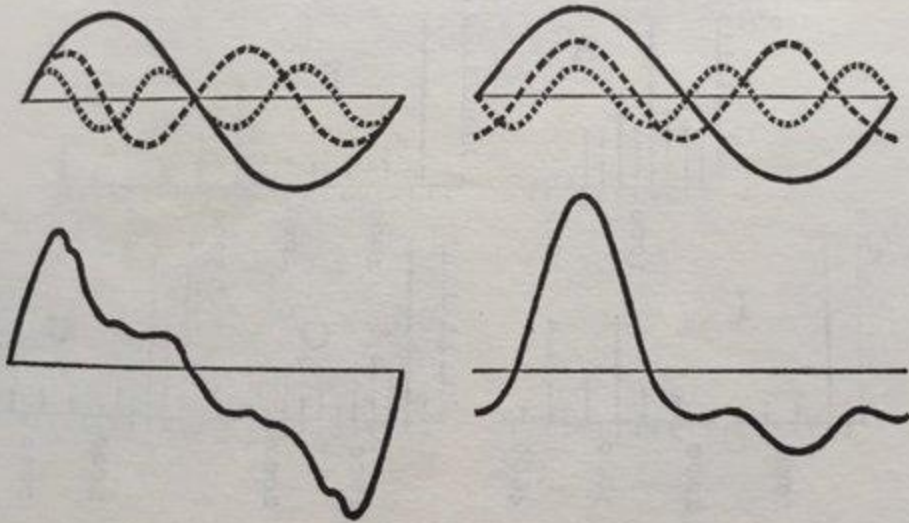
Listening to the 5th Dimension: How Noncommutative Phase solves the problems of reality

air intervening. But the upper limit Dr. Timm has checked—as of exactly the same to 176,000—the upper limit Dr. Timm has checked—as of exactly the same pitch. Although this 'ultra-range' comprises well over three octaves, to us all the 36 tones physically possible seem stereotyped and exactly like the highest tone we can hear in the normal way when it reaches us through the air.

Nature had therefore to make a particularly brilliant invention to endow birds, mammals, and men with the gift of hearing so many different tones. This invention is the basilar membrane of the inner ear.

What does the inner ear in fact do? Let us assume we hear the three octaves above middle C, and then the stirrup vibrates 2,048 times per second on the fluid column of the cochlea. But it sounds different if we hear the same one from a violin or a flute. The reason is that with every instrument the

Figure 68. Two sound waves made up of the same fundamental and two harmonics, but in different phase relationship.



biophysicist Vitus B. Dröscher states in his book, Magic of the Senses, p. 168



Ramana Maharshi

Just as [movie] pictures can be made visible by a reflected light, and only in darkness, so also the world pictures are perceptible only by the light of the Self reflected in the darkness of

avidya

(ignorance). The world can be seen neither in the utter darkness of ignorance, as in deep sleep, nor in the utter light of the Self, as in Self-realization or *samadhi*.

(Ramana Maharshi, GR, 57.)

People want to see the Self as something. They desire to see it as a blazing light, etc. But how could that be? The [deep] Self is not light, not darkness, not any observed thing. The Self is ever the Witness. It is eternal and remains the same all along....Sages say that the state [or place] in which the thought 'I' [the ego] does not rise even in the least, alone is Silence [mouna] or Self [swarupa]. [That] silent Self alone is God; Self alone is the jiva; Self alone is this ancient world....Attending unceasingly and with a fully [concentrated] mind to Self, which is the non-dual perfect reality, alone is the pure supreme Silence;

—Ramana Maharshi



Echo Timing, Consciousness and Acoustic light from Phonon Ether

It is pointed out that the mystery of how biological systems measure their lengths vanishes away if one premises that they have discovered a way to generate linear waves analogous to compressional sound. These can be used to detect length at either large or small scales using echo timing and fringe counting.

The engineering principle is shown to be very general and functionally the same as that used by hearing organs.

[Self-amplification is secret of life-consciousness](#)

Sound in the head is the same form as the electromagnetic waves in the brain:

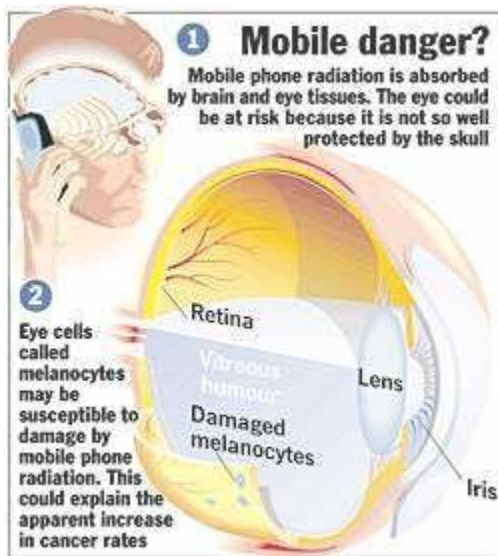
The core of the experiment - done in a team with neurosurgeons and electric engineers - consists in comparing the shape of the electric waves of non-acoustic language areas (typically, Broca's area) with the shape of the corresponding sound waves. The result was that not only the shape of the two different waves correlate but they do so also in absence of sound production, that is during inner speech activity, opening the possibility to reading linguistic expression from direct measure of the cortex and skipping the actual utterance of the sentence [Magrassi et al. 2015](#). For a non technical synthesis of these discoveries and a critical discussion see [Moro 2016](#)

So the "externalization" of language as sounds or internal thinking is first premised by electromagnetic fields that have the same shape as the sound waves - direct transduction of electromagnetic thought to sound! Even for sleeping patients! Amazing! [Impossible Languages](#)

listens for the sound of thought by recording electrical activity in the brain. Words and sentences, he tells us, are like symphonies and constellations: they have no content of their own; they exist because we listen to them and look at them. We are part of the data.



LED phone screens spike coherent blue light energy causing cancer



Wow the eyes absorb the microwaves from cell phones!



Look at the Source: Poonjaji

Let this I face the Source and facing the Source is called inquiry, when the I is facing, there is the inquiry. As mirror, in front of the mirror, is reflecting. When you see the mirror? See your face, a reflection. When you keep aside the mirror, where does the reflection go? Back to the face. So this I is inquiring from its own source, which was a reflection in the mind; mind to the senses; senses to the body; body to the senses; senses to the object. This universe is this thing. This is the method of maharshi. Striking at the root of the mind. Everything else, all the methods, ways described by others, people who teach any kind of sadhana, any kind of practice, are WITH the mind, and the result will be mental or like yoga, physical, the result will be physical. This is striking at the root of the mind,

instantly.

[This reflection of the I ...here ends the inquiry.](#)

Poonjaji on the secret of turning the light around to access the formless awareness Shaktipat energy, the Yuan Qi source of Yuan Shen.



Sir Roger Penrose on noncommutative quantum gravity proto-consciousness

...I would myself insist on attributing some measure of physical reality to the [quantum] wavefunction. Yet, this "reality" has to acquire some kind of non-locality, as this simple example demonstrates.

genuine curved-space geometry might be incorporated into the twistor formalism. ..we see a new kind of non-locality arising in the twistor picture.

Since these twistor quantum algebras are non-commutative, we are led into the kind of picture provided by the ideas of non-commutative geometry....

Towards an Objective Physics of Bell Non-locality: Palatial Twistor Theory
Roger Penrose



Electron spins controlled using sound waves

Cornell applied physicists have demonstrated an unprecedented method of control over electron spins using extremely high-frequency

A research team led by Greg Fuchs, assistant professor of applied and engineering physics, previously had demonstrated electron spin control using a mechanical oscillator, which creates gigahertz-frequency sound waves (audible in the kilohertz range).

They not only created spin transitions with sound, but they also used sound to coherently control the quantum state of the spin.

"We're coherently interacting this quantum thing, this spin, with something that's big and mechanical, a thing you can see with your naked eye, and that actually

vibrates," Fuchs said.

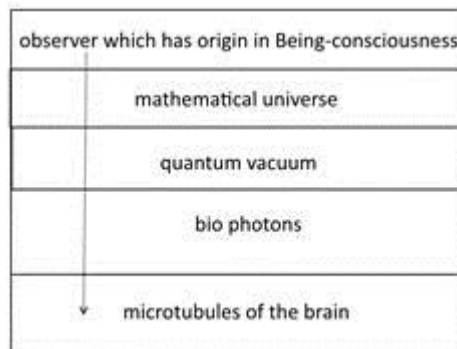
[Quantum Spin via Sound waves](#)

Circuit quantum acoustodynamics with surface acoustic waves.

Nature communications **8** (2017) 975-

R Manenti, AF Kockum, A Patterson, T Behrle, J Rahamim, G Tancredi, F Nori, PJ Leek

The experimental investigation of quantum devices incorporating mechanical resonators has opened up new frontiers in the study of quantum mechanics at a macroscopic level. It has recently been shown that surface acoustic waves (SAWs) can be piezoelectrically coupled to superconducting qubits,



Amazing research of Amrit Srecko Sorli and Davide Fiscaletti, et. al.



Michael Persinger on quantum coherence spin consciousness

In a study (Hu & Wu, 2004), it was proposed that networks of nuclear spins in neural membranes are associated with strongly fluctuating magnetic fields that are modulated by the indirect dipole-to-dipole coupling in action potentials. Interactions between two nuclear spins result indirectly from the interactions of electrons around the nuclei. Hu and Wu found that these couplings had frequencies of 5-25 Hz, which are within the EEG range of activity. They predicted that magnetic fields associated with spin-related coupling across the cell membrane would have an energy value equivalent to photon emission.

[A New Spin on Neural Processing: Quantum Cognition](#)



Dr. Jack Kruse against indoor blue light (computer screens).

Autoimmunity is exploding anywhere the Western ideas are. Western ideas are associated with modern technology and modern technology invariably brings you indoors to an alien sun that's blue, that expands the mitochondrial cytochromes. Every 1 angstrom they increase you reduce quantum tunneling of electrons by a factor of 10.

You wanna know the fastest way to destroy your biology and get an autoimmune condition. Blue light is your answer.

Dr. Jack Kruse

Quantum Mitochondrion and Optimal Health

life has actually tuned itself to use thermal vibrations to 'pump' coherence, rather than disrupt it, which results in a phenomenon known as 'quantum beating'. This effect has been detected in bacterial light harvesting complexes and essentially represents a coherent superposition of electronic states, analogous to a nuclear wavepacket in the vibrational regimen. In essence, the energy in light can be harvested very efficiently and transferred using wavelike resonance. There is thus a 'goldilocks zone' to optimize efficiency; in effect, just the right amount of 'noise' can result in enhanced 'coherence' and 'tunnelling' due to stimulating particular vibrational modes in proteins—so called exciton-vibrational coupling (vibronic coupling)

macroquantum jing to qi to shen alchemy

Skulachev has suggested that fused mitochondria could act as 'power cables' [67]; it is thus interesting that Reynaud has shown that mitochondria can be made to fuse using electric fields in vitro [68]. This would be in keeping with the ideas of Fröhlich about energy transfer involving vibronic coupling, in particular, between mitochondria and microtubules [69].

Hence, both calorie restriction and increased metabolic demand would generate an adaptive response (hormetic trigger) to improve mitochondrial function. As the mitochondrial potential is restored, and mitochondrial mass and/or efficiency increased, quantum tunnelling would become more efficient and ATP levels re-

established and ROS minimized.

This of course suggests a very tight relationship between mitochondrial function, quantum efficiency, inflammation and aging.

In summary, the central precept for this paper is that humans evolved in a quantum universe and that quantum effects are pivotal for optimal function.

Fred Alan Wolf (p. 94, *Taking the Quantum Leap*)

The movement of the electron from one orbit to another lower energy orbit was a simple change of notes. As a violin string undergoes such a change, there is a moment when both harmonics can be heard. This results in the well-known experience of harmony, or as wave scientists call it, the phenomenon of *beats*. ...The light was a beat, a harmony, between the lower and upper harmonics of the Schrodinger-de Broglie waves. When we see atomic light, we are observing an atom singing harmony....They had no medium to wave in, and they had no recognizable form in physical space.



The secret Golden Key of alchemy

This is the secret of how energy masters can do long distance healing - because as pure light they

experience no space - their light can go anywhere in space, holographically, just by focusing on that space. Qigong master Zhang Hongbao, a former Communist Party "Red Guard" worker had his key insight that moved him beyond Marxist philosophy, [\[pdf link\]](#) to create the mass qigong master training business Zhonggong: [more here](#)

According to Zhang, Marx and Engels failed to appreciate that "thought and matter have a dialectical, not a master-slave, relationship," with thought and spirit actually existing as "*yin*" matter, a realm governed by motion that occurs beyond the speed of light. Zhang's own breakthrough discovery (*tupo kuo*) that "the power of thought" (*yinianli*) has a measurable material existence in the yin realm became the "golden key" (*jin yaoshi*) that unlocked for him the mysteries of the universe. [Chinese Society: Change, Conflict and Resistance \(googlebook\)](#)

Animal Communication from quantum nonlocal awareness

How Anna Breytenbach explains animal communication - "it's actually a matter of the heart....People have to go quiet and still to hear again." To fine tune these skills simply requires becoming quiet enough from the mental chatter. A quiet enough inner state to be able to hear and listen very deeply beyond the five senses. When the mind can fall really quiet and I'm just in a state of shared awareness, ...seeing, it's a mutual knowing....in a much more full way than linear time can even account for. And in three seconds of shared being with another, we can know each other fully: past, present and future.



Time-frequency uncertainty arises from non-local noncommutative phase

[Uncertainty principle and music tuning:](#)

You may think that the Uncertainty Principle has nothing to do with music. But the formula can be transformed into the relation between time and frequency of waves. ...Now we have found out the fact that it is impossible for us to know the exact frequencies in our sound wave at an exact moment in time.... In other words, theoretically we cannot get the perfect fifth tone with a frequency f from a root tone with a frequency f_0 by calculating $f = f_0 \times 3/2$.

The Russian astrophysicist Nikolai Kozyrev also discovered the secret of this superluminal ether as a scalar wave - [Time is a form of energy.](#)

"Cause or Asymmetrical Mechanics in Linear Approximation"

N.A. Kozyrev calculates the qualities of stellar matter where it functions as a transformer of time-form energy into heat-energy. It is concluded that the transformation involves several

electrodynamical processes, but, generally, any closed mechanical system can produce energy also if it is an asymmetrical system. The asymmetry for mechanics by Kozyrev is cause-effect asymmetry and if the mechanical system includes the non-reversible cause-effect connection it can take the energy from time-flow. By my opinion, this is the theoretical basis for any kind of perpetual motion system.

[Joseph P. Farrell extrapolates on Kozyrev's research to speculate on secret military powers and ancient civilizations - his "Grid of the Gods" 2011 book link](#)

Farrell argues for an ancient global high civilization based on alchemy and then he includes a section called: B. Music, the Alchemical Medium, and Astronomy:

The Vedic tradition is full of allusions to the "luminous nature of sound". Indeed, the word for light (svar) is similar to the word for sound (svara). — This as I have

observed elsewhere, is another clue that perhaps we are viewing a legacy of a lost sophistication in physics, for the idea of a "sound-light" can also be understood as "electro-acoustic," i.e., as longitudinal electrical

waves in the medium, recalling the "Sound- Eye" spoken of in the Egyptian Edfu texts.—...In other words, our "ancient topological metaphor" is also a musical metaphor....the use of musical codes in the Platonic and Pythagorean traditions — rather than the quantum mechanical and astronomical encoding, that points directly to the next necessary stage in our speculative case that pyramidal structures are hyper-dimensional machines, designed to manipulate the medium itself, in all its effects, including consciousness.... The Pythagoreans, in other words, were preserving a secret of hyper-dimensional geometry....

The key point of Kozyrev is that, unlike Western science, the scalar is asymmetric resonance [and it was the key insight to explain paranormal research in the Soviet Union.](#)

Asymmetry is a basic property of life. This can't be a chance thing, Dr. Kozyrev thought. ... Perhaps the energy of "time" flows in this pattern.

Tim Maudlin - NYU Philosophy of Science Professor - [The Directionality of Time as the Fundamental of Reality](#) - time is asymmetric order:

I think this is a really nice place to go fundamental....We shouldn't try to give a further explanation or account of the direction of time....it's doing a job that doesn't need anything underneath it to further produce. The other thing about taking the direction of time, this is where we ought to end, at this asymmetrical before/after relation...It is the fundamental ordering principle.



Quantum Phonons, secret of alchemy

[Quantum effects are responsible for holding DNA together.](#)

.. what happens to these oscillations, or phonons as physicists call them, when the base pairs are stacked in a double helix. Phonons are quantum objects, meaning they can exist in a superposition of states and become entangled, just like other quantum objects. To start with, Rieper and co imagine the helix without any effect from outside heat. "Clearly the chain of coupled harmonic oscillators is entangled at zero temperature," they say. They then go on to show that the entanglement can also exist at room temperature. That's possible because phonons have a wavelength which is similar in size to a DNA helix and this allows standing waves

to form, a phenomenon known as phonon trapping. When this happens, the phonons cannot easily escape. Quantum biologist Elisabeth Rieper discovered "in a standard analysis, there's not enough energy to hold DNA together, but their quantum theory makes it work."

quasiparticles such as electrons and holes in solid-state crystals, mass spring systems⁵ or collective excitations such as Bose Einstein condensates in lattices^{6,7} may exhibit a dispersion relation with regions of inverted curvature where the effective mass is negative....a nonlinear phase shift on each pulse....action reaction symmetry breaking



Quantum Coherence self-amplifies as negentropic energy

[The end of the video has the scientists saying "in principle you can be in two places at once" and also "you can walk through walls." pdf tuning nanosound into quantum resonance](#)

Qigong master Sifu Ho Fatt Nam [said his senior classmate could walk through walls.](#)

[The permutations of possible energy levels of biomolecules is huge so the possibility of finding even one that is in the quantum critical state by accident is mind-bogglingly small and, to all intents and purposes, impossible. So that fact that most of the molecules they modelled fall into this category is hugely significant."While in physical systems the critical state can be reached only upon a careful tuning of the strength of the disorder, in the following we show that certain biomolecules are precisely at the critical state without any external tuning....Environment-assisted Quantum Transport\[49\] \(ENAQT\) is dominant and facilitates the fast quantum spreading of excitations over the system."](#)

Quantum Criticality at the Origin of Life

[Gabor Vattay, Dennis Salahub, Istvan Csabai, Ali Nassimi, Stuart A. Kaufmann](#)

Comments: 10 pages, 4 figures

Journal-ref: 2015

Thus quantum and classical states alternate, in various frequency scales, which interact, not unlike music.

Virtually all biomolecules and organelles have non-polar interiors friendly to quantum coherence (the 'quantum underground'). Higher levels of consciousness would involve larger E (more tubulins, more neurons and a higher portion of the brain), and shorter t, thus higher frequencies. Stuart Hameroff

Metabolic pumping will excite macromolecules such as proteins and nucleic acids as well as cellular membranes (which typically have an enormous electric field of some 10^7 V/m across them). The excited molecules/membranes will vibrate at various characteristic frequencies resulting from the coupling of electrical displacements to mechanical deformations. This eventually builds up into collective modes (coherent excitations) of both electromechanical oscillations (phonons, or sound waves in solid medium) and electromagnetic radiations (photons) that extend over macroscopic distances within the organism and perhaps also outside the organism.

On more than one occasion, my teacher told us an experience he had with Wang Li Ping in China. He asked about enlightenment and how one really can know if they're enlightened. Sherfu Wang was silent. Suddenly he stood up and left the room, locking door behind him. A moment later he walked back in the room, passing right through the wall as if it didn't even exist. My teacher's jaw dropped as [Sherfu calmly and simply explained that when you are enlightened you are truly one with your environment; not just intellectually or spiritually, but totally.](#)



Charles G. Finney, Evangelical Preacher as alchemy energy

Century revivalist preacher Charles G. Finney, call it the Holy Spirit. Finney describes his experience of being spiritually cooked:

“...the Holy Spirit descended upon me in a manner that seemed to go through me...like a wave of electricity... Indeed it seemed to come in waves and waves of liquid love; for I could not express it in any other way. It seemed like the very breath of God.”

quoted by Dr. Bradford Kinney

The Bible represents the Spirit as giving to the mind both light and heat. It both illumines and impresses; both reveals the truth, and makes it seem real, and hence makes it effective as truth, upon the mind. Hence the fitness of the figure which on the day of Pentecost, presented the descending Spirit under the symbol

of “cloven tongues like as of fire.” Hence also the figure implied in our text—“Quench not”—as if it were a candle flame,—a fire, which might be extinguished. It is the office-work of the Spirit to enlighten the intellect, and at the same time to warm the sensibilities. This is indeed a most remarkable fact, that when the Spirit of God reveals light, it is done in a manner which always warms the sensibility.

Many seem not to realize the nature of the Spirit’s operations, the possibility always of resisting, and the great danger of quenching that light of God in the soul.

Again there is, so to speak, a sort of heat, a warmth and vitality attending the truth when enforced by the Spirit. Thus we say if one has the Spirit of God his soul is warm; if he has not the Spirit, his heart is cold.

This vital heat produced by the divine Spirit may be quenched. Let a man resist the Spirit, and he will certainly quench this vital energy which it exerts upon the heart.

Charles G. Finney



Dr. Andrija Puharich's Phonon-Hydrion Effect is verified:

By ionizing the collagen through piezoelectric resonance, the water splits harmonically to create a superconducting proton-proton charge. Why? Each CD [coherent domain] of water is a resonating cavity produced by the electromagnetic field that ends up trapping the field because water is much denser than air, so the frequency of the CD electromagnetic field becomes much smaller than the frequency of the free field with the same wavelength.... and therefore contains close to a million almost free electrons. At the same time, positively charged protons are extruded outside the domain, which is what happens also in the exclusion zones discovered by Pollack [10]. Because of quantum relativity as “imaginary mass” of the trapped biophoton light - Dr. Mae Wan Ho has details based on Emilio Del Giudice and Gerald Pollack and Shui-yin Lo and George Reiter - carbon nanotubes and water charge research -

pdf

“protons are coherently delocalized in two momentum states.”

“the frequency of the CD [coherent domain] electromagnetic field becomes much smaller than the frequency of the free field with the same wavelength.”

De Broglie Law of Phase Harmony.

“The phase, distinct from the energy, can travel faster than light.”

Emilio Del Giudice

A coherent system is in fact able to concentrate its energy from the whole of its degrees of freedom [infinite frequency] to a small number of them. ...We can finally put forward the hypothesis that Wilhelm Reich's orgone is the form assumed by the energy of the organism in a condition of coherence [complementary opposite noncommutative phase-space]. In this case, the disappearance of the orgone becomes the consequence of the loss of coherence of the organism, with a subsequent loss of self-movement and a tendency towards the state of inert matter.

[Author's response](#)

www.tandfonline.com/doi/pdf/10.1080/02604027.1971.9971761

OLIVER L. REISER. University of Pittsburgh. THE critiques by Professors Alburey Castell and Archie J. Bahm are friendly in tone and thoughtful in content. I wish to thank these reviewers for their sustained efforts at system some ideas proffered me by Dr. *Andrija Puharich*. Now we, together, propose the hypothesis that ...

See below for my Actual Matrix Plan based on the music logarithmic spiral, from Puharich and Reiser, with elite science support!



Qigong reality demands scientific breakthrough

Skeptics Debunked about External Qigong for Chronic Pain healing research

On a kungfu forum in 2012 someone

dares to post the Mayo Clinic, University of Minnesota gold-standard (randomized controlled) external qi results. The next person responds:

At least read the abstract to the study BEFORE you post it man.

At week 8, these differences in overall decreased pain intensity persisted but were not statistically significant.

(<http://www.ncbi.nlm.nih.gov/pubmed/20626055>)

I won't assume you know what that means - it means by 8 weeks the people with the Qigong treatment didn't even PERCEIVE their treatment as really being any

more effective than the people without it.

Just because the qigong company cherry-picks quotes doesn't mean the Mayo Clinic actually got the results they hoped for.

O.K. so the person who posted the results feels like they've been "put in their place" but have they? The skeptic may have read the "abstract" and felt proud about that but the skeptic did not read the actual study!!

So sorry, better luck next time.

That's the "final" word of the skeptic. And the person who posted the research responds as if they learned their lesson:

Thanks for explaining this in more detail, I understand better now what you were stating.

But

the pdf link clearly explains

what the skeptic misunderstood from the abstract. The external qigong treatments were only for 4 weeks! After each treatment, the treated people felt significantly improved of chronic pain or to quote the study:

immediate reductions in pain intensity in persons with chronic pain, after the 2nd, 3rd and 4th EQT sessions. This finding is especially impressive given the long duration of pain (>5 years), in most of the participants.

(my emphasis) So then to clarify the control group got "delayed treatment" with no follow up on their pain reduction. So the first 4 weeks the group receiving external qi was tested for pain reduction, then 4 weeks later the "delayed treatment" was received for the control group that was not tested for pain reduction. Then at

8 weeks

the first group had not been receiving any qigong healing for 4 weeks and after 4 weeks of no healing they reported no difference any more.

What the study clearly showed is that as long as they got the external qi healing then the pain reduction they experienced was much better than what Western medicine had been able to provide. Drs. Ann Vincent, Jamia Hill, Kelly M. Kruk and Brent A. Bauer then finish the report saying that length of treatment and frequency of treatment would then better optimize the results in the future.

34 Qigong Hospitals, 1989 China

“Since the first Qigong Treatment Convalescent Hospital was set up in Tangshan, Hebei Province, in 1954, the state public health department has overseen the establishment of 34 qigong hospitals....most other hospitals and convalescent homes across the country also have special qigong departments...China has at least eight magazines devoted to qigong research and popularization....from China’s ten national and many local qigong scientific research associations....Qigong researchers maintain that the body and nature exist as an inter-related and inseparable unity....Qigong was first used medically in New China to cure stomach ulcers. A survey of 1,000 sufferers conducted between 1954 and 1959 discovered that qigong is effective for over 95 percent of them.

Subsequent X-ray examinations showed that the continued use of qigong helped the body to absorb scar tissue, ensuring a complete recovery with no possibility of relapse....Professor Feng Lida....using an electron microscope...discovered that active cancer cells changed state when subjected to qigong. They swelled up then disintegrated and died....Other suggestions included a kind of human laser beam and an energy transporting medium....such a breakthrough will lead to a massive new technological revolution - perhaps even greater than the one brought about by quantum mechanics, the theory of relativity....It will reshape the entire human world.”

Beijing Review

, April 24-30, 1989

“Toward what I believed to be the end of the evening, Xaxe, a great hunter, healer, and shaman, laid hands on me....I felt the energy, his energy, surge through my body. He had his hands on me for about twenty-five or thirty seconds, but it felt like he had only touched me for a split second. Time stood still. I literally had a

short out of body experience. I could see him touching me from just above my body, almost like I was floating six feet off the ground, watching myself. All of a sudden I was back in my body observing an image of him thumbing through the book that contained all the pictures and moments in my life. I saw images of my childhood I hadn’t remembered in years, pictures of my mother and me walking on a beach and shelling, very strong images. At the time, both during his touch and immediately afterward, I described it as him flipping through the pages of my life....Later the next morning, I spoke with Xaxe about the trance dance. He told

me he wanted access to me in a way that was not possible through a translator....Xaxe's curiosity was such a caring, loving gesture....When he detached from me it felt like someone was unplugging a lamp from a wall socket.

As he let go of me and continued to dance around the fire, I spontaneously burst into uncontrollable tears....I had been stripped to my emotional core, completely stunned by what I had witnessed so up close and personal."

Andrew Zimmern,

The Bizarre Truth: how I walked out the door mouth first – and came back shaking my head

(Random House, 2009), 234-5.

" The American anthropologist Lorna Marshall who, together with her family, worked with !Kung Bushmen in the early 1950s, likened this potency to electricity: it is a power that can be harnessed for the good of humankind, but intense concentration, if allowed to get out of control, can kill people.

Supernatural power -and the dance that activates it - lies behind the rock paintings and engraving, for which the Bushmen are justly famous."

Dr. David Lewis-Williams, 1991 pdf



noncommutative phase secret of Orthodox Early Pythagoreanism

Dear Professor Borzacchini: Thank you for your fascinating new article [Einstein's violin and the cognitive roots of the Scientific Revolution](#). Have you seen the article on Philolaus and Number in the 2014 book, "[On Pythagoreanism.](#)"? [full pdf](#) link:

Also have you seen Alain Connes remarks about music theory?

a "universal scaling system", ... this discrete scaling manifests itself in acoustic systems, as is well known in western classical music, where the two scalings correspond, respectively, to passing to the octave (frequency ratio of 2) and transposition (the perfect fifth is the frequency ratio 3/2), with the approximate value $\log(3)/\log(2) \sim 19/12$ responsible for the difference between the "circulating temperament" of the Well Tempered

Clavier and the "equal temperament" of XIX century music. It is precisely the irrationality of $\log(3)/\log(2)$ which is responsible for the noncommutative

[complementary opposites as yin/yang] nature of the quotient corresponding to the three places $\{2, 3, \infty\}$. -

[Math professor \(Fields medal\) Alain Connes on quantum music as noncommutative time-frequency origin of reality from infinite spiral of perfect fifths!](#)

Our brain is an incredibleperceives things in momentum space of the photons we receive and manufactures a mental picture. Which is geometric. But what I am telling you is that I think ...that the fundamental thing is spectral [frequency]....And somehow in order to think we have to do an enormous Fourier Transform...on geometry. By talking about the "music of shapes" is really a fourier transform of shape and the fact that we have to do it in reverse. Alain Connes, 2012

What do you think of this claim that contradicts Philolaus?

“Orthodox Pythagorean theory recognizes five consonances: fourth, fifth, octave, twelfth, and double octave; and these are represented by the multiple and superparticular ratios $[n + 1 : n]$ from the tetrad. The number 8 obviously does not belong to the tetrad.”

André Barbera, "The Consonant Eleventh and the Expansion of the Musical Tetractys: A Study of Ancient Pythagoreanism," *Journal of Music Theory*, 1984.

My claim is that in fact Orthodox Pythagorean philosophy was based on what Peter Kingsley details as "incubation" meditation with five years of silence as infinite resonance from noncommutative phase.

R. P. Winnington-Ingram's, "Aristoxenos and the Intervals of Greek Music," (1932) as an article "admits that the pre-Platonic theorists used the tone 8:9 to construct a scale, but for some reason is reluctant to attribute this construction to the Pythagoreans."

Do you have any knowledge of these articles and can you comment on them?

So

However, he [Archytas] noted that the product of the arithmetic mean and the harmonic mean is equal to the square of the geometric mean, so this gave a way of dividing the fifth of 3:2 into the product of 5:4 and 6:5.

A Truman State University review on Scriba, Christoph J. "Mathematics and music." (Danish)

Normat

38 (1990), no. 1, 3–17, 52.

This means that the noncommutative phase could not be allowed - the empirical truth of 2/3 as C to F, Perfect Fifth, subharmonic frequency was not allowed!!

But in Daoist alchemy training - it is based on noncommutative phase and this is from the empirical truth of music theory!

This is also the truth of the "three gunas" alchemy meditation in India - from noncommutative phase of music theory!

Eddie Oshins, the quantum physicist, figured this out:

This representation only works for the (more fundamental) 1/2-integral representations (i.e. spinors/turns/quaternions) but also lets one build the vector and tensor representations. The converse does not hold....this property of "noncommutivity" in itself might be valuable in some way.

My claim, and original idea, has been that this is circumnavigating a T'ai Chi (Yin/Yang) symbol! More recently (Oshins, 1993b) I have suggested that this proximate technique can be used to realize Wing Chun kung-fu's "bong sau/tan sau" movement out of the Kauffman/Oshins "quaternionic arm" discussed and referenced below in end note 5.

I believe that this may be a way to get mind to code the relative relationship of part of oneself with respect to the rest of oneself (self-referential motion) and can explain the concepts of being

"centered"/"one"/"integrated"/"extended"/"whole" etc. which one strives for in meditation.

Oshins, E. (1993). Oshins, E. (1993). A test for classical psychospinors.

<http://www.quantumphysics.com/pdf/Test-ClassicalPsychospinors.pdf> In Abdullah, F. (Ed.) *Conservation and Invariance*. Cambridge, UK: Alternative Natural Philosophy Association, London England.

And Louis de Broglie's Law of Phase Harmony is based on this same noncommutative phase secret as the 5th dimension that is "time-like" - just see Astrophysics Professor Paul S. Wesson for details.

Philolaus covered up this truth by using the "double octave" for 9/8 frequency that led to the geometric mean equation of Archytas.

Any comments, questions, criticisms and replies would be appreciated,

thanks,

drew hempel, M.A.

Noncommutative phase is time-like but nonlocal. Time-frequency uncertainty is from noncommutative phase as Basil J. Hiley points out, as Alain Connes points out, as Paul S. Wesson points out, as Hameroff and Penrose points out. Even the multiverse dude - he says that the Big Bang happened from time-frequency uncertainty. If you can go "faster" than Planck's Constant then you create matter from nothing - but quantum assumes a linear operator. Listening as logical inference is nonlinear - and so the de Broglie pilot wave is also noncommutative phase as superluminal nonlocality. Listening is 10 times faster than Fourier Uncertainty! Planck's Constant is an "action" with the time variable hidden within it - as cycles per second. In fact Planck's Constant is just the mean energy of light in one cycle of time - just by dividing frequency of light by cycles per second you get Planck's constant, as Juliana Mortenson points out. So as Gerard t'Hooft points out "Light is Heavy" meaning there is a hidden relativistic mass of light that is superluminal phonon energy. as B.G. Sidharth points out, light has mass due to noncommutative spacetime (noncommutative phase).



Internal Sonofusion

Ultrasonically-controlled stable and inertial microbubble oscillations (acoustic cavitation) exert forces that can, among others, activate cell's mechanoreceptors[1], disrupt cellular and vascular membranes[2]–[4], accelerate the dissolution of blood clots[5], enhance thermal ablation[6], [7] and induce localized tissue erosion[8]. Harnessing these abilities holds great promise for therapy and diagnosis of central nervous system diseases and disorders[9], [10]. This measurement was found to correlate well with the level of blood-brain barrier permeabilization in experiments in non-human primates (NHP)[21]. In a separate study, we showed that the location of cavitation activity identified by the passive acoustic maps (PAMs) agreed with the location of the resulting MRI-evident blood-brain barrier permeabilization[31].

Military PDF - biological effects of acoustic cavitation

"When the eardrum is 'tightened' higher frequencies are absorbed and transmitted to the inner ear..." (Porges)

[August 2015, Cancer is Cured, Jonathan Thomason, googlebook](#)

"Body cells are burned by ultrasound above 180 W/cm squared. But for the pressurized cancer cell, they experience sole content boiling at only 90 W!...So a HIUS causes explosive fragmentation of only our viruses and cancer cells....This will work for all cancers, heart disease, diabetes, MS, IBS, arthritis, and the other diseases of age....The ultrasound cure is a physical cure and so much easier to implement...It was a massive production of heat in response to the ultrasound....Ultrasound wrap the boils off liquid water, by inducing physical molecular nuclear fusion. ...We transform water into helium and oxygen massive energy and gamma radiation....This is modern alchemy....Every biological organism on earth does biological molecular nuclear fusion....Because high powered ultrasound will cure all 200 types of cancer out there....It is possible to use HIUS (high intensity ultrasound) to stave off all diseases of age.

[Jon's blog has more details, he uses a 8 W 1 MHz ultrasonic massage device](#)

[purchased on Amazon](#) and he has been now corroborated - "*2014 First noninvasive thermal ablation of a brain tumor with MR-guided focused ultrasound*" China has successfully treated over 20,000 tumors with MR-guided ultrasound: [pdf](#)

"Focused ultrasound is a noninvasive technique that should be the future for the treatment of many tumors," said Dr. Zhang. "It is important that physicians and patients know about this approach and how patients can benefit from this treatment."

Ultrasound proprioception as the Matrix:

All phenomenal things are first heard - phenomenal things are known via sound; sights are seen via sound; scent is via sound; taste is known via sound - knowing is via sound. It is via sound that sound is known. "Shabda" [sound] - meaning: "Sh[a]" = Shiva + "b[a]" = throat + "d[a]" = the door at the region of the anus - all the sounds that resonate from the magnetism of the mortal body down to that point...and by which anything is cognized - that is what is called "shabda."

Yogiraj Sri Sri Shyama Charan Lahiri Mahasaya

Tamil Tirumantiram excerpts

They traverse the spheres of sun and moon, pingala and ida, and see visions of past, present, and future. And in that full moon day the nectar, amrita, ripens. Until lowering into the external mind from kundalini heights, time stands still. 875
It is the light of Shiva that beams jnana....It is the light born of constant awareness of the pure sound Aum. 2686



On Pythagoreanism music healing - 2013 - 2015

[On Pythagoreanism - full book pdf](#)

[Dr. Lisa M. Wong on Music for Healing - youtube](#)

[The Perfect Fifth -- The Science and Alchemy of Sound pdf](#)

by John Beaulieu

"The 'demusicalization' of the theory of proportions by Plato is shocking." (Borzacchini, p. 281 of his academic article on the topic, "*Incommensurability, Music and Continuum: A Cognitive Approach*").... "...this 'removal' seems really astonishing!"

Then Borzacchini pulls out his trump card: "However, I think I can prove that in the Platonic Academy there was a trace of this earlier approach, with a tight connection between music, numerical means and similarity, and without any reference to geometric figures, such as square or pentagon." Borzacchini, again, is revealing a cover-up: "Why these silences? And why this sudden and radical change?" (hiding the secret musical origins of western science!). "Why this sharp change? I think the first reason was that *the musical proof was only negative*, whereas the geometrical approach allowed the effective construction of incommensurable magnitudes."



The Big Wow: End of Quantum Cosmic Inflation=Self-Consciousness

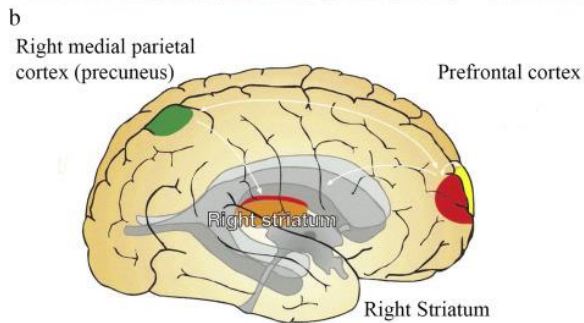
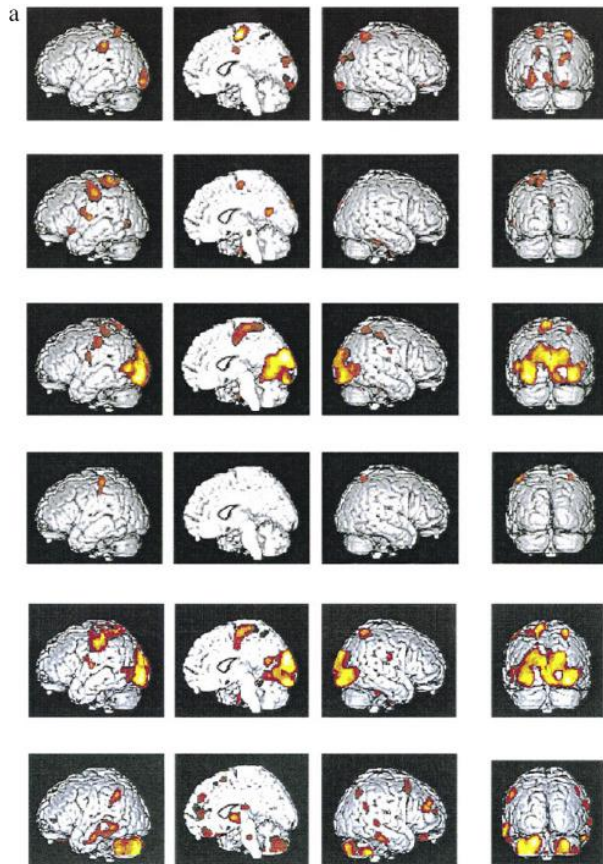
The Big Wow theory is the colloquial name for a paper by Italian theoretical physicist [Paola Zizzi](#) entitled "Emergent Consciousness; From the Early Universe to Our Mind" [gr-qc/0007006](#) which proposes the possibility that the early [universe](#) comprised a giant [quantum computer](#) with a complexity comparable to that of the [human brain](#). Specifically; she states that the universe reached a level of

quantum computational complexity, during the period of [cosmic inflation](#), to undergo what [Penrose](#) and [Hameroff](#) have called Orchestrated Objective Reduction, or [Orch-OR](#), allowing the [emergence](#) of [consciousness](#). Zizzi's paper builds on the work of [Whitehead](#), [Chalmers](#), and others, as well as Penrose and Hameroff, but it is fundamentally a theory of [Loop quantum gravity](#) which derives some of its power from the [Holographic Principle](#). It suggests that the universe's conscious moment, or 'occasion of experience' came at the end of the inflationary period in [physical cosmology](#), and was the event that allowed the universe's quantum [state vector](#) to reduce, thus selecting the conditions for our specific universe, out of a superposed multitude of possibilities.

[This is a totally fascinating analysis.](#)



right medial parietal cortex (precuneus) activated in meditation and the control state



Precuneus as the "hidden observer" or awareness



Hidden Observer as the Cognitive Unconscious

There is also a cross-modal circuitry between auditory and somatosensory regions (Dehner, Keniston, Clemo, & Meredith, 2004). Sound can induce phosphene light perception (a kind of optical illusion) (Lessell & Cohen, 1979). Thus, the phosphene phenomenon can also be associated with

multisensory processes and signal integration between the primary visual cortex and the primary auditory cortex (Bolognini, Convento, Fusaro, & Vallar, 2013).

[The “Hidden Observer” as the Cognitive Unconscious During Hypnosis \(PDF Download Available\).](#)

It is remarkable that both the precuneus as well as the visual areas (cuneus) acts as special hubs in the brain which seem to play central roles in hypnotic state.

- Hilgard’s “neodissociation theory” suggested that during hypnosis the conscious mind dissociates from what happens during hypnosis (Hilgard, 1973, 1977).

Hilgard also proposed

the “hidden observer” idea that states that during hypnosis a separated consciousness is formed in an individual’s mind which is capable of observing the individual.

The dissociation (or special state) under hypnosis can be “computationally” closely related to the precuneus that reconfigures the voluntary (conscious) and unconscious circuits via internal multisensory representations generated through suggestion and imagery.

Abhinavagupta on Spanda vibration

...there always arises a spontaneous sound (*dhvani*) which is termed the supreme, the Heart. That self-consciousness in the Heart in which the entire universe without remainder is dissolved, present at the beginning and at the end of preception of objects, is called in the authoritative texts the vibration (*spanda*), and more precisely, the universal vibration (*samanya-spanda*), and its nature is an overflowing in the Self. For that vibration, which is a slight motion of a special kind, a unique vibration light, is the wave of the ocean of consciousness, without which there is no consciousness at all.

The Triadic Heart of Siva pdf

Heart of the Spears healer

Soon someone in the group so fills with n|om that she “wakes up” (!aia) and begins to shake (thara). The one who shakes moves through several “stations” of n|om: first she feels power; then she feels a big love for all present that manifests both as an ability to see the suffering of others and as a desire to respond, touch,

and “pull out sickness.” A rare few progress to a third station in which they feel a love so all encompassing that they are able to shoot n|om into others, awakening their hearts to more love. Such a person is a Heart of the Spears.

As the !Kunta Boo tells: “There is something acting on everything to change. We call this force of change n!o’an-ka|’ae. This is the most important Bushman word. It is the force that is making everything move... the secret of creation and transformation” (53).

For the Bushmen, these arrows and needles are compressed n|om, potent bundles of life force.

When our nails are clean and strong, we feel a vibrant buzzing and hear an uplifting tonal hum inside of us. There is always music in our heart and head” (12).

Dr. Kimerer LaMothe, Psychology Today review

Presbyterian preacher of 1850s

the 19

th

Century revivalist preacher Charles G. Finney, call it the Holy Spirit. Finney describes his experience of being spiritually cooked:

“...the Holy Spirit descended upon me in a manner that seemed to go through me...like a wave of electricity... Indeed it seemed to come in waves and waves of liquid love; for I could not express it in any other way. It seemed like the very breath of God.”

quoted by Dr. Bradford Kinney

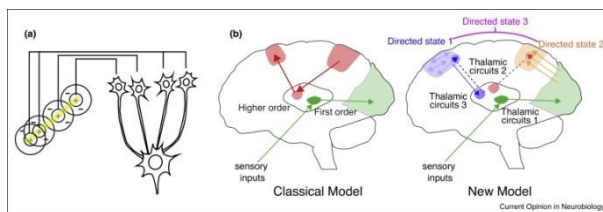
The Bible represents the Spirit as giving to the mind both light and heat. It both illumines and impresses; both reveals the truth, and makes it seem real, and hence makes it effective as truth, upon the mind. Hence the fitness of the figure which on the day of Pentecost, presented the descending Spirit under the symbol of “cloven tongues like as of fire.” Hence also the figure implied in our text—“Quench not”—as if it were a candle flame,—a fire, which might be extinguished. It is the office-work of the Spirit to enlighten the intellect, and at the same time to warm the sensibilities. This is indeed a most remarkable fact, that when the Spirit of God reveals light, it is done in a manner which always warms the sensibility.

Many seem not to realize the nature of the Spirit's operations, the possibility always of resisting, and the great danger of quenching that light of God in the soul.

Again there is, so to speak, a sort of heat, a warmth and vitality attending the truth when enforced by the Spirit. Thus we say if one has the Spirit of God his soul is warm; if he has not the Spirit, his heart is cold.

This vital heat produced by the divine Spirit may be quenched. Let a man resist the Spirit, and he will certainly quench this vital energy which it exerts upon the heart.

Charles G. Finney



Pineal Gland third eye thalamus



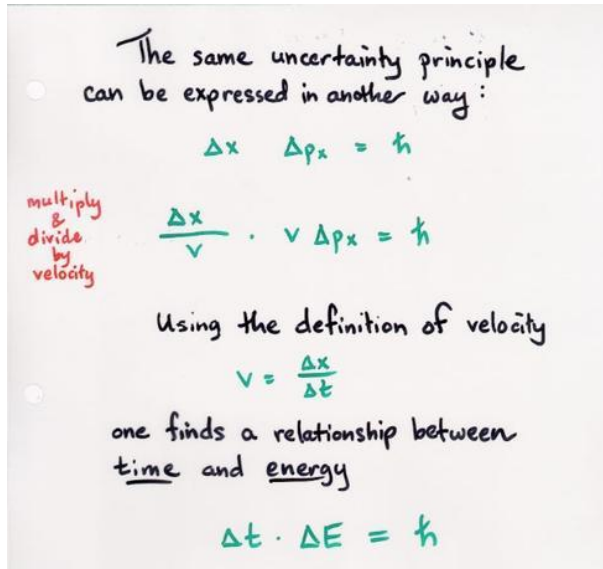
thalamus-pineal gland secret controls prefrontal cortex

Thalamic amplification of cortical connectivity sustains attentional control

Overall, our results define a previously unknown principle in neuroscience; thalamic control of functional cortical connectivity. This function, which is dissociable from categorical information relay, indicates that the thalamus has a much broader role in cognition than previously thought. [May 2017](#)



The Planckian Black Hole quantum consciousness



Because Momentum = $p = h/\lambda$



Worm consciousness

What it feels like to be a worm? Secret of Kundalini: Neuroscience on consciousness:

Parsimony suggests that the sudden onslaught of positively-charged ions (cations) into the alkaline cytoplasm—the very definition of membrane excitability—is the key phenomenon involved in a cell’s “awareness” of its environment (“sentience”). In other words, what makes cells with excitable membranes so unusual is their response to electrostatic disturbances of homeostasis (slight acidification of the normally alkaline cellular interior) following external stimulation. In order to produce the higher-level “awareness” of animal organisms, the activity of these numerous excitable cells to achieve a kind of sentience must be synchronized (in ways yet to be determined) for coherent organism-level behavior....

This positively charged electrostatic “shock” signals the detection of potential danger (most critically, rupture of the plasma membrane and the influx of slightly acidic “seawater”) that occurs in milliseconds....

We therefore suggest that the higher-level awareness of animal organisms is, in essence, a consequence of the coordinated “irritability” of billions of excitable

cells....

So it can't just be that cations flowing into the cell are what matters, but the overall causal effect the inflow of charged ions has on the system....

I do share with the letter writers a hunch that it may well be that "it feels like something to be a worm".

Scientific American

By

Oliver Sacks

Antonio Damasio

Gil B. Carvalho

Norman D. Cook

Harry T. Hunt

Christof Koch

on June 17, 2015

Nature journal 2014 - microsound phase wavelength with ultrasound frequency is natural sweet spot for quantum healing at distance



noncommutative time-frequency as non-local proto-consciousness

Specifically, William Tiller's "Reciprocal sub-space" (where magnetic currents might travel faster than the speed of light) could perhaps logically be well-described by taking the reciprocal of each of the conventional four dimensions, much as Rauscher and Targ have proposed for explaining precognition. And because the *reciprocal* of time t is $1/t$, which in common physics we recognize as Frequency, Schild renames Tiller's "reciprocal subspace" as "Frequency sub-spacetime".

[Non-Locality, Cognition, and Cosmic Structures](#)



Secrets of Yuan Qi (female formless awareness) as the movement of non-doing of Yuan Shen

>When t'ai chi is at rest, yang and yin are united;
when t'ai chi is in motion, the two opposing forces separate. Herein
lies the secret of immortality.

The Magus of Java: Teachings of an Authentic Taoist Immortal (on John Chang).

"The whole process is ruled by Spirit....It's movement in 'non-doing' is called
Original Spirit." Wang Mu, *Foundations of Internal Alchemy*.

The primal qi (li yuanqi) ...formless

"Since is it the undivided yin-yang it is called the One Vitality."

The standard translation "the ultimate nonbeing" (Chan, 1963; Neville 1980) or
"Ultimate of Nonbeing" (Zhang, 2002) has actually reversed the Chinese word
order, and renders it as *jiwu* - the ultimate *wu*.

Neo-Confucianism: Metaphysics, Mind, and Morality

[JeeLoo Liu](#)

John Wiley & Sons, May 19, 2017

When Chaos was dark, <>the yin-yang air was undivided;

In this more advanced practice, both agonist and antagonist contract
simultaneously - the first isotonicly in shortening, and the latter eccentricly in
lengthening, in effect they work against each other and create a dynamic tension
between the paired muscles.

internal oppositional exertion....is more than anything a mental shift in
awareness....such omni-directional mutually cancelling efforts engage the

connective tissue web continually, they increase the elastic strength of the frame even while an external observer discerns no apparent movement.

Citing the book

Masters of Perception: Sensory-Motor Integration in the Internal Martial Arts.

by Jan Dipersloot

Vol. 3, 2013.



Contrary to the claims of Jan Irvin on the Trivium: The true meaning of Logos is Pythagorean alchemy

From my University of Minnesota 2000, master's thesis, *Epicenters of Justice: Sound-current nondualism, music theory and radical ecology.*

“The first four divine number ratios (1, 1:2, 2:3, 3:4), equivalent to the vital energy of Taoist qi gong, are considered the “seed of fire,” the “creative essence,” and “logos,” by Pythagoreans.”

citing Grandy, David. 1993.

The Musical Roots of Western Mathematics, Journal of Interdisciplinary Studies V (½): 3-24.

Jan Irvin incorrectly cited Freemason Albert Pike's book

Morals and Dogma:

page 861 [does not] proclaims the Royal Secret of the Sublime Prince is found in the understanding of the Pythagorean 5-4-3 right-angled triangle. Jan Irvin states:

Another curious artifact is found as the conclusion to Albert Pike's magnum opus, *Morals and Dogma*, where on page 861 he proclaims that the Royal Secret of the Sublime Prince is found in the understanding of the Pythagorean 5-3-4 right-angle triangle: The 5 representing the 5 senses, the 3 representing the Trivium (Grammar Logic Rhetoric), and the 4 representing the Quadrivium (Mathematics, Geometry, Music, Astronomy). It is in observing with our 5-senses, that we process this input using the Trivium, and quantify our reality using number in its many forms via the Quadrivium, as a measure of understanding.

The book is 861 pages long and that supposed proclamation does not exist. "The number 5 designated the universal quintessence, and Symbolized, by its form the vital essence, the animating spirit which flows [serpentat] through all nature." p. 377 *Morals and Dogma*. I can't find any mention of the number 5 as the five senses nor the 5:3:4 correlated with the Trivium and Quadrivium.

Jan gave me this quote as a response:

"In his lectures, Pythagoras taught the mathematics, as a medium whereby to prove the existence of God from observation and by means of reason; grammar, rhetoric, and logic, to cultivate and improve that reason, arithmetic, because he conceived that the ultimate benefit of man consisted in the science of numbers, and geometry, music, and astronomy, because he conceived that man is indebted to them for a knowledge of what is really good and useful. He taught the true method of obtaining a knowledge of the Divine laws of purifying the soul from its imperfections, of searching for truth, and of practicing virtue; thus imitating the perfections of God."p. 243

But that quote does not refer to the Pythagorean triangle and it's not on page 861. Instead it's in a different, revised edition of fewer pages, 574. That same revised edition does give a reference to the Pythagorean triangle near the end of the Albert Pike book which states:

The base, measured by the number 3, represents the Diety and the Divine; the perpendicular measured by the number 4 represents the Earth, the Material, and the Human; the hypotenuse, measured by 5, represents that nature which is produced by the union of the Divine and Human, the Soul and the body;" p. 573 and then p. 574 the final page of that edition states:

As in each Triangle of Perfection....such is the true Royal Secret....

But again Albert Pike no where says that 5 is the 5 senses, etc. So Jan Irvin has incorrectly referenced Albert Pike. But Jan does get a reference to the 5-4-3 triangle with the royal secret as the final page of that edition! So that must be his original source - only misrepresented by Jan Irvin.

O.K. so my point is that actually the secret esoteric meaning of that is from music theory with the meaning of the Logos as the Tetrad or Tetraktys (τετρακτύς) 1:2:3:4 and it was extended by Archytas to 1:2:3:4:5. This was a lie spread by Plato and then spread through Europe by John Scotus Erigena and later by Marsilio Ficino and then the Freemasons.

“Any who doubt that the musical ratios are all of greater inequality, i.e., that the antecedent or first term in each is greater than the consequent or second term, should consult Archytas DK 47 B 2. This Fragment *requires* that the ratios be of this form if the assertions about the three means [arithmetic, harmonic and geometric] are to be true. Accordingly, the ratios assigned to the octave, fifth, fourth and minor sixth, must be 2:1, 3:2, 4:3 and 8:5, and not 1:2, 2:3, 3:4 and 5:8, respectively, as Mosshammer and others would have them.”

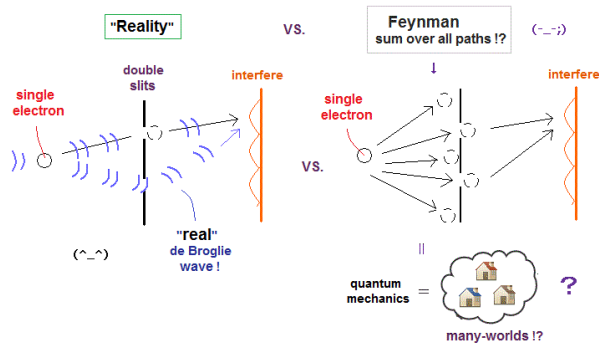
Alan C. Bowen, "The Minor Sixth (8:5) in Early Greek Harmonic Science," *The American Journal of Philology*, 1978.

As math professor Luigi Borzacchini states:

We can suppose that the *Quadrivium* in its earlier Pythagorean version did not know any discrete/continuous opposition.



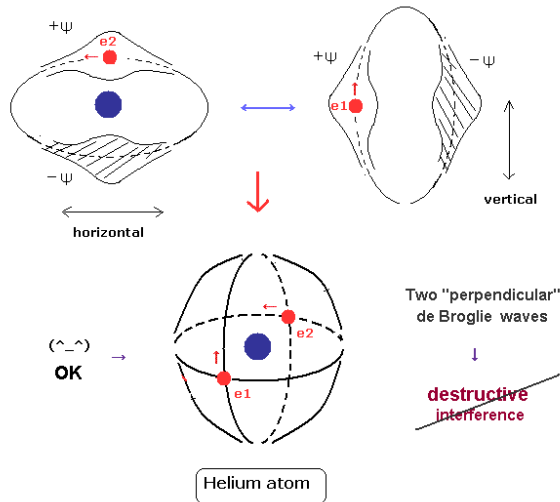
**The only way to fix it is we admit some real "medium", which relativity rejected.
Medium moving w**



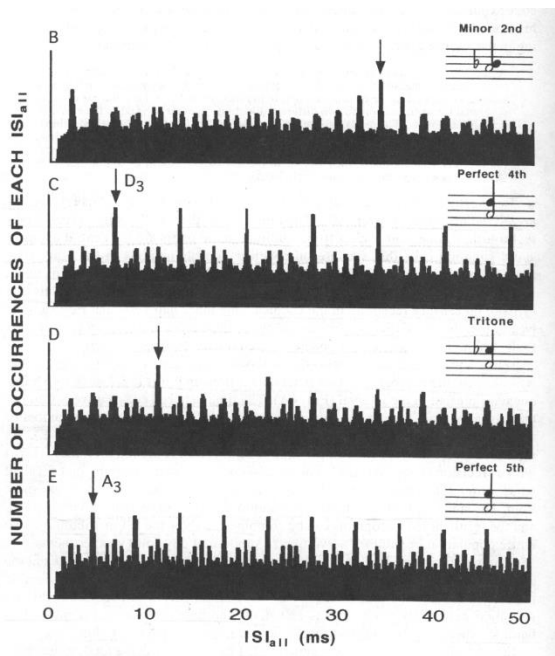
Truth of non-local reality from superluminal phase wave



Perpendicular Phase so no destructive interference of opposite phase!



How de Broglie phase waves explain Pauli Exclusion Principle



Brain neurological synchronization amplitude strongest from Pythagorean Consonance



Quantum noncommutative phase secret of biology

The most frequently used intervals—the octave,

perfect 5th and 4th—correspond to those considered the most consonant by culturally diverse listeners (Bowling & Purves, 2015; Burns, 1999), an observation

that is all the more impressive given that the frequency resolution of the human auditory system is sufficient to distinguish hundreds of unique intervals (Parncutt, 1989; Roederer, 2008).

[*The Nature and Nurture of Musical Consonance \(PDF Download Available\).*](#)

A biological rationale for musical consonance

The basis of musical consonance has been debated for centuries without resolution. Three interpretations have been considered: (i) that consonance derives from the mathematical simplicity of small integer ratios; (ii) that consonance derives from the physical absence of interference between harmonic spectra; and (iii) that consonance derives from the advantages of recognizing biological vocalization and human vocalization in particular. Whereas the mathematical and physical explanations are at odds with the evidence that has now accumulated, biology provides a plausible explanation for this central issue in music and audition.

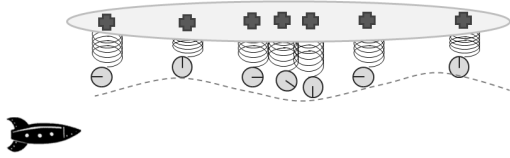
[*A biological rationale for musical consonance \(PDF Download Available\).*](#)

Finally, the importance of harmonics in tone perception is supported by auditory neurobiology. Electrophysiological experiments in monkeys show that some neurons in primary auditory cortex are driven not only by tones with fundamentals at the frequency to which an auditory neuron is most sensitive, but also by integer multiples and ratios of that frequency (38). Furthermore, when tested with two tones, many auditory neurons show stronger facilitation or inhibition when the tones are harmonically related. Finally, in regions bordering primary auditory cortex, neurons are found that respond to both isolated fundamental frequencies and their associated harmonic series, even when the latter is presented without the fundamental (39). These experiments led Wang to propose that sensitivity to harmonic stimuli is an organizational principle of the auditory cortex in primates, with the connections of at least some auditory neurons determined by the harmonics of the frequency they respond to best (40).

[Biological rationale for musical consonance](#)



Louis de Broglie (de Broy) Law of Phase Harmony



Infinite wavelength with superluminal phase (dotted wave) is relativistic from particle (disk) frame of no motion



Increased Pineal Gland Activation during Qigong Meditation Proven by fMRI!

Correlation between Pineal Activation and Religious Meditation Observed by Functional Magnetic Resonance Imaging

Chien-Hui Liou, Chang-Wei Hsieh, Chao-Hsien Hsieh, Si

-Chen Lee, Jyh-Horng Chen, & Chi-Hong Wang

Interdisciplinary MRI/MRS Lab, Department of Electrical Engineering, National Taiwan University, No. 1, Section 4, Roosevelt Road, Taipei, Taiwan 106, ROC.

Anthro-Celestial Research Institute, The Tienti Teachings, No. 41, Wenjeng Lane, Jungming Tsuen, Yuchr Shiang, Nantou, Taiwan 555, ROC.

Department of Electrical Engineering, National Taiwan University, Taiwan, ROC.

Department of Neurology, Cardinal Tien Hospital Yung Ho Branch, No. 80,

Chunghsing Street, Yungho City, Taipei, Taiwan 234, ROC.

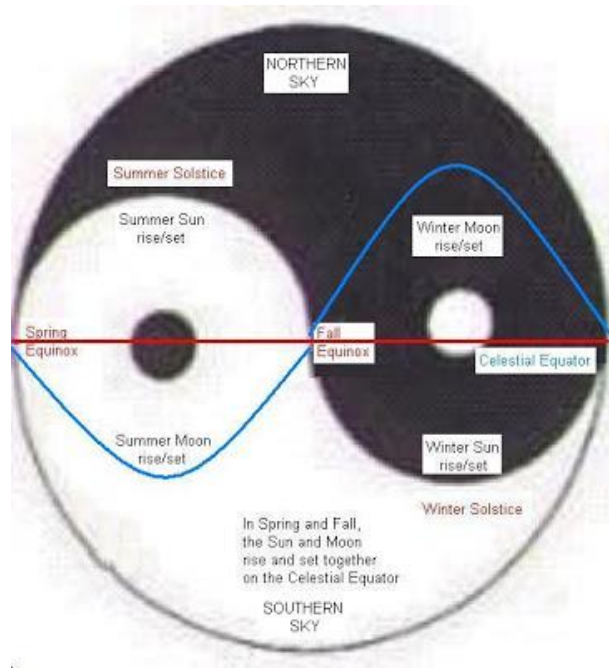
Nature Precedings : hdl:10101/npre.2007.1328.1 : Posted 15 Nov 2007

pineal body exhibit significant activation during meditation process, supporting the long lasting speculation that pineal plays an important role in the intrinsic awareness which might concern spirit or soul.

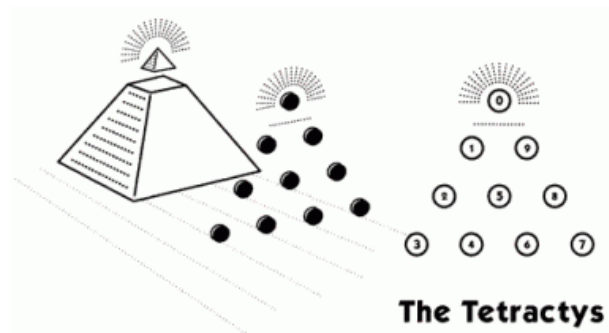
. In this study, we chose *Chinese Original Quiet Sitting*, one style of meditation, to explore this long lasting speculation by functional magnetic resonance

imaging technique. Our results demonstrate a correlation between pineal activation and religious meditation which might have profound implications in physiological understanding of the intrinsic awareness.

pineal body was activated during the IPQ period. [Invitation of Primordial or Yuan Qi].



Natural Resonance Earth-Sun-Moon harmonics



Pythagorean Pyramid (creative Fire-Pyre) alchemy



Original Human tantric N/om kundalini healing secret

Dr. Keeney has written several amazing Bushmen healing books and Keeney emphasizes the key secret of the legs shaking at 7 beats per second from the trance dancing to induce the N/om energy along with listening to the high pitch female syncopated singing with the N/om energy strongest during the Full Moon. So the oldest spiritual trance dance healing ceremony of humanity, the Eland Bull ritual at first menstruation, is based on this tantric secret:

"...a 'new maiden' to be the source of n/um (or /k'ode), the healing potency associated with male trance healers"

p. 175 *Guenther, Mathias, Tricksters and Trancers: Bushman Religion and Society*,. Bloomington and Indianapolis, Indiana University Press, 1999

"The resurrection of Osiris through the assembly of his vertebrae by Isis....The raising of the djed column commemorates this, ...Christ's resurrection....king of the afterlife." p. 350, *Christ in Egypt: The Horus-Jesus Connection* by D.M. Murdock

" The American anthropologist Lorna Marshall who, together with her family, worked with !Kung Bushmen in the early 1950s, likened this potency to electricity: it is a power that can be harnessed for the good of humankind, but intense concentration, if allowed to get out of control, can kill people.

Supernatural power -and the dance that activates it - lies behind the rock paintings and engraving, for which the Bushmen are justly famous."

Dr. David Lewis-Williams, 1991 pdf

BUSHMEN, a changing way of life.

"You see spirits killing people. You smell burning, rotten flesh. Then you heal, you pull sickness out. You heal, heal, heal. Then you live."

Healing Makes the Heart Happy



Biophoton healing is real

Dr. Rajendra Bajpai goes into detail about the photomultiplier measuring parameters for the definition of consciousness - it is the spontaneous emission of coherent light waves. The photons are "squeezed light" meaning defined as quantum non-commutative time-frequency consciousness. Using his methodology Dr. Bajpai says he can actually measure how a healer transfers his coherent light to a patient and then the patient's light becomes coherent while

the healer's light is now incoherent. Then the healer may take an hour or whatever to be able to "re-attune" their light. Dr. Bajpai says this method directly measures how we are all tuned to each other! EPA Van Wijk, R Van Wijk, RP Bajpai

Indian journal of experimental biology 46 (5), 345 [2008 pdf Quantum squeezed state analysis of spontaneous ultra weak light photon emission of practitioners of meditation and control subjects](#)

Research on human ultra-weak photon emission (UPE) has suggested a typical human emission anatomical distribution pattern. It was demonstrated that emissions are lower in long-term practitioners of meditation as compared to control subjects.

And to those who try to dismiss biophotons as just a chemical reaction of the body, Dr. Bajpai did an experiment with hydrogen peroxide to show the body reacts with a quantum coherent biophoton signal for an hour - and the signal would decay exponentially if it was just a classical chemical reaction but it remained a quantum coherent reaction for an hour. Dr. Bajpai says this is the body biophoton consciousness self-healing against the chemical invasion. So then Dr. Bajpai emphasizes that even though this is just biophotons the information is entangled with the matter of the body and so even from a distance there is entanglement with the body. Dr. Bajpai is saying that biophoton harmonization of coherency is like then being a real oracle just like in ancient times whereas modern medicine that says just "cut out" the body part is more like witchcraft that is not as good as biophoton medicine. Then Dr. Bajpai points out that the biophoton field can be detected by living matter like fish eggs and frog eggs detecting each other. [[this study](#)]

An anonymous Daoist alchemy master said:

The Spirit of Heaven is issued from the Sun, the Spirit of Man is issued from the eyes. Wherever the eyes go, the Heart also goes.

Therefore when the alchemical masters sit to practice, they coagulate Spirit and stabilize breathing, press the tongue lightly against the upper palate, concentrate the Heart and the eyes inwardly, look down at their Cinnabar Field, and can rapidly enter the state of quiescence.

Certain meditative states characterized by a high degree of coherence in the EEG may well be accompanied by a high degree of coherence in the biophoton field [9],...Vertebrate neurons show typically filamentous mitochondria associated with

the microtubules (MTs) of the cytoskeleton, forming together a continuous network (mitochondrial reticulum) [79]. The rapid movements of mitochondria are MT-based. ...Furthermore, MT [microtubule] polymerization is sensitive to UV [84] and blue light [59] and mitochondria are known to be sources of biophotons corresponding to the same wavelengths [8,34,98], which makes an immediate logical connection.... mitochondria emit light into MTs. ...When in coherent states, the biophotons are absorbed via biomolecules and when in the ground state, the biophotons are absorbed via the vacuum. In this model, the information can be restored from the vacuum, and conscious states can be repeated as before....biophotons can help MTs support coherent states....Very recently, Gardiner et al. [25] reviewed the evidence for neurotransmitters regulation (i.e. serotonin, melatonin, dopamine, glutamate, glycine, and acetylcholine) of the MT cytoskeleton. They postulated that MTs may play a direct role in propagating action potentials via conductance of electric current....When the eyes start to be opened, the incident numbers of photons into the eyes increases and according to the diagrams in Figures 4 and 6 the amplitudes [of Alpha-EEG] are reduced...this interaction is not only limited to the external incident photons with MTs....The argument for connection between Alpha-EEG diagrams and MTs [microtubules] activity is their similar behavior in increasing and decreasing of amplitudes of fluctuation function for MTs and potential difference in EEG in response to the intensity of photons. This similarity during opening and shutting of the eyes indicates a significant relation between the EEG diagrams and the fluctuation function.

[2010 pdf](#)

Increased photon emission from the head while imagining light in the dark is correlated with changes in electroencephalographic power: support for Bókkon's biophoton hypothesis.

Neurosci Lett. 2012 Apr 4; B T Dotta, K S Saroka, M A Persinger

Dotta, K S Saroka, M A Persinger. Increased photon emission from the head while imagining light in the dark is correlated with changes in electroencephalographic power: support for Bókkon's biophoton hypothesis. *Neurosci Lett.* 2012 Apr 4 ;513(2):151



entanglement as coherence healing

König uses Charon's model of electron black holes storing virtual photon information to explain homeopathy. So by shaking the medicine this creates electrostatic energy which gives off the photon information which is then stored in the electrons. So then even if the medicine is greatly reduced the virtual photon information is still stored in the electrons. He says the DNA has the job of distributing electromagnetic energy in the cell with 90% of the electromagnetic energy concentrated in the DNA in the center of the cell. The photons control the metabolic processes in the cell but the shell of the cell is like a guitar body - it resonates and amplifies the photon energy. The tune is called by the electrons which then emit and absorb the photons. This aligns with the Yuan Qi and Yuan Shen model also. I quoted Charon in my master's thesis: [here](#)

Both the electron and the black hole [i.e. extremely dense matter with zero beats] are characterized by totally curved space and by curved time. This means that the time of electrons and of black holes is opposite to our 'material' time, which moves on a straight line from past to present to future. This, in turn, may imply that if entropy grows in the 'material' world, then in the world of electrons (and black holes) precisely the opposite force might grow, the force of negentropy.

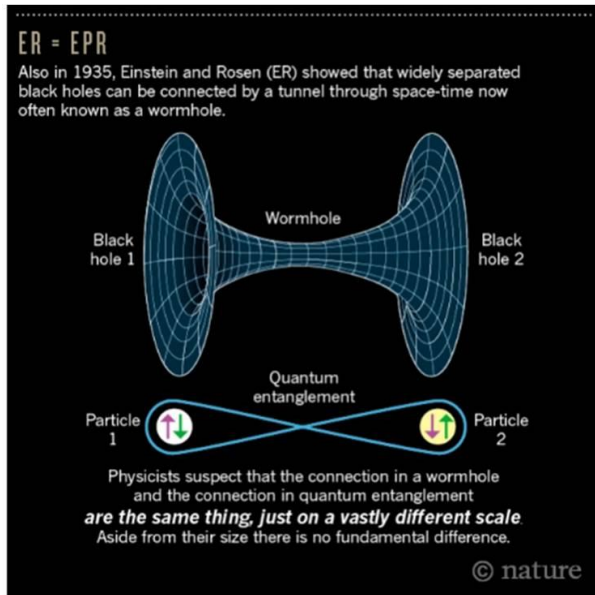


Virtual Phonons - secret of Yuan Qi energy

Fröhlich effect can also follow in the latter case with the pumping source being an antenna emitting ultrasound signals. A Davydov soliton, distinctly from the regular dispersive sound waves, travels long distances unaltered and nearly undamped, which can be of particular interest for improving detection in ultrasonography. An interesting additional complex behaviour follows, consisting in that when the soliton propagates with velocity larger than that of the group velocity of the normal vibrational modes, there follows a phenomenon akin to Cherenkov effect in radiation theory, namely a large emission of phonons in two symmetric cones centred on the soliton; this allows to interpret the so-called X-waves in ultrasonography as this Fröhlich-Cherenkov effect [[14](#),[15](#),[16](#)].

[Self-organizing Phonons as consciousness](#)





Tai Chi=ER=EPR=micro black hole=quantum entanglement wormhole



Pythagoras as Snake-master N/om energy

Chronos was the Orphic name for, according to Pythagoras, the serpent psyche of the Universe, derived from "Time Unbounded" in Iranian Zurvan philosophy - *Chronos Aion*. Aion was the "procreative fluid with which psyche was identified, the spinal marrow believed to take serpent form." (*Hamlet's Mill* citing Onians). The classicist Richard Broxton Onians documents the Pythagoreans defining [the heart as "the breath that was consciousness in the chest."](#)



Noncommutative Phase as secret original music healing

Biosonics focus on Nitric Oxide

as yin-yang Perfect 4th/5th music healing

[The Perfect 5th -Stress Reduction in Under 30 Seconds](#)

and [BioSonics, Stress Science, and Nitric Oxide1Literature Review pdf](#)

As arising from the Diapason or Tai Ch'i of the Wu Chi (the void), Beaulieu comments, "the fourth and fifth work together as yin and yang...The fifth and the fourth are the basis for the 1-4-5 chordal progressions found throughout music of all cultures."

John Beaulieu, *Music and Sound in the Healing Arts*, (Barrytown, NY: Station Hill Press, 1987) p. 47. While the chords are not inherently universal the intervals are



Conspirachi: Secret Daoist-Pythagorean Music origin

“harmonious sound is formless” (hesheng wu xiang) and “sound lacks constancy” (yinsheng wu chang), both of which point to two types of phenomena and both of which reveal Ji Kang's reverence for Daoist naturalism....

Thus, we see yet again in Ji Kang's thought an adherence to Daoist principles of universal harmony through quiet non-deliberation (wuwei) as seen in Laozi's notion that “the highest note cannot be heard” and Zhuangzi's preference for “patterning oneself after heaven.”....

one could even argue that music is not comprised of sound at all, for if we are to follow the logic of Zhuangzi, all sounds are a form of natural music (breath) whose notation and composition lies beyond the comprehensive capacity of the human mind....Ji Kang believes that the five tones (wu yin) [from the Perfect Fifth/Fourth as yang/yin] came into being through the natural realm of heaven and earth and that there is one unchanging essence.

Musical Naturalism in the Thought of Ji Kang [David Chai 2009](#)

The Orphic Cosmic-Egg Snake is, according to the amazing book *The Origins of European Thought: About the Body, the Mind, the Soul, the World, Time, and Fate* by Richard Broxton Onians, Cambridge University Press, 1951: pp. 118-122 - Pythagorean alchemy secrets of the consciousness conspirachi from 5th C. BCE!

["begotten by a wind...a breath-soul...harmony...drawn from the whole body...gathers in the spinal marrow...most of it flows from the head...a Pythagorean quoted, 'that the](#)

seed....generative water of the marrow [aka cerebrospinal fluid].... that breathes through the reproductive organ.... is a drop of the brain containing in itself warm vapour....the union of the two serpents represent the life complete by the union of the male and female'.... (googlebook)



90% of our "external" perception is internally created

Center of Brain, I of the Vortex, 90% internal subjective information

But for each one of these fibers that go from the thalamus to the cortex, there are 10, or sometimes 99, that, from the cortex, return to the thalamus forming a spiral activity. It means that the external stimuli are only 1% or 10% of information that, like the sands, arrives from the objective - outer world - by senses while internal and subjective brain state is a vortex that contributes with 99% or 90% of brain information.

Dr. Rodolfo Llinas, *I of the Vortex*.

healthy dose of oxidised cholesterol (known as oxysterol) is indispensable in promoting the development of the human stem cells that make dopamine. [here](#)

So it is key to sublimate the lower body energy to increase the power of the mind: Increased cholesterol then increases testosterone, and increases adrenaline which increases dopamine, our willpower.

"The brain consumes a great amount of energy doing nothing. It's a great mystery of neuroscience," Kozloski told *PopSci*. He argued that around 90 percent of the energy used by the brain remained "unaccounted for".



Microsound phase is high pitch ringing as ultrasound healing

The researchers claim to have found a sweet spot in the 2-3 MHz range, [ultrasound] where the normally slower mechanical vibrations (usually associated with protein folding) of tubulin monomers and polymers overlapped with the typically higher intrinsic electromagnetic vibrations of the molecule. [Hidden information-processing networks in the skeleton of cells](#)

However, there are 30000 and above proteins working relentlessly in our body, the "common frequency point" [ultrasound] if it exists for all proteins, would open up a possibility to remotely cure diseases. [Nature 2014](#)

Monitoring neural vascular function with Doppler ultrasonic imaging provides unexpected support for the brain ultrasound demodulation theory. When the imaging beam was focused at the center of the brain, patients reported hearing a high audio sound, much like tinnitus. When the ultrasonic beam was directed at the ear, the sound disappeared. Setting the brain into resonance resulted in a clear high-pitch, audible sensation consistent with brain resonance in the 11- and 16- kHz range....Because ultrasound produces high audio stimulation by virtue of

brain resonance, the direct use of high audio stimulation is more economical in power requirements and still stimulates the brain at resonance.

Dr. Martin L. Lenhardt, "Ultrasonic Hearing in Humans: Applications for Tinnitus Treatment," International Tinnitus Journal, Vol. 9, No. 2, 2003, p. 3 and p. 6.



Stereophonic hearing as quantum coherence

The clue to both binding and segmentation is in the accuracy of phase agreement of the spatially separated brain activities. That implies the nervous system (or the body field) can accurately detect phase, and is also able to control phase coherence. I have already alluded to the importance of phase information in coordinating limb movements during locomotion and other aspects of physiological functioning, so it is not surprising that the nervous system should be able to accurately detect phase. The degree of precision may be estimated by considering our ability to locate the source of a sound by stereophony. Some experimental findings show that the arrival times of sound pulses at the two ears can be discriminated with an accuracy of a very few microseconds [1]. For detecting a note in middle C, the phase difference in a microsecond is 4.4×10^{-4} . Accurate phase detection is characteristic of a system operating under quantum coherence. Could it be that phase detection is indeed a key feature of conscious experience?

Dr. Mae-Wan Ho

The wide range of frequencies in an organism is just fantastic. In my book, I say that it's like 70 doublings of the octave. I use the analogy of 'quantum jazz' to express the quantum coherence of the organism. It goes through a fantastic range of space and time scales, from the tiniest atom or subatomic particle to the whole organism and beyond. Organisms communicate with other organisms, and are attuned to natural rhythms, so they have circadian rhythms, annual rhythms, and so on. At the other extreme, you have very fast reactions that take place in femtoseconds. *And all these rhythms are coordinated*, there is evidence for that.... Imagine a *huge* jazz band of musicians making music, from very small instruments to the very large, playing very fast to very slow, with a musical range of 70 octaves. They are improvising from moment to moment, spontaneously and

freely; and yet keeping in tune and in step with the whole. That is the ultimate quantum coherence....The fully quantum coherent state would be quantum coherence of n order, n being a very large number approaching infinity. This state is only reached rarely, perhaps once or twice in a life time, for some of us, or maybe not at all [nirvikalpa samadhi or the Taoist Emptiness as the Tai Chi]....I have no doubt that at least some of the more esoteric things people ascribe to quantum effects are real, such as instantaneous communication at a distance, remote healing, etc. But we can push the boundaries from the very conventional toward quantum coherence of the organism, to complete quantum coherence of the universe. I believe the universe is quantum coherent. Quantum coherence is everywhere. And if we know how to tune into it, we see it....It is like a symphony. I'm a Taoist at heart. And quantum coherence and Taoism are one because coherent action is effortless action. Quantum Jazz Biology interview with Dr. Mae-Wan Ho [June 2010](#)

In fact the quantum analysis has proven there has to be an mechanical amplifier in effect for hearing - and that "*any* model of the receptor cell must involve quantum coherence, and hence there is *no* consistent classical theory of hearing." [1985 quantum noise and the threshold of hearing.](#)



Noncommutative Phase as macroquantum resonance

Schrödinger suggested that life was based on a novel physical principle whereby its macroscopic order is a reflection of quantum-level order, rather than the molecular disorder that characterises the inanimate world. He called this new principle "order from order". But was he right?...Just as Schrödinger predicted, life seems to be balanced on the boundary between the sensible everyday world of the large and the weird and wonderful quantum world, a discovery that is opening up an exciting new field of 21st-century science. [You're powered by quantum mechanics. No really... \(UK Guardian, Oct. 2014\)](#)

Once again we see Schrodinger's *order from order* capable of capturing quantum events, and what Jordan termed *amplification* of quantum phenomena into the macroscopic world. Life seems to bridge the quantum and classical worlds, perched on the quantum edge (p. 132)....If we return to our musical analogy one final time, with the guitar acting as the odorant molecule and the guitar strings as the molecular bonds that need to be plucked, then the receptors come in Eric Clapton or Jimi Hendrix forms. Both can play the same molecular notes, but right-

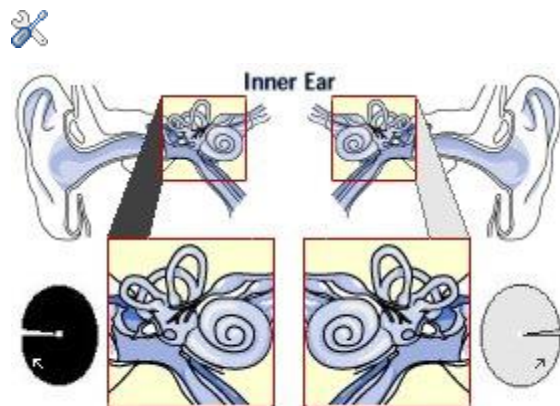
or left-handed molecules have to be picked up by right- or left-handed receptors, just as right-handed guitars have to be played by right-handed guitarists....This combination of shape and quantum vibration recognition at last provides a model that fits nearly all experimental data. (pp. 163-4)

"As the light-matter coupling increases in time from zero into the [phase] $> c$ range, the system moves out of its frozen initial state....The intermediate regime is the only one in which non-linearities can develop significantly. High values of squeezing [noncommutative resonance] in both subsystems [light and matter] are then generated [20]....the enhanced entanglement regime (EER) begins to dominate the space of behaviors as opposed to being a small niche....We have then established the persistence of the EER for a wide range of system sizes and even under the effect of dissipation effects....We have provided theoretical insights of this phenomenon by means of a dynamical symmetry breaking and effective non-linear self-interactions." [pdf](#)

It is the secret origin of the Universe, as well. [Quantum entanglement Goldilocks Effect Sept. 2015](#)

It is the magic sauce, that connects all objects in the universe, including light and matter....Since it is a quantum phase transition that is being crossed, the structures that appear contain clumps of quantum entanglement.

"It is the magic sauce that connects together all objects in the [universe](#), including light and matter."



Inner Ear noncommutative phase as microsecond-ultrasound quantum consciousness



Noncommutativity is source of quantum non-local consciousness

"Non commutativity is the central mathematical concept expressing the uncertainty." [2012 pdf link](#) This number theory is the great [conundrum of trying to unify \("are we there yet?" googlebook link\) noncommutative quantum physics to relativity \(pdf link - "you can not visualize noncommutative spaces - you fundamentally cannot."\)](#) but time-frequency uncertainty was already known to be noncommutative by the Pre-Socratics! This first music harmonic of the Pythagorean Perfect Fifth as $3/2$ is actually noncommutative (C to G is $3/2$ as the Perfect Fifth overtone while C to F is $2/3$ as the Perfect Fifth subharmonic)

. As quantum consciousness neuroscientist Stuart Hameroff says, "[Change the Music.... Indeed, microtubule](#)

resonant vibrations have been likened to music, specifically anharmonic Indian Raga (Ghosh et al, 2014)....[As the Beatles sang, "Take a sad song and make it better".](#)"

"Bandyopadhyay and his team will couple microtubule vibrations from active neurons to play Indian musical instruments. Consciousness depends on anharmonic vibrations of microtubules inside neurons, similar to certain kinds of Indian music, but unlike Western music which is harmonic [commutative logarithmic]" Hameroff explains (Science News, 2014)



Can you Feel it? Flex it?



Conspirachi

The early Christians before 200 AD were known to practice a secret breathing together to tie them to the holy spirit, ["an exchange of breath or spirits" as](#)

[Stephen Benko describes it in *Pagan Rome and the Early Christians*, googlebook review 1984](#)

Explicitly, corporeally, the central Christian celebration was understood as a co-breathing, a con-spiracy, the bringing about of a common atmosphere, a divine milieu...The shared breath,

the *con-spiratio*, are the "peace" understood as the community that arises from it.

Professor Elaine Pagels documents in her best-seller *Beyond Belief* that the early gnostic Christians relied on meditation internal listening trance, the *Logos*, to see the light as the means to God. Pagel quotes Jesus in *The Gospel of Thomas*:

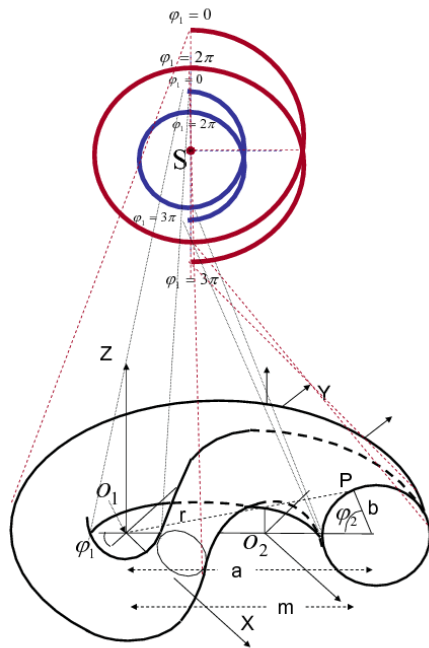
'There is light within a person of light, and it lights up the whole universe; If it does not shine, there is darkness.'



F.W. Schelling in 1809 wrote of the conspiracy of life and unity as a [secret breathing exercise wherein the body takes up a strong internal heat](#), while the formless void is contemplated. [The Conspiracy of Life: Meditations on Schelling and His Time by Jason Wirth 2012 googlebook review:](#)

Schelling uses the Latinate-German *Konspiration*, which stems from *conspiro*, to breathe or blow together. *Spiro*, to breathe, is related to *spiritus* (the German *Geist*), meaning spirit but also breath....The conspiracy is a simultaneous expiration and inspiration, and each thing of nature is both inspired yet expiring. This is what I call the conspiracy of life, that is life beyond and within life and death....Schelling's own discourse often sounded downright mystical. For example Schelling often spoke of the development of the 'spiritual eye' in a way almost reminiscent of the way that certain aspects of the [the Hindu tradition](#) spoke of opening one's third eye.

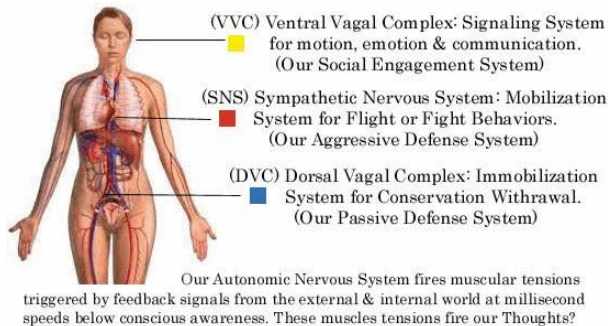




Gravitational Lensing is Klein Bottle as Tai Chi - from single light source



Secret of N/om, Kundalini original human energy



Deep right side reptilian unmyelinated vagus nerve from reproductive organs to right side of heart



Wang Liping on Daoist alchemy full lotus secret

There is a secret about sitting in lotus: the four bladder channels [they run on both sides of the spine] according to Chinese medicine cannot have an upward

flow, but only when sitting in lotus all four channels should flow upward together, even one missing is not correct.

To practice *qinggong* (stillness), especially working on one's own nature, it is not an easy thing to learn. Sitting for one hour it is already hard to bear. While sitting the legs hurt, the lower basin should not open, if the lower basin is open the practitioner has no roots.

While sitting your guide [during seminars with WLP] might touch some [acupuncture] points on your back, this is beneficial and you should not move, don't watch back and turn your head to see. Since the openings of the liver are the eyes, the liver is the place where the spirit can be passed onto the spirit, so if we stare at it with attention it leaves from the eyes.



Soma as Moon secret

"Developing Tarpak Kapha, amrit or Soma is a way of gaining control of our own brain chemistry and promoting the secretion of positive chemicals and hormones that keep our nervous system calm and content....It is the Soma or watery counterpart of the third Eye that has a fiery or Agni nature. From the soft palate of the mouth one can experience a flow of nectar from the brain that will bring a sweet taste to the saliva." David Frawley, *Soma in Yoga and Ayurveda: The Power of Rejuvenation and Immortality*.



Listening is faster than Fourier Uncertainty: So noncommutative phase harmonics!

Let us draw up a fundamental vibration with its first and second harmonic overtones [1:2 and 2:3]....if we then shift the phase relationship, we get a totally different course of the combined curve; that is, of the pressure course

[amplitude and frequency] which is apparently effective in the final analysis. When looking at both curves, one might suppose that in the two cases we should hear two sounds that are just as different. But in fact our ear does not notice any difference. *biophysicist Vitus B. Dröscher states in his book, Magic of the Senses, p. 168*



Alchemy as complementary opposites reversal

Since alchemy is concerned in the first place with the inner lines of the trigrams Li [fire] and Kan [water], the paradox of reversal consists in considering Li as female, while logically it should be male because its Yang-masculine lines are predominant. Analogously, Kan should be female, but is considered to be male. "The Sun is Li and belongs to Yang, and instead it is a girl. The Moon is Kan and belongs to Yin, and instead it is a boy. This is the reversal" (*Xiuzhen shishu* , 26.27a.)

[Isabelle Robinet confirms my alchemical discovery](#)

[Or alternatively as Eva Wong quotes The Triplex Unity](#), "the *male* of *kan* [water] is the *sun* and the *female* of *li* [fire] is the *moon*." Jeaneane D. Fowler, Shifu Keith Ewers describe this paradoxical transformation the best of any authors/teachers I've found on the interwebs: [The alchemical firing process from their book T'ai Chi Ch'üan: Harmonizing Taoist Belief and Practice](#)

The triagram *Li* is fire and predominantly *yang*, but the important middle line is *yin*, and so the Dragon is female. It is the *yin* essence in the *yang*, water in fire, the female in the male, the moon in the sun. It is referred to as Green Dragon....It is water that rises, being heated, and is therefore fiery but yielding, rising to Heaven.

The triagram *K'an/Kan* is Water and predominantly *yin* and female. But the middle line is *yang* and alchemically it is the *yang* in the *yin*, the White Tiger, ...its function is to descend to Earth when fire reacts with it. It is the fire in the water.

[Damo Mitchell](#)

In the alchemical process, the *yang* in the water is used to settle the *yin* in the fire: the water rises and the fire descends. Thus the solid *yang* line is taken out of the Water to replace the middle *yin* line in the Fire, thus producing Heaven.

This secret is so amazing but that's the only source I've seen describe the process succinctly and clearly - usually the steps described are not complete.





For males: Right hand yin, upper body yang; Left hand yang, lower body yin



Dirac Dance=Eddie Oshins noncommutative Neigong training=720 degree quantum spin



Life is Pumped Quantum Coherence

life has actually tuned itself to use thermal vibrations to 'pump' coherence, rather than disrupt it, which results in a phenomenon known as 'quantum beating'. This effect has been detected in bacterial light harvesting complexes and essentially

represents a coherent superposition of electronic states, analogous to a nuclear wavepacket in the vibrational regimen. In essence, the energy in light can be harvested very efficiently and transferred using wavelike resonance. There is thus a 'goldilocks zone' to optimize efficiency; in effect, just the right amount of 'noise' can result in enhanced 'coherence' and 'tunnelling' due to stimulating particular vibrational modes in proteins—so called exciton-vibrational coupling (vibronic coupling)

macroquantum jing to qi to shen alchemy

Skulachev has suggested that fused mitochondria could act as 'power cables' [67]; it is thus interesting that Reynaud has shown that mitochondria can be made to fuse using electric fields in vitro [68]. This would be in keeping with the ideas of Fröhlich about energy transfer involving vibronic coupling, in particular, between mitochondria and microtubules [69].

Hence, both calorie restriction and increased metabolic demand would generate an adaptive response (hormetic trigger) to improve mitochondrial function. As the mitochondrial potential is restored, and mitochondrial mass and/or efficiency increased, quantum tunnelling would become more efficient and ATP levels re-established and ROS minimized.

This of course suggests a very tight relationship between mitochondrial function, quantum efficiency, inflammation and aging.

In summary, the central precept for this paper is that humans evolved in a quantum universe and that quantum effects are pivotal for optimal function.



Universe as a giant bell

As quantum cosmologist Dr. Neil Turok explains, when you analyze the amplitude (time-wavelength) of variation of temperature against "pitch" or energy-frequency scale of the whole Universe:

We literally see the universe as a giant bell - it struck at the big bang and everything is synchronized. ...The whole universe is as simple as the simplest atom....The universe we see doesn't distinguish between scales ...a wave that stretches right across the universe has the same strength as one a hundred times

or a million times smaller. They're all the same. It's an unbelievable simple pattern that came out of the Big Bang....In fact it would be fair to say in physics everything is a wave....We've just put a paper out describing how a universe can bounce, it can contract with the light waves going down and bounce again....You'll remember that light doesn't have a scale. You see so whereas we would look at the Universe and say it's shrinking, in fact the light doesn't see the shrinking. It's due to the scale-independence of Maxwell's equations....which can be used to described what happened at the Big Bang itself.

Oct. 7, 2015 lecture, "The Astonishing Simplicity of Everything"



Noncommutative Phase as the time-like 5th Dimension consciousness

the Fourier transform of its time dependence only involves those frequencies that could be observed in the quantum jumps of their radiation. ...Heisenberg realized that the non-commutativity implies the uncertainty principle....Thus, the uncertainty principle actually states a fundamental property of quantum systems, and is not a statement about the observational success of current technology."

It is an immediate consequence of the fact that all particles are quantum waves. The energy is given by the frequency multiplied by Planck's constant. The time depends on the frequency too; a very short-lived wave function, when analyzed mathematically (Fourier analysis) consists of many different frequencies. So accuracy in time implies inaccuracy in energy. The Fourier theorem is purely mathematical: $(\Delta 2 \pi f)(\Delta t) > \frac{1}{2}$. Multiply both sides of this math equation by Planck's constant h and you get the Heisenberg equation, $(\Delta E)(\Delta t) > \hbar/2$.

force" as a fifth force

Are there inertia-free mechanisms? Yes—they are based on the laws of angular momentum and quantum phase dynamics. In this case, a final angular velocity of free precession occurs simultaneously with the application of a torque, and it does not depend on time explicitly. This is a consequence of the degeneracy of

the rotational energy in the direction of the momentum. Thus, the direction of angular momentum or spin can be changed proportional to t , i.e., without inertia. A similar pattern holds for the quantum phase that is also not connected to particle energy.

Inertia-free are the most promising and often-discussed hypothetical molecular mechanisms of magnetoreception. They consider the influence of MF on (i) the rate of reactions that involve spin-correlated radical pairs [177, 178], (ii) quantum rotations of molecular groups inside proteins [179, 180]. Inertia-free are also mechanisms based on (iii) the local spin and structural ordering in liquid water [181]. A detailed analysis of these quantum mechanisms related to the Zeeman effect, as well as of many others, is presented in [18, 182].

[Biological Effects of Hypomagnetic Field](#)

Objects in biological cells that possess a precessing magnetic moment are unpaired electrons, paramagnetic ions, protons and other magnetic nuclei. Protein-bound ions and the rotations of molecular groups with a distributed electric charge may also have a virtual magnetic moment.



Pythagorean harmonics in ecology

Hermit Thrush bird “chooses” to sing in harmonic series

our findings add to a small but growing body of research showing that a preference for small-integer frequency ratios is not unique to humans.

the [natural number pentatonic gamelans as Deep Brain Activation \(pdf link\)](#).

[Indeed, the natural environment, such as tropical rain forests, usually contains sounds that are extremely rich in HFCs \[high frequency components\] over 100 kHz \[3\] \[ultrasound\]. From an anthropogenetic point of view, the sensory system of human beings exposed to a natural environment would stand a good chance of developing some physiological sensitivity to HFCs. We also found that some musical instruments, such as a gamelan of Bali, Indonesia, produce a significant number of HFCs over 100 kHz \[3\].](#)



Qigong Master Jim Nance: The Unconditional Love Hears You

“With one thought, you can stay focused on the thought. And you can pull Universal Energy into the thought. And you feel the energy in the room. You can feel the energy coming into the room. And as you do that, not only can you feel the energy coming into the room, but you can feel a dimensional shift in that process. Because the thought energy is very different than the physical material world. And if you bring the two together, o.k.? If you bring the two together, a dimension shifts. It shifts, because you are no longer in the same place you were in before. You create something new with the help of the Universe, you create something new.

It’s like when you’re not there at all, then you are in the Emptiness. Not there at all. You know, yeah. So anyway....The Unconditional Love hears you.”

[Qigong Master Jim Nance](#)

It’s easier to accept things in their natural flow

....I didn’t listen and so the Universe will say, “o.k. if you didn’t listen I’ll really show you why you should be doing this.”....The key is being open to listening, that’s the hardest thing. If you get five seconds of focus you’re doing something. You slow yourself down, to maintain your focus, breathing is an important part, if you can pull the visualization without losing the connection, then it’s much easier to shift the energy. If I inhale and exhale and be more objective, not so subjectively pulled into the experience, it would be like taking a snap-shot, looking at the snap-shot, keeping it steady while I was breathing. I could then keep my focus on something for an extended period of time. All I had to do was wait and the energy would shift on its own.

As Nada Yoga teaches, "the soundless sound, paranâda, whence arises the mantra Aum" out of the heart center.

On the Anahat or Unstruck Melody

The perceiver of this Primal Word gains access into Sach Khand (the Realm of Pure Consciousness or Primeval Sound) and does not have to come again into this mortal world [does not have to reincarnate]. When single-pointedness has been attained by diligent practice of Drishti yoga [Inner Sight, Inner Light Meditation] learnt from an accomplished Guru, a large variety of Sounds are heard within.

However, this calls for *intent, concentrated listening during meditation practice, keeping eyes, ears, and mouth all quiet. One Sound that is heard leads to another Sound, which, in turn, takes one ahead to yet another Sound.*

Thus, getting hold of several Sounds, one after another, one finally gets hold of the most captivating Quintessential Primordial Sound.

And, as even this Unstruck Melody is transcended, the Highest State, the Nameless [Anami], the Soundless State [Anadi, Pure or True State of God] is attained.

– Maharshi Mehi Paramhans, quoted in, *Yoga of Inner Light and Sound*, by Swami Achutanand, Translated into English by Pravesh K. Singh

Pankaj Kahyap [explains](#):

The general perception of a layman is that when we speak, sound comes from the throat. But what happens is when we have the urge or the thought to speak, our life force in the form of vaayu, starts from the root chakra and brings Paraa, the subtle sound, then travels up to the navel, heart chakras as Pasyanti and Madhyamaa respectively, then comes to the throat, mouth, teeth and tongue as Vaikhari to come out as speech or sound at the gross level. These four levels of sound correspond to four states of consciousness. Paraa represents the transcendental consciousness. Pasyanti represents the intellectual consciousness. Madhyamaa represents the mental consciousness. And Vaikhari represents the physical consciousness.



Original Human Culture healing is source of spiritual alchemy training

“You see spirits killing people. You smell burning, rotten flesh. Then you heal, you pull sickness out. You heal, heal, heal. Then you live.”

Healing Makes the Heart Happy



Law of Phase harmony as alchemy

So we can say from the perspective of alchemy that Time is the Emptiness and Frequency is the Shen while Wavelength is the Jing and Momentum is the Qi. The “yuan qi” is then the momentum as inversely proportional to phase velocity that

is the speed of light squared. The complementary opposites of time and frequency then reverse the entropy of jing and qi. If the light as shen or frequency is turned around then time is also turned around and you get negentropy instead of entropy. Jing is time as entropy but it can be turned around to change fate. This is the secret of putting the shen or frequency as the reverse direction to wavelength or jing as physical time. The result is the infinite quantum entanglement as the speed of light squared - the light turning itself around to create the phase velocity of speed of light squared as the “pilot wave.”

It's a very simple equation that explains alchemy and Western science - Shen is to Emptiness as Qi is to Jing or Frequency is to Time as Momentum is to Wavelength. then the proton-proton superconducting plasma is the Yuan Jing. The Yuan Qi is then the superluminal antigravity reversal of spacetime - the spin or backwards precession as a phonon “hidden momentum” energy that is also information - the formless awareness as information-energy that guides spacetime. The yin qi is then the ionized electrons themselves - separated out from the water in the micron-ultrasound electromagnetic resonance of the collagen microtubules of the mind-body. The Yuan Shen is then when the yin qi is built up enough that the Yuan Qi energy is activated from turning the light around - and so light can be seen externally outside the body. Whereas the light seen internally in the body is the “relative void” from the yin qi energy creating redox reactions of the mitochondria.



Qigong Master Effie P. Chow

I feel that the past, and the present and the future is all in one state. They're operating at different frequency levels. It isn't the past here, the present here and the future here. We are all at one state. The past, present and future are all here. That's why some people have deja vu....

– Qigong Grandmaster Effie P. Chow



Macroquantum resonance via ultrasound

>[Microtubule is six times bigger than single protein tubulin yet is 3000 times more electrically conductive than single tubulin protein](#)

Information for us is a time cycle that can be modeled in particular geometric shapes. It is all about one rhythmic vibration that arises through integration of geometries using 2,800 frequencies over 10^{20} Hz. Each vibration includes a “bing” moment (Hameroff’s metaphor for the moment of conscious awareness) and also a “silence” period. The “silence” contains the “phase”, and this holds the true information about the geometric shape of the particular time cycle. A band of frequencies always make a circular strip as it always vibrates periodically.

[Interview with Dr. Anirban Bandyopadhyay](#)



Tummo yoga Wim Hof breathing

However, in trained individuals epinephrine [adrenaline] levels were already profoundly increased 30 min after start of practicing the breathing techniques, ...the [Wim Hof breathing] techniques predominantly result in stimulation of the sympathetic input to the adrenal medulla, because this is the most abundant source of epinephrine[adrenaline] in the body....Epinephrine levels in trained individuals were

even higher than those reported in a recent study in which acute stress elicited by a bungee jump was found to suppress cytokine production by leukocytes...In conclusion, the present proof-of-principle study demonstrates that the sympathetic nervous system and immune system can be voluntarily influenced through practicing techniques that are relatively easy to learn within a short time frame.[Voluntary activation of the sympathetic nervous system and attenuation of the innate immune response in humans 2014 pdf](#)

The inhalation increases adrenaline via direct activation of the adrenal medullae - via deep breathing physical stimulation. This is a positive feedback to the pituitary and pineal gland that increases more adrenaline so that adrenaline levels double. The breath retention after exhale activates the vagus nerve that increases acetylcholine to pituitary to increase ACTH that suppresses any inflammation pain as chronic disease. So after the deep inhales, the increased pH levels enable holding the breath longer after exhale. There are more secrets to this training from Taoist philosophy - Wim Hof studied tummo of Tibetan - you can also do tai chi, etc.

Essentially like when you do horse stance, the legs shake 7 to 8 times per second and this causes an extreme sympathetic nervous system reaction as the deep inhalations, pushing the adrenaline to an extreme - and then it triggers a "parasympathetic rebound" which means you then flush the colon with serotonin and increased serotonin into the blood via the vagus nerve. So with increased oxygen to the mitochondria there is light as biophotons emitted into the serotonin which is an antioxidant - and so the vagus nerve activation reduces inflammation. That is from the breath retention after exhale.

[Dr. Herbert Benson first documented Tibetan Tummo breathing is real!](#)

Documented in a 1985 study by Dr. Herbert Benson: The altitude was 15,000 feet and the temperatures reached zero degrees Fahrenheit as the Tibetan monks in the Himalayas slept, apparently comfortably, through the night. With as little insulation as a thin wool cloak and laying on the cold rock separated from one another, this should have killed the monks. But they were all fine and the cameras didn't even catch them shivering at any point. When they woke, they walked calmly back to their monastery, not seeming to notice the cold at all, unlike the scientists and camera crew who were all bundled up and freezing by morning.

magnetic resonance imaging scans of the monks brains while they meditate have shown "marked differences in blood flow to the entire brain", Benson explains. "At the same time, certain areas of the brain became more active, specifically those that control attention and autonomic functions like blood pressure and metabolism."

All three monks were able to achieve substantial temperature changes by at least 17 degrees in fingers and toes within minutes of beginning their meditation. At the same time their heart beat did not increase.

The authors said the most likely physiological mechanism was dilation of the blood vessels in the extremities. A decrease in oxygen consumption directly correlated with a decrease in metabolism rate. The results found that the participants significantly lowered their oxygen consumption during meditation, more so than through sleep. They were astonished to find that these monks could lower their metabolism by 64 percent. "It was an astounding, breathtaking [no pun intended] result," Benson exclaims. To put that decrease in perspective, metabolism, or oxygen consumption, drops only 10-15 percent in sleep and about 17 percent during simple meditation.

Increasing alpha wave activity, decreases in the rate of metabolism, oxygen consumption and blood lactate production are all measured, observed side effects of the relaxation response. Tibetan monks reportedly stopped their own heart beat or confined themselves in a steel metal box and continued to survive by slowing their oxygen intake to extreme rates. (p. 105,

The Relaxation Response

and 1982 report in the scientific journal

Nature

. The authors were Herbert Benson, John W. Lehmann, Mark D. Epstein of Harvard, Ralph F. Goldman of the Army Research Institute of Environmental Medicine, M.S. Malhotra of India's National Institute of Sports and Jeffrey Hopkins of the University of Virginia.

<http://relaxationresponse.org/>



Source of Noncommutative in quantum consciousness reality

the measurement changes the state which you have measured. This explains in a very straightforward sense why measuring B first and then A can lead to a different result than measuring A first and then B. Because there's always a back-reaction onto the system, depending on what you have measured.

[Dr. Harold Atmanspacher, 37 mns](#)

The "system" being measured is time itself as consciousness and so time is noncommutative to frequency. It's not just about "losing precision" between location position and momentum.

Something very interesting, and that brings in the Zeno Effect. The effect of the observations that takes place with these intervals, stabilizes the system, although its in an unstable state. The switching is a process that always destabilizes the system in that moment and leads back to the other state. The system is unstable but the effect of the observation is that the system is stabilized. The more often you observe, the smaller these intervals Δt [time] are, the longer will be the stable parts in these processes. In the end if you have Δt is zero then you would observe all the time, without any pause or interruption. Then the system would be frozen in one of the two representations. There is this saying, a watched pot never boils. Right? That's what happens here.

Actually Zeno argues, there is no flying arrow. The arrow is always at rest because at any time it is at one particular point in space. So this means it must be at rest and flight is an illusion.

1 hr into vid.

Check out Alain Connes - discrete mathematics is the foundation of the universe with continuous functions and relativity arising out of noncommutative harmonics - a spectral quantum sphere with a geometric dimension of zero. Roger Penrose is correct - the universe is not a computation or calculation - due to the inherent noncommutative, and therefore nonlocal phase of reality as the 5th dimension that is time-like. So this noncommutative phase is neither discrete nor continuous but both at the same time. Mathematics is left brain dominant which is also inherently tied to tool making as right-hand dominant. Frequency perception is right-brain dominant and so tied to reverse time as quantum negentropy that is superluminal noncommutative phase. Louis de Broglie figured this out when he critiqued relativity - his Law of Phase Harmony. Ecology is based on left-handed amino acids and so when we "turn the light around" we go back to time being zero which actually reveals the hidden momentum of light as "relative entropy" or phonon energy as negentropy. This is what the Taoists call "yuan qi" or in Vedic philosophy is the prana energy - the original human culture called it N/om. So the left-brain dominant mathematics claims to be objective with 'symmetric' beauty of math but in fact the reality is noncommutative and so left-brain dominance is directly tied to a linear external perception of time based on logarithmic entropy that is destroying left-handed amino acid, right-brain dominant ecology of Earth.

Position and momentum are not discrete but uncertainty arises from the deeper noncommutative time-frequency energy resonance - before the classical observable measurement system. This is the Quantum Zeno Effect - when time is zero there is actually a bistable reverse time hidden momentum energy that is a novel self-force of quantum force energy.

It can be inferred that a stability of conformational states of waves is attained at a minimum energy, when the frequencies fit with the first harmonic (1:2), and fit somewhat lesser, but close to the second harmonic (2:3), and somewhat lesser with the third harmonic, etc. This means that the initial value problem can be solved....

“... tentatively designated as “Algorithm of Life”. The particular spectrum of frequency bands indicate that nature seems to employ discrete eigenfrequencies or standing waves that match precisely with an acoustic scale, with frequency ratios of 1:2, and closely approximated by 2:3, 3:4, 3:5, 4:5 and higher partials, allowing the discrete frequencies to be expressed in scalars.”

These frequency patterns, based on quantum transitions obey to frequency ratios of 1:2 and approximate partials of 2:3 (Geesnik and Meijer, 2016)...are responsible to stabilize cells or improve viability of cells....Based on the material presented in the present paper, the following novel axiom/biological principle might be at stake: nature makes use of a specific set of eigenfrequencies of electromagnetic waves as well as of quantum states, that exhibit frequency ratios of 1:2, and closely approximate 2:3 and 3:4 and higher partials, that can be expressed in scalars.

Phonon Guided Biology. Architecture of Life and Conscious Perception Are Mediated by Toroidal Coupling of Phonon, Photon and Electron Information Fluxes at Discrete Eigenfrequencies pdf December 2016



Yale Professor Ian Quinn gives a music, math lecture.

[He is ignoring the secret](#) that $2/3$ is NOT allowed by Western harmonics since it is noncommutative, as C to F, subharmonic. So then $4/3$ as C to F is also not a natural harmonic since the denominator 3 is not a multiple harmonic of 1. Since 2 does not divide into 3 then the empirically true harmonics are infinite as the infinite spiral of fifths that are noncommutative - this is the secret of real Pythagorean harmonics, called the Tetrad or Tetraktys. The rest of the harmonics are just b.s. based on Archytas - and this professor actually promotes Archytas music from divide and average harmonics with $9/8$ cubed as the square root of 2 as the secret source of the Pythagorean Theorem from the tritone.

So for Archytas - he mentions at 29 minutes - the equation had to be $3/2 \times 4/3 = 2$ which is arithmetic mean \times harmonic mean = geometric mean squared. That was the first logarithmic equation of Perfect Fifth plus Perfect Fourth = Octave. But it's a lie - as he points out the 12 octaves of the fifths don't line up with the actual octaves based on 2 - as the Pythagorean Comma. but that doesn't matter - unless you are trying to make an instrument with polyphonic harmonics. Orthodox Pythagorean harmonics only used the Octave, Perfect Fifth and Perfect Fourth - as infinite energy resonance and included 5 years of silent meditation as internal

listening. Real music is infinite noncommutative resonance. It is not based on polyphonic harmonics but rather on the "three gunas" of Indian tuning or the Yin-yang-Emptiness of Taoism - they are also derived from the Octave-Perfect Fifth/Perfect Fourth. It's proven in neuroscience that the Perfect Fifth/Octave/Perfect Fourth have the strongest amplitude resonance in the brain neuron synchronizations. Also it's now proven that this natural tuning is not limited to humans! So sound is not dependent on a string or tube - we LISTEN to sound - and so he plays an extended natural number scale and says it is not harmonic or not - but that is not the point. The point is infinite energy resonance as the empirical truth of reality. Fields Medal math professor Alain Connes recognizes this noncommutative truth of music infinite spiral of fifths as a "universal scaling system" that has a geometric dimension of zero but is a quantum sphere that creates gravity and all the particles of mass.

[So then in this 2nd lecture Professor Quinn](#) (who is about the same age as me) points out that below 80 beats per minute, our brain can not easily detect a rhythm so that our brain then subdivides the beat into 4. So this explains the secret of the Mozart Effect - from 60 bpm slow middle movements, that then increases the alpha brain waves as 15 hertz. Professor Quinn pooh-poohs the Mozart Effect but I got an EEG after my intensive music training, and memorizing the 2nd movement of Bach's Italian Concerto in F Major - and the nurse exclaimed in shock at how strong my alpha brain waves were! At the time I had no idea why but now I know.

Geometric mean = alogon as irrational number.

$9/8$ cubed = square root of two = Devil's Interval tritone

$5/4$ = cube root of two

$3/2$ squared = $9/4$ halved into octave as $9/8$.

$3/2 \times 4/3 = 2$ (geometric mean squared).

$\log(3:2 \times 4:3) = \log(2:1)$

$\log(3:2) + \log(4:3) = \log(2:1)$

Math professor Luigi Borzacchini called this cover-up by Plato and Archytas, "shocking" and "really astonishing" and the new alogon-based math created a "deep preestablished disharmony" that guides the evolution of Western science.

Simon Stevin in the 16th C. Renaissance rediscovered Archytas $5/4$, cube root of 2 secret, as the foundation for logarithmic equal-tempered tuning. 1605, referring to his French work on arithmetic (1585, this ed. Vol. II B) where he had shown that the requirement of twelve equal ratios leading from 2 to 1 involves the twelfth root of 2. (unpublished until the 20th C.).

The

secret of the sect music equation

for the compounding proportions of the sidelengths is this:

$$A:X::X:Y::Y:2A = 1:5/4::5/4:8/5::8/5:2.$$

Euler gave Mendelssohn Mose the idea of using the ancient Delian combining problem of doubling the cube from Archytas to question and solve the equal temperament tuning.

A surviving fragment of the work of Archytas of Tarentum (ca. 350 BC) states, "There are three means in music: one is the arithmetic, the second is the geometric, and the third is the subcontrary, which they call harmonic" [7]. The term subcontrary may refer to the fact that a tone based on this mean reverses the order of the two fundamental musical intervals in a scale. It is believed that Archytas or one of his contemporaries gave the name "harmonic"

to the subcontrary mean because....[cover up of the noncommutative "bait and switch"].



Druze secretly are Pythagoreans!

Or the Druze who dwell among the cedars of Lebanon, the secrets of their faith preserved for initiates and the mystical *gematria* of their divine mathematics traceable to Pythagoras whom they revere as a prophet.

[The Great God Pan still lives](#)



Dr. Irena Cosic Resonant Recognition Model

Along those lines, the results from our acupuncture meridian and EEG activity studies have shown that

frequencies between 8.8 and 13.2Hz, which fall within range of the Schumann Resonance, mainly correlate with analysed human electrophysiological signals.

The results from our acupuncture meridians and EEG activity studies confirm that the human body absorbs, detects and responds to ELF environmental electromagnetic signals, as presented in Figure 1

Furthermore, it has been shown that interacting proteins and their targets share the same characteristic frequency, but have opposite phase at characteristic frequency [5,6,14]. Thus, it has been proposed that the RRM frequencies characterize, not only a general function, but also a recognition and interaction between the particular macromolecule and its target, which then can be considered to be resonant recognition.

[Tesla, Bioresonances and Resonant Recognition Model.](#)

Recent experimental testing by Benford et al. observed a uniform, substantial, and consistent decrease in gamma radiation during alternative healing sessions, thus supporting a new energy-balance paradigm hypothesizing ionizing radiation as an alternative cellular energy source.

[gamma radiation potassium healing](#)

Absorption of Gamma Radiation as a Possible Mechanism for Bigu: Theory and Data Gary E. Schwartz Bulletin of Science, Technology & Society, October 2002; vol. 22, 5: pp. 371-373.

In the U.S. report 'Defense Intelligence Agency document: Controlled Offensive Behaviour - USSR, July 1972' it is stated that in 1967 the USSR had more than 20 centers for the study of paranormal phenomena, with a budget of \$21 million.

The Holy Science by Swami Sri Yukteswar, 1949

(Meditation on)

pranava

, the divine sound of *Aum*, is the only way to Brahman (Spirit), salvation....This Holy Sound

Pranava Sabda manifests spontaneously through culture of *Sraddha*, the energetic tendency of the heart's natural love; *Virya*, moral courage; *Smiriti*, true conception; and *Samadhi*, true concentration. pp 55-6.

When man direct all his organs of sense toward their common center.... and hears the peculiar "knocking" sound, *Pranava Sabda*, the Word of God. p. 75

and hears the holy Sound (*Amen, Aum*) like a stream or river; and being absorbed or baptized in it, begins to move back toward his Divinity....p. 80

By culture of regulation of the breath as directed by the Spiritual Preceptor (*Sat-Guru*), the holy Word (*Pranava* or *Sabda*) spontaneously appears and becomes audible. When this mantra (Word, *Pranava*) appears, the breath becomes regulated and checks the decay of the material body. This

Pranava

appears in different forms at different stages of advancement, according to the purification of the heart (*Chitta*). p. 88

The Huainanzi [2nd C. BCE] provides the earliest interpretation,

"Dao begins with oneness. Oneness alone, however, does not give birth. Therefore, it divided into yin and yang. From the harmonious union of yin and yang, the myriad beings were given birth" (3.28; Major et al. 2010, 133).

Daoism Excavated: Cosmos and Humanity in Early Manuscripts pdf

by WANG Zhongjiang 2015

I give a simple explanation of the music harmonics here as complementary opposite yin and yang resonance - noncommutative

"In listening to music, one is therefore perceiving an implicate order." Quantum physicist David Bohm,

"We seem virtually forced to view music in a similar fashion that is to say as the outward expression of more fundamental phenomena occurring at deep levels of the mind, or of consciousness." Quantum physicist Brian Josephson

I believe that all people are in possession of what might be called a "universal music mind." Bill Evans, Jazz Pianist for Miles Davis 1959, *Kind of Blue*



Puharichs research was "greatly underappreciated" Dr. Michael Persinger's email to me, circa 2006

[Dr Michael Persinger @drpersinger 30 Jun 2014](#)

When Sean Harribance experiences others' memories his cerebral microstates are changing around 7.3 Hz

Ingo Swann's most accurate drawings during remote viewing occurred during 7 Hz paroxysmal activity over his right temporooccipital lobe

[Normal people do not hear "the whisper" of static atmospheric](#) In addition it is not unusual for dipole dipole coupling between protons to range between 5 Hz and 25 Hz which overlaps with the primary power density of cerebral activity as well as the amplitude fluctuation of photon flux densities from non-neural cells when exposed to weak (microTesla) magnetic fields.

The product of the magnetic field equivalent of a photon's rest energy and magnetic moment (10^{-44} Am^2) is the rest energy of a graviton

[Andrija Puharich:](#)

I find that a magnetic basis for matter, as proposed by Schwinger, is required in order to explain 1-amino acid molecular asymmetry of life processes operating through proton magnetic asymmetry.

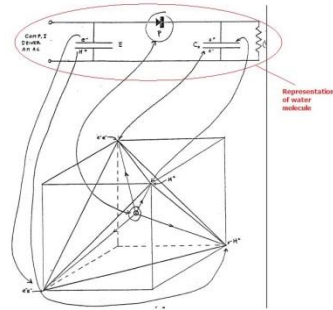
I believe that if the proton-proton spin coupling exists in DBP [direct brain perception] it should be possible to shield a sender from a receiver in a telepathy experiment.



CIA mind control scientist Dr. Andrija Puharich

TABLE 1.
PRINCIPAL PHASE PARAMETRIC HARMONICS
INVOLVED IN SPLITTING THE WATER MOLECULE

FREQUENCY, Hz	TARGET
0.125 Hz (1) 0.125 Hz x 720 PARAMETRIC = 9.00 Hz	PROTON, H ₂ O
0.125 x 2 ¹⁴ = 0 ¹⁴ Hz (2)	PHONON-HYDRON = f ₀ (CONDUCTIVITY TONE)
2 ¹⁴ = 2 ¹⁴ Hz (1)	ELECTRON (ELECTROLYTIC TONE)
3 x 10 ¹⁷ Hz TO 4 x 10 ¹⁷ Hz	PHOTONS - 2X (CONTRAST)
4 x 10 ¹⁷ Hz TO 3 x 10 ¹⁷ Hz	PHOTONS - 0V (CONTRAST, S.W. LINE)



Phonon-Hydron 8 hertz ELF subharmonic of ultrasound



Phase velocity difference between proton and electron as reverse entropy magnetic moment

1/0.125 is the phase velocity difference between the velocities of the orbits of the proton vs. the electron.

The angular momentum of the electron stays the same but the magnetic momentum between the proton and electron can vastly increase.

CIA mind control scientist Dr. Andrija Puharich, *Beyond Telepathy*, (1973) discoverer of Phonon-Hydron Psi-Plasma paranormal proto-consciousness of the Universe.

The circuit he used for mind control hearing is the same circuit used for his water splitting device.

1/.125 = 8 Hertz ELF subharmonic of the ultrasound splitting of water.

phonon vibrations....the precession of the proton in water....the end product is to stimulate the emission of photons.

Thus the head neurons see the following signal: 20 KHz [ultrasound] + 100 Hz [ELF] = 20,100 Hz:20 KHz - 100 Hz = 19,900 Hz. The 20,100 Hz and the 19,900 Hz beat against the center frequency of 20,000 Hz and the result is the deaf person "hears" 100 Hz. Certain proton nuclear ELF magnetic resonant (NMR) signals in the nervous system may be of this nature where the actual perceived signal may be a side-band signal....These side-bands are due to ELF proton-proton spin couplings. Such proton-proton spin couplings may have great importance in memory induction.... The effects all add up to a phonon-pumping mechanism working on the unit hydron. We would expect that the end product of this action

(before splitting of the water molecule occurs) is to stimulate the emission of photons, or the true PHASER effect....It is known there is a spin/spin: proton/proton magnetic coupling of 8 Hz which is a fundamental constant.

spontaneous cancer cures by reversing the flow of electrons in the mitochondrial terminal respiratory chain, and thereby produce more oxygen to combat the cancer process...increased oxygen would pull the proton/proton spin/spin coupling closer to the 8 Hz normative center frequency of biological systems....to reverse the electron flow of the mitochondria by changing one of the heme molecules into a chlorophyll type of molecule. The purpose of nature in this electron flow reversal is to electrolyze water in order to produce more oxygen to swing the local ELF frequency toward 8 Hz using both the Kervan nuclear transmutation mechanism and the known effect of oxygen to lower the NMR spin-spin coupling....phase coherence in the spin....has the uncanny property of...reversing...to cause the time flow backwards, in other words reverse the flow of electrons in time, as positron...

See Abraham, R.J. and Loftus, P.

Proton and Carbon-13 NMR Spectroscopy Table 3.1, p. 41, Table 3.5, p. 46.
Heyden & Sons, Ltd. London 1981.



Stuart Hameroff: Simultaneous curvature of both spacetimes from Roger Penrose

[Amazing new podcast interview with Dr. Stuart Hameroff:](#)

Kicks in around 45 minutes.

Roger Penrose says a particle is in two places at the same time because of curvature of spacetime going in two different directions at the same time!

In other words: Noncommutative phase as the secret of quantum non-locality proto-consciousness.

We know it [spacetime] goes down to the Planck's scale...Roger is probably the world's expert on what that is....but whatever it is it has curvature to it. To bring together quantum mechanics and quantum superposition....Well first of all 4 dimensional spacetime is too hard to imagine....So imagine taking 3 dimensions of space and condensing it to one just for arguments sake and then time on the

other axis. ...

A mass or particle would be a curvature in one direction, if you will. If that same particle, if it was in a different location, would be a curvature in another direction. So a particle in two places at once, is basically, simultaneously curvature of both spacetimes.

These separations of the structure of the universe were unstable...given by the uncertainty principle, at time t , would reduce, undergo reduction at the subjective threshold, hence Orchestrated reduction.

When that happens, every time it happens, a moment of consciousness occurs. He [Penrose] was saying Collapse causes consciousness. Collapse spontaneously causes consciousness.



Piet the Poet Compiles Caboodle



Erik Verlinde on the Holographic Entanglement Entropy Dark Universe

This allows you to send information to the boundary. In the ground state spacetime is sort of a perfect conductor of quantum information. Any quantum information can be pushed to the boundary and this is what explains holography.

[Gravity is emergent as a cone \(Full Lotus pyramid tetrahedron\) from quantum entanglement entropy information \(noncommutative\).](#)

ER=EPR [entanglement=worm holes] is not just for black holes, it is the origin of spacetime.

[Matter is entropy in the volume.](#)

The presence of matter-energy within a space-time volume w/ a decrease in the value of these 'volume entropy' terms within it. The 2nd Law of Thermodynamics then requires this loss of entropy be balanced (or over-balanced) by a compensatory growth of entropy on the horizon, ... modeled well in the same way solid state physics models stresses & displacements on a chunk of material.

["Nature itself is the fastest calculator," he said.](#) The notion that a "Matrix"-like machine might be running the show behind the scenes may seem a little out there, but the idea can be seen as part of a larger trend that treats information as a physical quantity, on par with mass and charge. This is not information as most people define it, but rather a kind of entropy (often called Shannon entropy) in which different quantum degrees of freedom are thought of as bits. These bits are an important element in black hole studies, where a major concern is the fate of information that falls into a black hole. Erik Verlinde from the University of Amsterdam has taken the information-black hole connection and effectively turned it around to re-define gravity. He claims that gravity is not a real force, but merely emerges from thermodynamic principles: two masses attract because their infall increases the information entropy. At the conference, Verlinde showed that this entropic force becomes stronger at galactic scales



Sir John Pendry on Singularities in Structures as Energy Harvesting

So I think you can see a pattern emerging here. Whenever you get something that isn't continuous...like a sharp edge, or where two spheres touch one another, or a crescent...Whenever you have a singularity in a structure, with that singularity is usually associated a harvesting point....resonance as a huge enhancement of energy.

[asymmetric geometric reverse time-frequency energy harvesting of light.](#)
video lecture on subwavelength light harvesting as reverse time or negative refractive singularity -

So you harvest broadband light (high frequency) to a zero point as reverse time (high intensity) so that velocity slows down, with density as amplitude squared going to infinity. The wavelength structure enhances the energy by 10,000 times. This is de Broglie's Law of Phase Harmony engineered into light harvesting from reverse time due to subwavelength singularity structures.



Vagus nerve Potassium Qi-Prana electromagnetic universal communication

Bacteria could thus use potassium to speak not just with one another but with other life-forms, including perhaps humans, as Lockless speculated in [a commentary to Süel's 2015 paper](#). Research has suggested that bacteria can affect their hosts' appetite or mood; perhaps potassium channels help provide that inter-kingdom communication channel.

It has been hypothesized that the body's primary gamma emitter, potassium-40 (K40), represents a "self-regulation" of energy within the body and the surrounding electromagnetic field.²⁴ The body's energy adjustment may result, in part, from the increased electromagnetic fields surrounding the hands of the healers. [Weiqigong](#)

Potassium has the same effect as lecithin, lecithin as the vagus (parasympathetic), and the vagus, finally, as pleasurable excitation, swelling, turgor, increased surface tension, and as was recently shown, electrical charge.

Wilhelm Reich, *Bion Experiments*, 1938 in German, published in English, first time, 2013.

The Spiritual Anatomy of Emotion: How Feelings Link the Brain, the Body, and the Sixth Sense

Ninety-five percent of the body's serotonin is manufactured in the bowel from whence it travels to the head....Assisting in the dialog is the vagus nerve. The fact that 95 percent of its fibers run from the gut northwards....shouldn't be surprising when one realizes that both the gut and the brain originate, during fetal development, from the *same clump of cells*.

p. 58,

Michael A. Jawer

In fact, two males demonstrated "emissions" of gamma rays during the therapy sessions. This may be due, in part, to variations in lean body mass which contains the body's primary gamma emitter, Potassium-40 (K40). This has also been hypothesized to represent a "self-regulation" of energy within the body and the surrounding electromagnetic field.^{4,5}

[Torsion spin energy healing changes mass as well](#)



Pythagoras Theorem in Noncommutative Geometry

Entanglement is an exclusive property of noncommutative...quantum systems.

[Pythagoras Theorem in Noncommutative Geometry pdf](#)



Dr. Stephen Porges, new interview on polyvagal therapy

Involuntary Immobilization is NOT complicity!

[vid interview](#)

The right side vagus nerve is the "below the diaphragm" functioning of organs, but also kicks in as the reptilian "freeze" reaction to extreme stress situations.

When in a context of safety, this deep reproductive right side vagus nerve can be harnessed to develop healing energy. [Lecture](#)

So how do we recruit it [right side unmyelinated vagus nerve] NOT in defense, and that's what we call intimacy. The right side of the brain is always dominant in the regulation of autonomic function, and thus, emotion. [His book](#). So we are actually using those areas of the body, sub-diaphragmatic, so we are making intonations of voice as gentle caress....If they break face to face contact, they can get hurt. [by people who due to trauma, don't do the mammalian left-side vagus nerve happy facial expressions, as inhibition of the sympathetic fight-flight-ejaculation] If we retract this mammalian left-side vagus nerve system we become hypersensitive to sounds but we can't understand human speech (based on flexing the middle ear for higher frequency musical intonation as emotion). The middle ear muscles dampen low frequency predator sounds - in safe environments - and we can then process human voice with playful open eyes as social engagement.

[Dr. Stephen Porges:](#)

If you were to find a fossil, how would you know that fossil is a mammal, ...by having detached inner ear bones, being able to detect acoustic higher frequency sounds, air-borne. If the bones were NOT detached they would still be stuck to the jaw bone; to hear sounds you would have bone conduction at low frequency, rumbles, this is how reptiles hear. ...

The middle ear muscles enable mammals to communicate at a frequency that is not detectable by reptiles - the high pitch squeals of danger... the tension to the middle ear muscles is reduced, if someone is angry or scared....the upper part of the face loses the exuberance, the playfulness, the muscle around the eye goes flat. their neurotone to the middle ear structure is also getting reduced. Now they can hear rumble or predator low frequency sounds but not understand human voice. the person can hear literally what you are saying. They are having difficulty understanding. When people are having arguments, it's very questionable whether they can even process what you are saying.

The survival of mammals was due to cooperation. People have misinterpreted Darwin. The neuromyelinated vagus [left side] supports the restoration and growth of mammals. The newer vagus, when functionally working, allows the other [sympathetic and unmyelinated older right side vagus] to function properly. The sympathetic nervous system activated for fight/flight for chronic defense then inhibits the right-side unmyelinated vagus nerve (causing constipation).

The challenges to the physiology creates a neural exercise.

It's not the words, the syntax, but rather it's the body's response to the vocal intonation and intention of the words. Motherese, playful voice is a biological imperative to regulate each others physiology.

Loss of blood flow to the peripheral muscles, causes trauma as shaking or trembling reaction - the extreme sympathetic nervous fight-flight response.

The training separates the physiology of the tremor and shaking from the emotional trauma - thereby having the bodily feeling the same in a safe context and so dis-empowering the trauma.

The vagal break [turning off the sympathetic] is a hierarchical inhibitory action of the sympathetic fight/flight via the left-side vagus nerve - it becomes potentiated during slow exhalations.

If you extend the duration of your phrases when you're talking then you extend the duration of your exhalation. Or singing. Gibberish is insightful because it's all about intonation, it's all about sound.

Is body contact now aversive? Is it too dangerous for me to be around you? The ontogeny, the development of safety or danger in how our body's respond is totally profound in our relationships evolve or deteriorate. It's really whether do

you feel comfortable, it's not about words.

Huffing and Puffing is extending the duration of inhalation to get mobilized for a physical fight. It's a true defensive structure. You can shift that physiological state if you shift the breathing pattern. If they push down on the diaphragm then they can inhale more air, as singers do or belly breathing - it extends the exhalation and sends signal back to the vagus as the afferent signal.

One has to be a more mature victim and has to see the pattern and break the pattern. So it's not symmetrical. Vocal music functionally imitates female voices to calm people down. It's not high frequencies but something in the middle. Low frequencies gives us the rhythm for dancing and it's play. If we are comfortable then low frequencies are not considered a threat [safe activation of the right-side vagus nerve].

Master composers start with the comfortable middle ranges of instruments imitating the female voice.



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Pythagorean Lower Tan t'ien revealed!

Peter Kingsley: Yes, and it's also found in Taoist exercises as well as particular strands of Buddhism.... Empedocles tells his student that "if you press my words down underneath your dense-packed diaphragm," in other words if you breathe them in deeply into your belly, then they will stay with you and they will grow and they will change you.

[The inner farming](#)

birds call and sing not only to quicken the plants: they also call to awaken the human seed that we are. They are actually singing for our sake as well. If we can

start to listen to them, really listen, they will draw us into this greater consciousness I have been talking about.



Synchronized Pant-Hoots and primate chimp grooming

When the specific communication and grooming behaviors that were identified in previous models as related to overall proximity were examined in relation to proximity in degree, only the rate of grooming received and the rate of synchronized high-intensity pant-hoots predicted proximity centrality. This suggests that when individual chimpanzees are found in close proximity with numerous conspecifics, in addition to grooming, synchronized vocalizations accompanying loud auditory gestures may play a key role in managing these more numerous social relationships.

[Social Brain Hypothesis to primate EcoEcho music 2016](#)



Master Nan, Huai-jin

This is why the lotus [padmasana full lotus] sitting training is very important because it will open up the most difficult to open channels linking the waist to the legs.



William Lyne on Tesla's zero-point energy as phonons

Tesla's "sound waves in the ether" are longitudinal, D.C. mechanical pressure traveling waves (not electromagnetic waves) that travel at the speed of light. Throwing those waves out in front of the ship creates a sort of "super-gravity" which pulls the ship forward with astounding speed and force.

Sept. 7, 2016



Pythagorean Music is "not confined to humans"

Until recently, the failure of most musical tuning systems to conform to the mathematics of small integer ratios was grounds for rejecting Pythagoras's proposal that small integer frequency ratios account for the perception of musical

consonance and harmonicity [19]. However, recent modelling of the cumulative effects of physiological nonlinearities at each way-station of the ascending auditory pathway has disclosed the presence of 'resonance neighbourhoods' at whole integer ratio spacings on the tonotopic maps of the auditory system [20–22]. This finding not only accommodates a wide range of tuning systems and musical scales found worldwide, but appears capable of accounting for human judgements of consonance, dissonance and tonal stability/attraction in terms of inherent organizational features of our auditory system ([20]; see also [23–27]), as follows.

The pattern of 'resonance neighbourhoods' in auditory system tonotopy is likely to be shared by all mammals, being a product of quite elementary properties of the neural circuitry in question. It did not evolve for purposes of music, in other words, but as an incidental by-product of the interaction of excitation and inhibition in a neural system evolved to process natural sounds efficiently [20]. Not being confined to humans [28,29], it is not likely to represent an adaptation to music. The presence in humans of cultural patterns of musical practice conforming to these subtle resonances in auditory physiology accordingly requires an explanation.

Music is "not confined to humans"

<http://rstb.royalsocietypublishing.org/content/370/1664/20140095>



Tranquility



11. Tranquility

Tranquility means going through in harmony. As for the qualities of the hexagram, above is earth, submissive, and below is heaven, strong: Yang is strong inside, yin is submissive outside. Strength and submission unified, yin and yang correspond; it therefore is called tranquility.



Who is Michael J. Formica talking about?

I have the great good fortune to be the disciple of a Shaolin priest (yes, the real thing, not the current Chinese gov'ts Wu Shu clones). He is 75 years old and a Dragon's Door Taoist grandmaster, as well as Shaolin - he says he's just starting to figure this stuff out and he's been doing it for 70 years. I have seen him mend bones (over a period of time, of course), heal stress fractures, relieve the pain of cancer and arthritis, as well as put out a candle from 20 feet away and knock down a 250 man without touching him.

[Michael J. Formica, life coach, spiritual training.](#)

That was 1996 - is he talking about Haideng?



Taiji as Wuji

In the *Theory on Yuan Qi of Taiji*: "Taiji refers to the state of integrated yuan qi before the separation of heaven and earth. It is the great beginning and the great one." The state before the "separation of heaven and earth" is "wuji" which is mixed and blurry, when qi is generated and distributed to make "yuan qi integrated as one," namely "taiji."

[The Mind Inside Tai Chi: Sustaining a Joyful Heart](#)

By Henry Zhuang

2015, YMAA

The article being quoted is this:

Zhu Xi's Metaphysical System and the Role of the Taji (Great Ultimate) by Kim Han-Sang, 2013.

Although Zhu Xi learned of the Taiji as 'the principle of origin of the universe' from his teacher Li Tong as early as in 1161....It was under the influence of Zhang Shi that Zhu Xi came to consider Taiji in connection with Xing....Taiji is not seen as some primordial undivided material stuff or matter, but clearly is stated as being the metaphysical Dao, as well as containing all the principles of movement and quiescence, and of yin and yang....

Taiji is just the li of all things in the universe....Even before heaven and earth have yet to exist, there must first be this li.

Behind the movement and quiescence is the principle of movement and quiescence and this is what is known as Taiji.

However, the reason why the [Diagram of the Great Ultimate] talks of "Indeterminate yet the Great Ultimate" and says that "Taiji is originally wuji" is not because wuji gave birth to Taiji after wuji, or because wuji existed before Taiji.

Taiji is the metaphysical DaoTaiji is that metaphysical entity that is one with the world of change and regulates it while accompanying it, without undergoing change itself.

wuji serves to define the character of Taiji as without form, but characterized by the presence of principle.

Taiji as wuji is not a primordial material substance - it is also different from the Buddhist notion of emptiness. It is the ground-providing principle behind phenomena that allow transformations in the phenomenal world to occur.



Fabrizio Pregadio on the Immortal Daoist Body

As is common in alchemy, forward processes, or regressive and progressive sequences, occur at the same time: while one goes backward along the stages of cosmogony, the inner embryo grows.

[webcached](#)

"

The cosmos and all entities and phenomena within it are generated through the continuous enactment of this process....

The regressive process of inversion, therefore is also a progressive process of creation...which is the Elixir itself. Not only do the two processes run parallel to one another but they are also ultimately equivalent."

Transforming the Void: Embryological Discourse and Reproductive Imagery in East Asian Religions by Fabrizio Pregadio.



Tibetan medical doctor listening secret

The ear collect the spiraling energy from the cosmos, this energy gives life to man, and we see this vitality in the light which shines forth from our eyes. Tibetan medical doctor.

Tamil Tirumantiram excerpts

They traverse the spheres of sun and moon, pingala and ida, and see visions of past, present, and future. And in that full moon day the nectar, amrita, ripens. Until lowering into the external mind from kundalini heights, time stands still. 875
It is the light of Shiva that beams jnana....It is the light born of constant awareness of the pure sound Aum. 2686

[Secrets of Sound-Current Nondualism from Kabir](#)



Sound-Current nondualism secret

Master Nan, Huai-chin on listening to the wind as the gateway to inherent emptiness

If you read through the *Surangama Sutra*, we read that the Bodhisattva Kuan-shih-yin herself "enters *samadhi* via hearing, contemplation, and cultivation."*The Surangama Sutra* tells us: "Inherent wind is truly empty, inherent emptiness is truly wind." The *ch'i* channels in the body are wind. Once you cling to them, you are finished....When we really open up the *ch'i* channels, then we reach the state where the entire body is light and peaceful and we spontaneously forget the body....the wind element is most important.

To Realize Enlightenment: Practice of the Cultivation Path



Kevin Wallbridge, teacher

A very popular phrase within the world of Chinese physical culture is “意領氣” Yì Líng Qì, or “the mind leads the Qi.” A more complete rendering of the phrase is “

心領意, 意領氣, 氣領身” Xīn Líng Yì, Yì Líng Qì, Qì Líng Shēn, or “heart leads mind, mind leads Qi, Qi leads body.”

[his blog](#)

Very important insight!!

“My opinion is that there are internal and external types of breathing. First seek for the breath to be fully getting through. The distinction is whether or not the breath is getting through. Those who have never practiced boxing arts or are just beginning to, their breathing usually goes no lower than mid-torso before it goes back up, and so their energy ends up floating upward. This is called ‘hindered breathing’. When the breath is suppressed to an extreme degree, the temperament is affected, and that person develops a combative personality. Such a level of internal fire burns them up until they are scorched.

“If the breath is trained to move downward and go directly to the elixir field, then in the course of time, the heart [the peak active organ] and kidneys [the peak passive organ] will be cooperating. Water and fire will be in a state of mutual benefit [as in hexagram 63 (made of water ☵ on top of fire ☲)], keeping internal fire from burning upward. Breathing can thus be natural and not get turned around mid-torso. In this way, the body can be said to be connected inside and out, upper body and lower, energy will flow smoothly, and the breath can get through to the lower torso. But there’s basically only one kind of energy and it’s a mistake to think there are two. The problem is when it is kept from getting through. Ziyu said: ‘Seek for your lost mind. Once you have found it, your Daoist mind is born.’ [This seems to be a paraphrasing from Mengzi, chapter 6a: ‘The study of the Way is nothing more than the quest for your lost mind.’] This describes the Daoist principle of watching and listening inwardly.”

[Sun Lutang](#)



Turn the light or Shen around to bring qi out of the jing - jingqi is Yuan Qi

[There is an excellent essay on the connection of philosophical Taoism to religious Neidan training - by Zhang Guangbao](#)

p. 183, originally published 2006, Beijing.

Inner alchemy from philosophical Taoism.

So he makes the very crucial insight that "yuan qi" actually is "jingqi" - and he cites the evidence for this.

So just as I have argued in my pdf - the alchemy practice is the shen turned around so it is "below" the jing - thereby creating the qi - and this is the eternal process.

According to him [Liu Huayang], the prenatal *jing* and the prenatal *shen* were identical....In the moment of chaos [prenatal shen], there is movement in peace [prenatal jing].

That is how the yuan qi then manifests, after the lower tan tien is filled up. p. 249

Zhang, Guangbao states indeed - this "jingqi" is the primordial cosmic yuanqi - from this process of the shen being contained internally along with the jing to bring out the qi energy.

This is the secret or "golden key" of the yin matter that is a superluminal precognitive signal, faster than the speed of light, as the Wu Chi, as jingqi or noncommutative phase (yuan qi) of yang frequency-Emptiness time- yin wavelength (speed). In other words the secret conversion of de Broglie's Law of Phase Harmony into Taoist alchemy.

When t'ai chi is at rest, yang and yin are united;
when t'ai chi is in motion, the two opposing forces separate. Herein lies the secret of immortality.

The Magus of Java: Teachings of an Authentic Taoist Immortal (on John Chang).

So that again is referring to "turning the light around" to activate the hidden momentum of yuan qi when time is zero.

Or to quote Foundations of Internal Alchemy.

"The whole process is ruled by Spirit....It's movement in 'non-doing' is called Original Spirit." Wang Mu, *Foundations of Internal Alchemy*.

The secret "hidden momentum" of light is the Yuan Qi of the Yuan Shen, the "movement in non-doing."

The key is being open to listening, that's the hardest thing. If you get five seconds of focus you're doing something. You slow yourself down, to maintain your focus, breathing is an important part, if you can pull the visualization without losing the

connection, then it's much easier to shift the energy. If I inhale and exhale and be more objective, not so subjectively pulled into the experience, it would be like taking a snap-shot, looking at the snap-shot, keeping it steady while I was breathing. I could then keep my focus on something for an extended period of time. All I had to do was wait and the energy would shift on its own.

[Qigong master Jim Nance](#)

The two kinds of gravity, attractive force energized by matter and repulsive force by dark energy, like that of electromagnetic interaction by two opposite charges, can closely coupled to keep the universe in thermal equilibrium. Analogous to an electrically neutral object producing thermal phonons inside and radiating out thermal photons, the dark sector of the universe, being gravitationally neutral and thermally equilibrated, would produce thermal phonons, within which we, the observers, are immersed.

Ti-Pei Li and Mei Wu, December 2016 pdf

Erik Verlinde Phonon Graviton model passes first test - December 2016

Instead, the creation process says that each particle has both positive and negative angular momenta (spin) at the same time.



MMA gets a 15 mn break if hit in the balls but not real traditional Kung Fu Qigong!

Anyone can translate 馬陰藏相？

It means men's reproductive organ go inside the belly, just like the horse.

I don't know if horses have this situation.

One who practices Ming goun very well can have the situation like this.

Is anyone here has this situation?

馬 horse

陰 reproductive organ

藏 hide

相 look like

[Balls of Steel video of training the retraction](#)

My body became immovably rooted; breath was drawn out of my lungs as if by some huge magnet. Soul and mind instantly lost their physical bondage, and streamed out like a fluid piercing light from my every pore. The flesh was as though dead, yet in my intense awareness I knew that never before had I been fully alive. My sense of identity was no longer narrowly confined to a body, but embraced the circumambient atoms. People on distant streets seemed to be moving gently over my own remote periphery. The roots of plants and trees appeared through a dim transparency of the soil; I discerned the inward flow of their sap.

The whole vicinity lay bare before me. My ordinary frontal vision was now changed to a vast spherical sight, simultaneously all-perceptive. Through the back of my head I saw men strolling far down Rai Ghat Road, and noticed also a white cow who was leisurely approaching. When she reached the space in front of the open ashram gate, I observed her with my two physical eyes. As she passed by, behind the brick wall, I saw her clearly still.

All objects within my panoramic gaze trembled and vibrated like quick motion pictures. My body, Master's, the pillared courtyard, the furniture and floor, the trees and sunshine, occasionally became violently agitated, until all melted into a luminescent sea; even as sugar crystals, thrown into a glass of water, dissolve after being shaken. The unifying light alternated with materializations of form, the metamorphoses revealing the law of cause and effect in creation."

"Cosmic Consciousness Explained" chapter 14, *Autobiography of a Yogi*, Swami Yogananda



My online articles, books, etc.

- [Mystery, Magic, Music and Metaphysics: The Psycho-Physiology of Pythagorean Philosophy as a scribd](#)
- [The Mind Possessed: Matrifocal Music Healing](#)
- [Spooky Activists At a Distance!](#)
- [Trance Songs: How to Make Love to the Universe \(Lulu book, 2008\)](#)
- [2000 U of MN Final Op-ed - Primoridally Repressed by Psychic Vampires Drew Hempel](#)

- [1998 Corporatization Root of All Evil expose letter University of MN Daily Drew Hempel](#)
- [1998 Organized divestment of Total Oil from University of MN for slave labor in Burma](#)
- [1998 Land Mine/Depleted Uranium protest civil disobedience](#)
- [1998 Drew Hempel arrested against military depleted uranium land mine corporation](#)
- [1998 Drew Hempel expose U of MN Daily op-ed on military waste](#)
- [1998 Drew Hempel working at human rights/social justice restaurant fundraiser nonprofit - U takes over and shuts down](#)
- [1999 Drew Hempel University of Minnesota Op-Ed on corporate corruption control of science](#)
- [1999 Drew Hempel protest against slave labor sweatshop clothing for Nike-U of MN sports profits](#)
- [2000 Drew Hempel organizing Workers Rights Consortium at U of MN](#)
- [1999 Drew Hempel disrupts U of MN president annual address - genetic engineering expose](#)
- [2000 Drew Hempel U of MN Daily op-ed on Cargill, world's largest private corporation destroying the planet](#)
- [2000 Drew Hempel U of MN Daily Op-Ed on Water crisis sucking us into revolution](#)
- [1999 Drew Hempel report on confront V.P. Al Gore about CIA drug dealing, U.S. human rights violations linked to AID and abrupt global warming](#)
- [1998 Drew Hempel report on 1.5 million killed in Iraq by U.S. led genocidal sanctions](#)
- [Everything posted by Voidisyinyang on thedaobums](#)
- [Being in Two Places at the Same Time: The Phase of Spiritual Vibrations Consciousness Training, The Echo World, Oct. 2017](#)
- [The Natural Resonance Revolution: Black Hole in the Brain, 2007, reposted 2010](#)
- [Actual Matrix Plan translated into Spanish](#)

- [Interview with me, in Spanish, by a long-time reader in Spain](#)
- [The Devil's Interval and Pre-established Deep Disharmony of Western music tuning, secrets of acoustic alchemy music theory](#)
- [Master's Thesis 2000 Epicenters of Justice, "hidden mysteries" magazine](#)
- [You Can't Fake the Full Lotus \(translated into French by Marie-France Vaillancourt for David Ownby class Course Blog HST2621, "The Religions of Modern China," given the winter session, 2012, at the University of Montreal.](#)
- [The Rotten Root \(article, 2001\)](#)
- [How Qigong or Taoist Yoga Explains Gurdjieff](#)
- [Gurdjieff and the Triode Amplifier \(article\)](#)
- [Against Archytas \(article\)](#)
- [The Secret of Psychic Music Healing \(article\)](#)
- [The Highest Technology of All Technologies \(article\)](#)
- [You Can't Fake the Full Lotus \(article\)](#)
- [Do-Ohm Up the Yin-Yang! Amazon.com e-book](#)
- [BioMusic Conspiracy article 2006](#)
- [2017 The Idiot's Guide to Taoist Alchemy Qigong, Enlightenment, Neidan, Nei Kung, Neigong training for males \(idiot's guide to taoist alchemy.pdf\)](#)
- [Actual Matrix Plan expose from 2001](#)
- [2000-1 U of MN master's thesis, "Epicenters of Justice" Sound-current nondualism, radical ecology, music theory](#)
- [2012 Alchemy of Rainbow Heart Music pdf book](#)
- [The Secret Science of Spiritual Healing 2 part article series](#)
- [Natural Resonance Revolution lulu books - full free preview](#)



Ecological Health Restoration

Nothing is lost, sweet self, Nothing is ever lost. The unspoken word Is not exhausted but can be heard. Music that stains The silence remains 0 echo is everywhere, the unbeckonable bird! ***Echo* by Lawrence Durrell**



Drew W. Hempel, master's degree in sound-current nondualism (U of MN, 2000)

[Voidisyinyang](#)

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Lungs direct qi downward

The Lungs also direct *Qi* downward. A full inhalation can only occur when the Lungs send *Qi* down to the Kidneys, which in turn “Grasp The *Qi*.” This is essentially “*Dantian* Breathing,” or “Kidney Breathing,” the deep abdominal breathing advocated in meditation, Nei Gong and the martial arts. For this reason, natural deep breathing is of paramount importance in the internal arts.

[Tom Bisio](#), author of *Nei Gong: The Authentic Classic (Nei Gong Zhen Chuan)*



Chapter Four: Cracking the Cosmic Mother Ostrich Egg Omphalos Female Formless Awareness Alchemy secret revealed

So this new blog is to celebrate my last article from my old blog. Newton realized by reading Lucretius that in fact there is an antigravity void that causes fire to rise up. Newton did NOT realize this was a reference to ancient advanced acoustic alchemy! In Buddhism as my last blog details, the Wind Element empties out the Realm of Form, into the Formless Realm. What this means alchemically is that Water as the Kidneys is powered alchemically by the Lungs as Metal. Metal is Lead as external air that we breath but through deep breathing we activate the Fire into the Earth to turn the secret Air in the Water - the Female Formless Awareness in the Water is the White Tiger (the ionization of the neurohormones life force) that is the Sun going under the Moon (the Dragon or fire qi of the liver, green dragon) going under the water in the kidneys to bring out the secret Air as Female Formless Awareness - or Kundalini activated as the N/om energy - the secret Air in the Water.



[First Legends website has good info on this ancient alchemy secret except it is Urantia propaganda! oops](#)

The site of Delphi has been inhabited at least since the Neolithic between 5,000 and 3,000 BC. The next stone is wrapped with the serpent Python who guarded the omphalos at Pytho the name before the site was called Delphi. Omphalos meant "center of the Earth "and "navel" to the Greeks. The leaves ringing the bottom may be a reference to the Tree of Life. The last is an Egyptian illustration of the stone with two birds and two serpents.

So Plato taught the lie of Fire as the first element when in fact Air is the first element as Air is the formless - but the Air is reversed as the secret alchemical Ether of Metal - when we close the eyes, then we use internal listening to

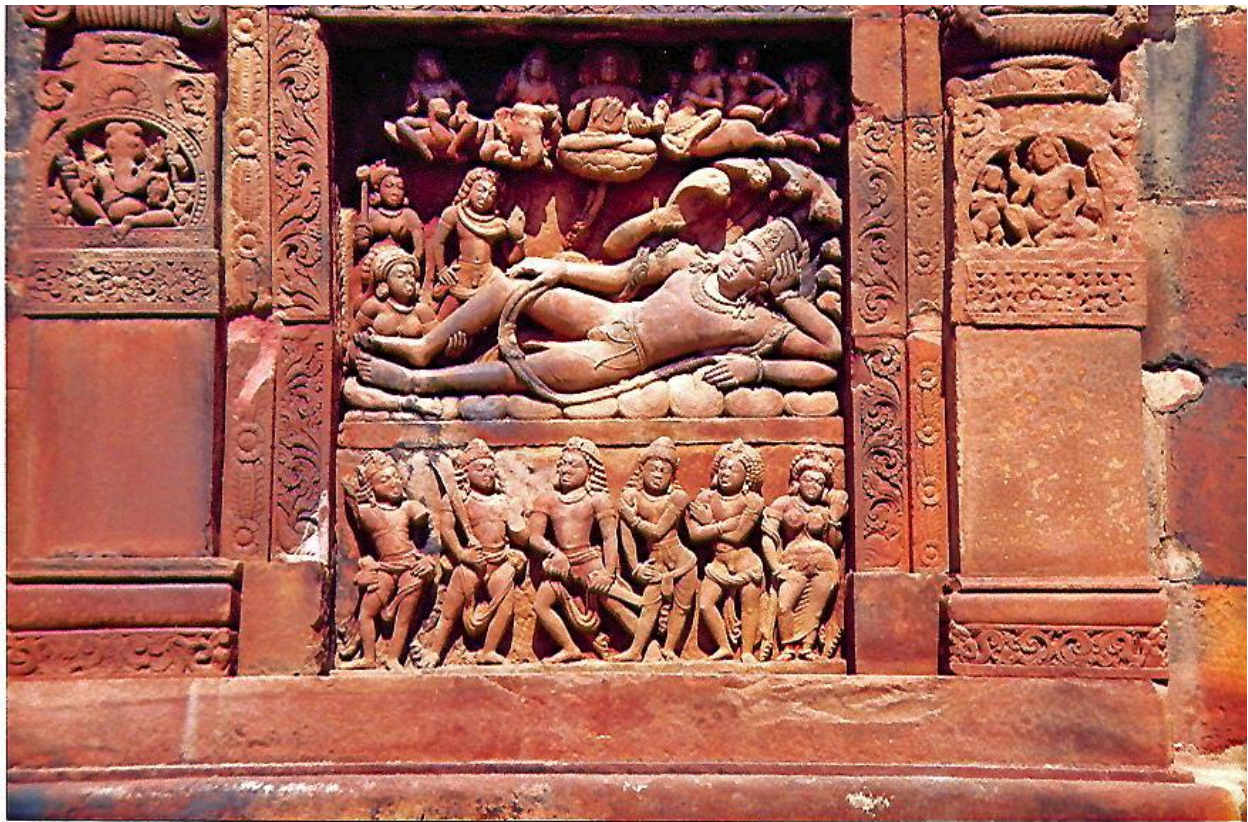
REVERSE the air of the lungs - so that the Air is not the sound that creates Light - as the secret Fire of the Light - the sound-current nondualism.

And so for the original Human culture - the San Bushmen - they teach to visualize fire at the base of the spine but then they teach that when the N/om builds up (the snake or Pythias or Naga or Kundalini - literally meaning Fire into the Hole in the Earth - the Sacrum bones turned sacred) - so then we get the secret Air in the Water being exhibited through the Moon of the Third Eye. This is called the first half of alchemy as the Tai Chi manifesting - the light of the Moon - as the third eye opens up in *Taoist Yoga: Alchemy and Immortality*.

So the Void as Ether (air) causes Fire to normally rise up out of the eyes as the secret ether power of the shen spirit light - from the liver. But by closing the eyes and doing reverse breathing and listening to the source of light - we reverse this relationship of Air and Fire so that the secret qi power of Water (originating in the lungs as metal - the air turned into alchemy) goes DOWN to the earth (bones sacrum sacred) to ionize the neurohormones of the reproductive life force (the kidney energy doubles the adrenaline and dopamine and then the vagus nerve is activated after extreme sympathetic nervous system activation to cause vagus internal orgasms as kundalini - FIRE IN THE HOLE!!).

And this is the of why Air is before Fire - with Air as the Female Formless Awareness of Alchemy and the reason why internal listening creates the qi as the reverse time force - since with listening with the eyes closed we listen with the right brain dominant along with visualization which then activates the right side vagus nerve. And so through meditation as internal listening - the Inner Ear method of Sound-Current Ether secret - or Silence Samadhi aka Mouna Samadhi (the highest level of samadhi) - the Dragon Fire of the heart stops rising up AWAY from the water (the separation of Heaven and Earth) but instead the Air goes on TOP and pushes the Fire (light) DOWN.

And so this is the secret of Fire into Earth as $8/12$ or $2/3$ subharmonic undertone - causing Water into Air as $9/6$ or $3/2$ overtone.



Vishnu with the Kundalini Naga Pythias in the Womb-Tomb of the Cosmic Mother

And so the first human culture, the San Bushmen, then state that as the N/om energy builds up then the Ostrich Egg of First Creation Cracks Open - this means - alchemically that just as they teach to visualize fire at the base of the skull - they knew that there is a secret Ether power inside Water.

In Indian mythology Vishnu is found lying on the serpent Ananta inside the cosmic egg which when split half becomes the omphalos.

<http://elixirfield.blogspot.com> has my research. Thanks, drew hempel - I take it back to 70,000 years ago with the San Bushmen alchemy (Cosmic Ostrich Egg cracks open from the N/om snake kundalini of Fire into Earth turning Water into Air based on music harmonics)....



Shesha is generally depicted with a massive form that floats coiled in space, or on the [ocean of bliss](#), to form the bed on which Vishnu lies

[Journal of Religious Psychology](#)

<https://books.google.com/books?id=Y9pDAQAAMAAJ>

1911 - Psychology, Religious

It is further possible that in the case of a single egg associated with Apollos there may be the thought of the solar as well as the *Cosmic egg*, Apollo being identified with the sun. Finally, in the *omphalos* on the Cyprian scarab (fig. 42), we are not to see the cone of the Paphian goddess, but of Artemis. Ashtoreth the Cow and ...

[Journal of Religious Psychology: Including Its Anthropological and ...](#)

<https://books.google.com/books?id=pJFHAQAAMAAJ>

Granville Stanley Hall, Alexander Francis Chamberlain - 1911 - Psychology, Religious

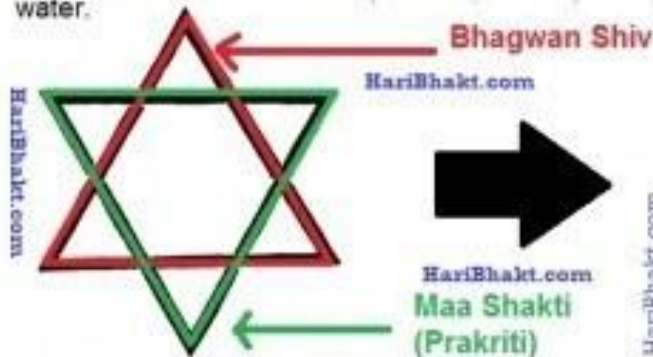
When we recall that Apollo was represented at Delphi by the serpent Python, we can readily see that here we have the *omphalos* of Artemis encircled by the symbol of Apollos. ... We have here but a further illustration of Apollo apprehended as the vitalizer of the *Cosmic egg* as also of Artemis in her character of fertility.



Tree of Life with Cosmic Mother Goddess Omphalos

And so the Tree of Life is turned upside since the Roots are fed by the Air as the secret ionization of water as the reverse time Earth - and so the Brain (the roots of the human is now the roots of the plant) are feed by the secret Air qi in Water - this causes the Yuan Qi to emanate out of the Pineal Gland - consciously instead of subconsciously.

षटकोण or Six Pointed Star in Hinduism is is two interlocking triangles; the upper stands for Shiv, 'purusha' (male energy) and fire, the lower for Shakti, 'prakriti' (female power) and water.



The union is divine birth of Sanatkumar, whose sacred number is six, who preached Shiv Tattva to Sage Vyas



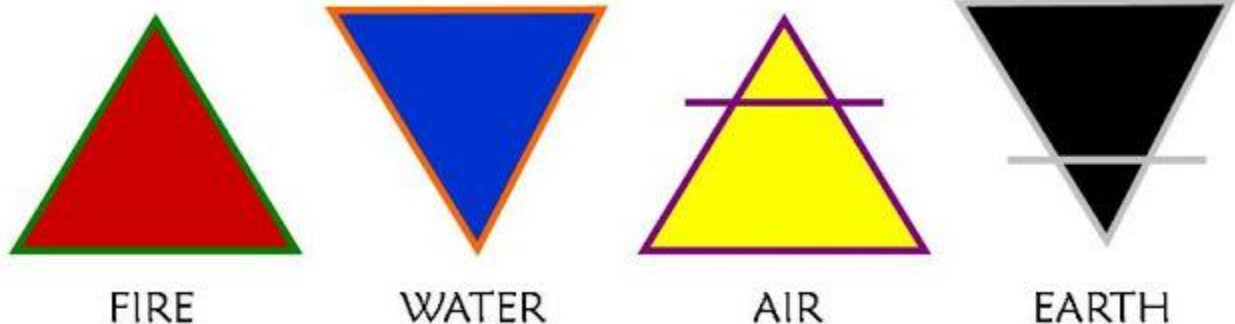
[Somebody discovers that Islam is actually an ancient alchemical Shiva-Shakti](#)

[worship as the Womb-Tomb Cosmic Egg](#)

And so the real secret of the 6 pointed star - in both Hinduism and Tantric Judaism is that the Lunar energy has secret Female Formless Awareness Ether or Aion as Kundalini Snake Goddess Air - in the Water. And so when the yin qi fills up - this cracks open the Cosmic Female Ostrich Egg as the Air in the Water of the Third Eye - as the Soma (Moon) as Menses (Mind) - with Forest also meaning Mind around the world - the secret of turning the Tree upside down is the same quantum biology secret of how plants turn WATER into reverse time force - which is how trees and grow so tall.

<https://stjudasmaccabaeus.wordpress.com/2012/11/20/the-star-of-david-symbols-of-the-four-elements-earth-water-air-and-fire/>

So what people don't realize - when they discover this secret - is that is it based on Ancient Advanced Acoustic Alchemy!



And so the reason that the Stupas in ancient times - just like with Islam and Judaism - has the Lunar Crescent Moon energy as key - is because it is ONLY after the Lunar ionized water energy is built up through proper purification - the secret reason why in the Hadith of Islam - the Left Hand is Lunar and Right hand is Solar - is because the Lunar energy originates as Yuan Qi (white tiger as female formless awareness Sound-current Ether (the air in the water)).

It is only after the Cosmic Ostrich Egg (Tai Chi) is cracked open that the breathing enters the formless realm of the secret OM power of Light - and so the body pulsates with qi - the Bindu Chakra is the back of the skull as the Heavenly Drum of Shiva - because it is the secret source of Amrita recharged as the Sound-Current Ether of the Breathing of the Cosmic Mother Void (spacetime vortex). You can see my new blog for the details.



Druid Cosmic Mother Omphalos in Ireland

So this is why Sri Yukteswar calls it "breathless ecstasy" because as the vagus nerve energy builds up then the body fills with qi as reverse time energy - and so the centers of the hands and feet literally "breathe" or pulsate with qi of the Cosmic Mother - and the top of the skull literally "pulsates" and breathes - so that actual physical breathing is no longer hardly necessary. This is how yogis can be buried alive or live without water and food and sleep. it's also the secret power of Wim Hof's Tummo breathing - that science can not measure since it's actually reverse time quantum entanglement force power as superluminal momentum from negative mass.

So the secret alchemical power of the Spring Equinox is that in the northern hemisphere the Fire of the Sun has gone into the Earth all winter there by Ionizing the Water as reverse time energy for new life - and so the Dragon reemerges as the Kundalini or reverse time energy secret force of the Water.

An island legend tells of a lonely monk who fell in love with a mermaid. When she was banished, she shed tears that can be found today as small green tear-shaped crystals along Iona's beaches. There are also legends about magical "green eggs," called Druid's Eggs or Serpent's Eggs

the Spring Equinox festival became christianised and rebranded as Saint Patrick's day.

And so St. Patrick was to drive out the dragons.

Nicholas de Vere describes ancestral proto-Scythian Druids in *The Dragon Cede* (2010): "Witch" in Gaelic is "druidhe" — drui — or "druid." In practical terms a Scythian druid was an overlord. . .hence, a witch was a Dragon." So, the Druids were Scythian-Draconian overlords who came to proto-Scotland in ancient "Celtic" migrations.



Easter, and St. Patrick's Day, occurs in the middle of March in the Northern Hemisphere. It marks the beginning of Spring and the time when days and nights are of equal length. Megalithic people on Europe's Atlantic fringe calculated the date of the Spring Equinox using circular monuments constructed of huge stones.

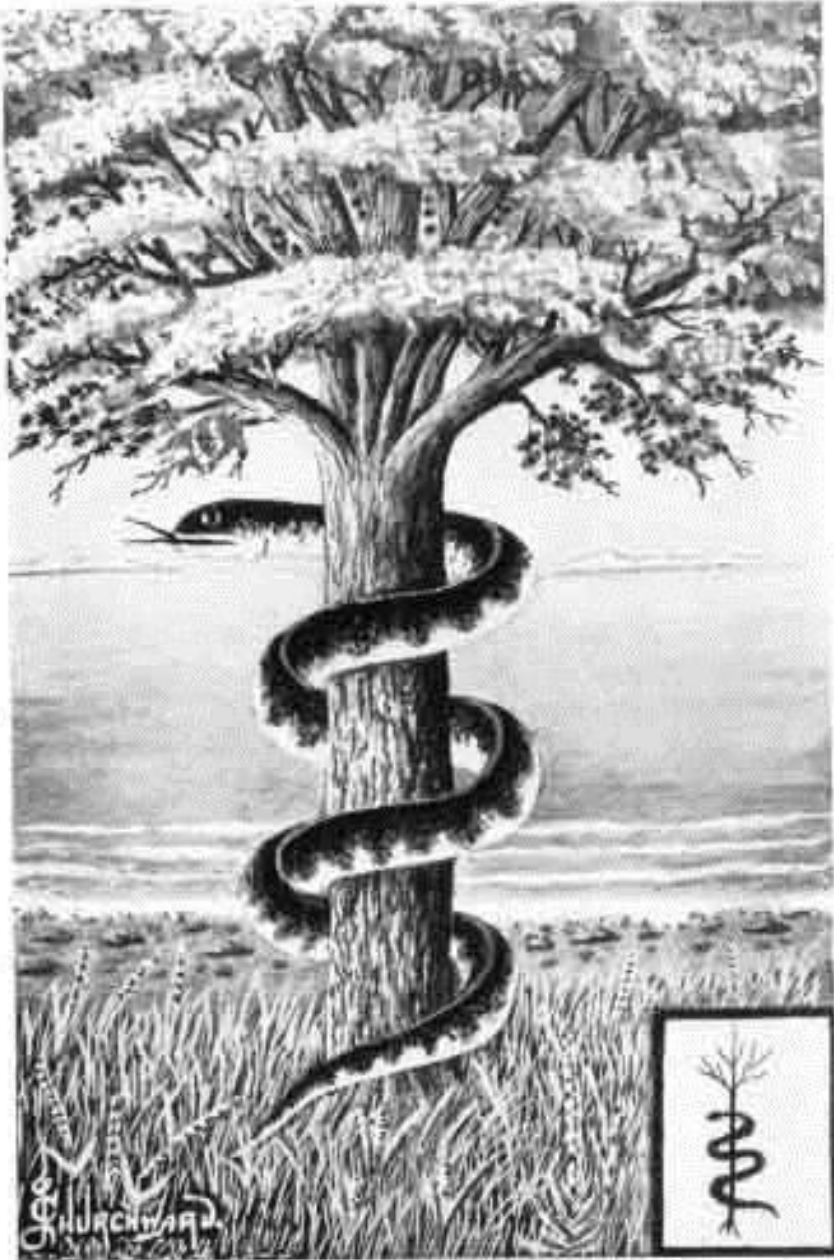
[And so St. Patrick's Day is like Holi in India](#) - it is between the first Full Moon and the Spring Equinox because it is the secret harmonics of the Moon and Sun that make the first Full Moon closest to the Equinox such strong energy. The Shaktipat it the FEMALE sound-current Nada Force of Shiva that is from the "yin qi" that has been built up over the winter - and matured into the Yuan Qi, the White Tiger female energy that is at the same time the secret Yang or Air in the Water. And so the Air fully opens the third eye as Heaven on Earth, harmonized by humans - as the real Humus that restores vitality to the Earth. So that the Tiger as water is fully turned into Yin Qi and the Dragon as fire is fully turned into yin qi - and so

the yin jing is now longer lost as lower emotional outbursts - through the sympathetic nervous system.

The myth likely developed with the snakes being used as a metaphor for the removal of Paganism, particularly since Irish druids carried staffs carved with snakes.

In another legend, St Patrick's walking stick grew into a living tree.

And so we have the Tree of Life with the Kundalini Druid energy.



When the tree of life is turned upside - then the Harmony of the Tree of Knowledge (Heaven) and the Tree of Life (Earth) is achieved. Thereby cracking the cosmic Ostrich Egg (that the San Bushmen us to carry water)... and considered a strong source of N/om snake kundalini energy from 70,000 years ago!!



<http://www.thenummo.com/thesmithgod.html>

In Dogon mythology, the musical octave was a metaphor for the third and final Nummo experiment. The octave is eight notes on a scale over a space of seven intervals. The Dogon believed the seven intervals, or notes, symbolized the seven vibrations, which in turn created the eighth ancestor identified with the eighth note. The Master (Mistress) of Speech, or seventh ancestor, who was the perfect combination of Nummo [Kundalini Snake] and human, was symbolic of the seven vibrations.²

In the Dogon society, these notes or vibrations were expressed through the ringing sound of the hammer striking the anvil in the smithy. The smithy was like a church, temple, or sanctuary in Dogon society, and the Smith was an important figure in the religion because the alien Nummo were said to be "Heaven's Smiths."³ The fire from the Nummo spaceship and the sound of the vibrations that emitted from the ship no doubt contributed to the association of the Nummo spaceship with a smithy. It was also in the smithy where humans and various implements were created.

Contrary to the CIA New Age propaganda of the "ancient alien genetic engineering" claims - the real Ancient Advanced Acoustic Alchemy secrets tell us the truth of Black Smith Pythias alchemy!!

In discussing the Smith, Campbell reports the findings of Mircea Eliade who wrote that the "leading idea of the mythology was of the stone as a mother rock and the iron, the iron weapon, as her child, brought forth by the obstetric art of the forge." This was compared to the saviour Mithra, born from a rock with a sword in his hand.[26](#)

During the process when humans were created and regenerated in the omphalos stones, the individual being regenerated would be wrapped around with what the Dogon referred to as the cord of God. According to the Dogon, during the regeneration process the soul was transferred into the newly created body and the cord of God became the new body's backbone. (See Chapter 9).

The cord of God is the Tree of Life as the chakras of the spinal cord....God literally meaning Cow or Bull with the Moon as the Cow Goddess - and from the Sumeria Music shamanism of the Divine Lyre.

The Smith's hammer and other Dogon religious symbols also appear on Celtic Pictish stones.

An Irish legend states that the Picts came from Scythia, near the Black Sea, and migrated up through Europe before arriving in Ireland, where they helped the Irish against their enemies.

Trees played a significant role in the Dogon religion from a practical as well as a religious perspective.[29](#) Trees were related to the three "words"

So the Picts of Ireland were actually the older West Asian Dravidian-Sumeria farmers - not the Yamnaya Dairy Chariot later Bronze Age arrivals as Celts.

In the myth, Zeus entrusts the limbs of Dionysus to Apollo, who sets them beside his own tripod at Delphi. The omphalos at Delphi is what marked the holy site, considered the centre of the Greek universe

And so this is clearly the secret of Ancient Advanced Acoustic Alchemy revealed.

As a result, Zeus was hidden in a cave on Mount Ida in Crete and escaped being eaten by his father. In the meantime, Rhea wrapped a stone in swaddling clothes and gave it to her husband, who promptly swallowed it, thinking that it was his son. When Zeus had grown up, he forced his father to disgorge the contents of his stomach using an emetic. The stone came out first, followed by Zeus' siblings.

This refers to the Small Universe meditation during incubation! The ionized qi water is swallowed as the Cosmic Womb-Tomb (Omphalos) energy - after it overflows out of the sinus cavity to the skull - and then the Qi is absorbed back into the Counter-Fire (Hades) of the small intestines.

In fact in Australia the Aborigines claim to have special energy infused crystals that are injected into people's bodies - just as the San Bushmen call these energy stones or arrows - they can be bad or good - just as anger can be yin qi energy that is a lower emotional force that can still be Righteous Anger since it can be from the heart.

The word baetyl may have originated in the Punic 'betel' or Semitic 'bethel', both meaning 'house of god'. According to some ancient authors, these baetyls were believed to be meteorites.

And so we learned from the first comment on this new blog - that Jesus was from a Zeus combination god - with the Sin goddess from Sumeria - as Jehovah had taken over the moon god. And so to be born in Bethel meant just as Abraham enabled Jehovah to take over Sin Moon Goddess - Zeus took over the mother goddess as well.



[Cosmic Mother Earth Navel Stone from 3,000 to 5,000 BCE, Bulgaria](#)

For example, there were baetyls in the [Phoenician](#) cities [Byblos](#) and [Tyre](#). In the hinterland of these ports, the sun god [Elagabal](#) of Emesa was venerated as a conic black stone that was protected by an eagle, the Syrian sun-bird (cf. the standing eagle visible in front of the conic baetyl on the coin)

In the early Solar farming - the Sun was still female since it was understood alchemically that the FIRE ETHER of the Sun (light) is female formless awareness or Jnana, reverse time or AION female formless awareness-energy.

And so it is claimed that Baetyl is the oldest stone religious sculpture - in Bulgaria. But this is not true!!

<http://thegreatlearning.tripod.com/GM-picturegallery.htm> A whole gallery of ancient Mother Goddess statues.

http://www.isisrising.net/berg_html/Legacy.html And so the claim that this Mother Goddess worship is documented as far back as 30,000 BCE!! But EVEN THAT IS NOT THE OLDEST YET!!



The Venus of Laussel.

19,000 BCE

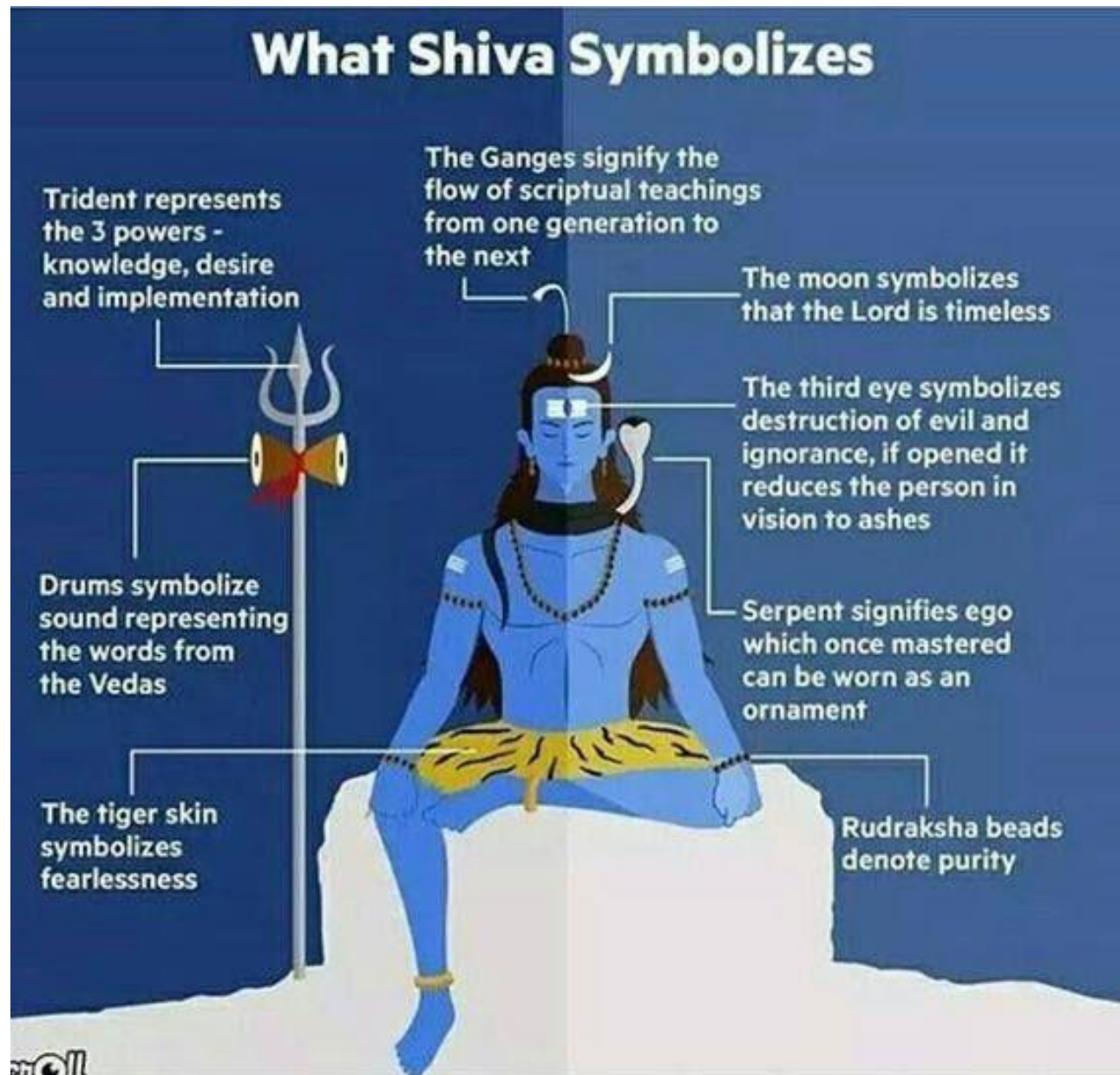
[What we do know is that the Pythagorean meditation as Incubation of the Cosmic Mother Egg that cracks open - goes back to the older Near Eastern Mother Goddess cultures](#)

Sleeping in the temple then becomes a way in which the prayer to the god to cure the affliction is accompanied by an effort to get especially close to the god and to provide a conduit by the which the god can communicate directly with the patient (the dream). The ideas that had slowly developed in Egypt and the ancient Near East, seen in Gudea's dream, the 'Opening of the Mouth' ritual, the Epic of Gilgamesh and so on, eventually coalesced into a ritual practice that could be performed by anybody who could afford the sacrificial offering.

And so we know that Osiris originated out of Nubia and the claim is then that alchemy actually was from Ethiopia which is where also the oldest San Bushmen tribe lived - the Sandawe.

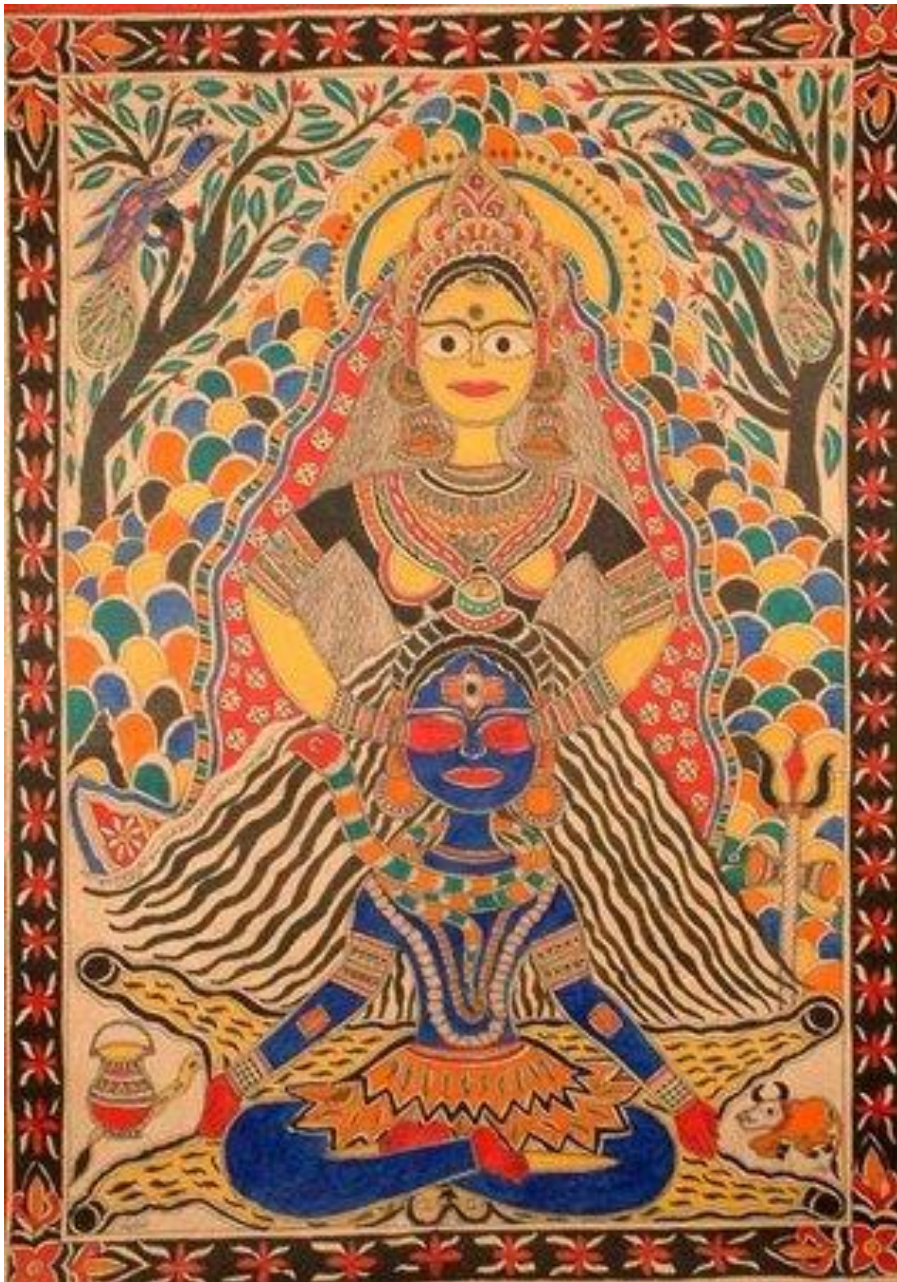


[Which finally brings us to the OLDEST known cave meditation N/om kundalini site - dated to 70,000 BCE!!!](#)



And so Shiva is Blue, just like Krishna because the Cow Goddess Jumped over the Blue Moon - Hathor is the Cow Goddess that is Blue - it is the serotonin blue-light spacetime shift of the Emptiness. And so the Tiger is actually the same meaning of the Tiger in Daoist Alchemy - it is the secret of the Air in the Water - the Yuan Qi is the Tiger as female formless awareness. The Crocodile of the 2nd Chakra has

been awakened into the Kanda as the sacred Hole in the Ground (hole in the Sacrum) as 2/3 harmonic from the tip of the toes to the tip of the skull - where the Heavenly Drum is or Bindu Chakra, the Drum of Shiva. - and so the Lower Tan T'ien is the Dragon but after it fills up then it is transformed into the Tiger as Yuan Qi Earth - Greater Yin.



Parvati is the Cosmic Mother who gives Shiva his energy based on the music of the three gunas:

[Kingdom of Shiva - Page 242 - Google Books Result](#)

<https://books.google.com/books?isbn=1482813408>

[SIVKISHEN](#) - 2014

Veena is a plucked stringed instrument of *music*. There are several variations of the Veena and associated with the Swadhisthana chakra. Lord *Shiva* and *Parvati* dance to the *music* that emanated from this instrument. The Tabla usually provides sound at the notes Sa and Pa. The Tabla played using the fingertips and open ...

Forest Dweller - the relevance is that the first white people to move to Europe were ecological crisis "refugees" FLEEING the raping of Mother Nature - about 8000 BCE since the lime ash cement furnaces to water proof the housing had deforested the near east after 1000 years of monoculture wheat farming. And so the plow-based patriarchy had the "symbolic revolution" to "contain" infinity (Mother Nature) through rectilinear geometry. So you have complex divide and average geometric magnitude math in Babylon - and so into Egypt and Israel - and then the Greeks came in and so the rot spread - but farmers in Europe after they first moved there as white people refugees - lived separately from hunter-gather tribes for a couple thousands of years!! So it was a dramatically different culture - God means Bull as in plow-based farming and Brahma means Bull - and it spread around the world as ecological imperialism. So 90% of human history - before Wheat Plow patriarchy farming - we did live sustainable. There is nothing wrong with pointing out the problem started in the last 10% of human history. What happened is that the Younger Dryas had a dramatic cooling - after people were already starting to domesticate plants but not rely on them - and so because of the global cooling - then suddenly farming went big time to try to increase the calories. But it was wheat monocultural farming that really thought infinity could be contained - sure Inca Solar worship and Aztec Solar worship wasn't any better - in some ways worse. Pederasty as a culture in the Aztecs then spread into Mayan late civilization. No wonder it's the most violent region in the world - ejaculation addiction as sadistic mass murder and rape.

CONCLUSION: The OZ EFFECT: The Strange Fate of the EMDrive: Sonofusion Acoustic power and Metamaterials

Scientists have continued to note the lack of unbiased coverage, from both polarized sides.^[30]

In 2006, responding to the *New Scientist* piece, mathematical physicist [John C. Baez](#) at the [University of California, Riverside](#), and Australian science-fiction writer [Greg Egan](#), said the positive results reported by Shawyer were likely misinterpretations of experimental errors.^[31]

In 2014, [Harold White](#)'s conference paper suggested that resonant cavity thrusters could work by transferring momentum to the "quantum vacuum virtual plasma."^[32] [Baez](#) and [Carroll](#) criticized this explanation, because in the standard description of vacuum fluctuations, [virtual particles](#) do not behave as a plasma; Carroll also noted that the quantum vacuum has no "rest frame", providing nothing to push against, so it can't be used for propulsion.^{[9][33]} In the same way, physicists [James F. Woodward](#) and Heidi Fearn published two papers showing that the amount of [electron-positron virtual pairs](#) of the quantum vacuum, used by White as a virtual plasma propellant, cannot account for thrusts in any isolated, closed electromagnetic system such as a [quantum vacuum thruster](#).^{[34][35]}

Physicists Eric W. Davis at the Institute for Advanced Studies in Austin, and [Sean M. Carroll](#) at the [California Institute of Technology](#),^[36] said in 2015 that the thrust reported in papers by both Tajmar and White were indicative of thermal effect errors.

And so this is the Law of Phase Harmony at work - Frequency is to Time as Momentum is to Wavelength. By creating an asymmetric phase wave you get force as antigravity propulsion.

There are 2 main views about this technology. One) the military already uses it based on Tesla's concept. I recently documented that Tesla's scalar energy - his free energy transmission - was the SAME equation as the de Broglie Law of Phase Harmony. I PERSONALLY know from experience the military has secret aircraft propulsion as I saw one of those black equilateral craft up so close I could have hit it with a rock! Summer 1997. Also my first physics class (and ONLY physics class) was from Professor Herbert J. Bernstein - who got his quantum entanglement

research "classified" by the military as "top secret" without his own prior knowledge! He was surprised to discover it has been classified top secret! And now his quantum entanglement satellite communication technology is being tested by NASA - but as one of the top experimenters in this field - Alain Aspect - notes - this stuff - a lot of it is classified top secret.

Two) - It's all a fraud - this is the current "wikipedia" or "reddit" meme - the kind of "pop" science "off the shelf" technologists view of science promoted by Richard Dawkins and the fervid materialistic idealism Atheist crowd. Guess what? Richard Dawkins is actually a Platonist - not an Atheist! haha. I exposed that back over ten years ago.

And so we know that Metamaterials are also a lot of top secret classified military research - and we also know that the same principles are at work in Sonofusion.

And similarly Positronium - which is antimatter as a weapon. Joseph P. Farrell has made the claims and arguments - very much along the same lines as me - only he thinks that ancient civilizations were REALLY ADVANCED with spacecraft and cosmic battles, etc. No - I think that is actually CIA propaganda along the lines of the ET propaganda that is so prominent.

People REALLY want technology to "save" us in the face of the ecological crisis. As Dr. Gee McPherson - or Professor Emeritus Guy McFearSun - has emphasized - all the evidence is overwhelming that the Goose is Cooked - and we don't know when the problem became unfeasible.

In other words just as ADVANCED ACOUSTIC ALCHEMY continues to exist in the "top-secret fraud" realm - so too does ANCIENT ACOUSTIC ALCHEMY because we don't know if alchemists started this problem in the first place. I mean archaeologists call it the "symbolic revolution" - and you can see suggestions of this with Ramana Maharshi. He says that his I-thought eternal resonates or pulsates out of his Heart has his sense of formless awareness beyond death, the formless awareness of the Universe. I had the amazing experience of this "beyond

the heart" formless awareness - the Qi of the Ether - from qigong master Jim Nance.

It actually happened a couple times - one was in my room at night - I was woken up by his qi energy working on me - and so I KNEW that his spirit was in the room - as he does long distance healing - but I could not see his spirit and yet I could FEEL his ether-qi that he activates for his long distance healing. haha. And the 2nd time is when the right side of my heart suddenly was overwhelmed by strong qi sensation - and so I shut up in silent shock, after I had been ranting about politics. And qigong master Jim Nance then said: I just wanted to see if you were speaking from your heart and you were.

So this stuff is very difficult to PROVE and what qigong master Jim Nance has told me is that - what is really impressive is if people are still thankful to him for a healing he has done - TEN YEARS LATER. Because you can get someone to give a testimonial right after the healing - but that is just their MIND whereas their HEART as spirit intention can then reverse what their mind as personality was experiencing. This is the difference between "character" as the real intention of the spirit frequency of light - and "personality" as the - what in India is called "vasanas" - well I mean it is closely connected - the personality will change based on the social context while the Character is the subconscious that is hard wired - and so manifests as personality sometimes.

And so we as a human species have the same paradox. We face the end of the road and are destroying the road of life on Earth as we drive accelerating to the end of Time as a Spatial logarithmic measurement - based on the WRONG music theory! And so our personality is the CAR - sometimes it swerves to the Left, sometimes to the Right. This is the SAME metaphor of the chariot and horses in the Vedic sacred scripture.

And so Jenny Randles, the UFO (transmorphogenetic) researcher dubbed this the OZ EFFECT - as I discuss in my 2012 pdf, Alchemy of Rainbow Heart Music. People hear the high pitch sound - the buzzing - and suddenly are having a kind of DMT-type vision where 4D spacetime seems "more real" and yet in the future and the past at the same time. And after it is over, a person is left TRULY STUNNED that

our mind is not real, our physical body is not real - but ONLY the Cosmic Mother is real and no ONE will ever see her.

You may think that the Uncertainty Principle has nothing to do with music. But the formula can be transformed into the relation between time and frequency of waves. ...Now we have found out the fact that it is impossible for us to know the exact frequencies in our sound wave at an exact moment in time.... In other words, theoretically we cannot get the perfect fifth tone with a frequency f from a root tone with a frequency f_0 by calculating $f = f_0 \times 3/2$.

The Russian astrophysicist Nikolai Kozyrev also discovered the secret of this superluminal ether as a scalar wave - [Time is a form of energy](#). "Cause or Asymmetrical Mechanics in Linear Approximation"

N.A. Kozyrev calculates the qualities of stellar matter where it functions as a transformer of time-form energy into heat-energy. It is concluded that the transformation involves several electrodynamical processes, but, generally, any closed mechanical system can produce energy also if it is an asymmetrical system. The asymmetry for mechanics by Kozyrev is cause-effect asymmetry and if the mechanical system includes the non-reversible cause-effect connection it can take the energy from time-flow. By my opinion, this is the theoretical basis for any kind of perpetual motion system. [Joseph P. Farrell extrapolates on Kozyrev's research to speculate on secret military powers and ancient civilizations - his "Grid of the Gods" 2011 book link](#)

Farrell argues for an ancient global high civilization based on alchemy and then he includes a section called: B. Music, the Alchemical Medium, and Astronomy:

The Vedic tradition is full of allusions to the "luminous nature of sound". Indeed, the word for light (svar) is similar to the word for sound (svara). — This as I have observed elsewhere, is another clue that perhaps we are viewing a legacy of a lost sophistication in physics, for the idea of a "sound-light" can also be understood as "electro-acoustic," i.e., as longitudinal electrical

waves in the medium, recalling the "Sound- Eye" spoken of in the Egyptian Edfu texts.—...In other words, our "ancient topological metaphor" is also a musical metaphor....the use of musical codes in the Platonic and Pythagorean traditions

— rather than the quantum mechanical and astronomical encoding, that points directly to the next necessary stage in our speculative case that pyramidal structures are hyper-dimensional machines, designed to manipulate the medium itself, in all its effects, including consciousness.... The Pythagoreans, in other words, were preserving a secret of hyper-dimensional geometry....

The key point of Kozyrev is that, unlike Western science, the scalar is asymmetric resonance [and it was the key insight to explain paranormal research in the Soviet Union.](#)

Asymmetry is a basic property of life. This can't be a chance thing, Dr. Kozyrev thought. ... Perhaps the energy of "time" flows in this pattern.

Tim Maudlin - NYU Philosophy of Science Professor - [The Directionality of Time as the Fundamental of Reality](#) - time is asymmetric order:

I think this is a really nice place to go fundamental....We shouldn't try to give a further explanation or account of the direction of time....it's doing a job that doesn't need anything underneath it to further produce. The other thing about taking the direction of time, this is where we ought to end, at this asymmetrical before/after relation...It is the fundamental ordering principle.

Quantum Coherence self-amplifies as negentropic energy

And so Joseph P. Farrell was CORROBORATED by the Professor of Sanskrit that I blogged on.

The "luminous nature of sound" is what he translated as the OM of LIGHT.

And then I discover a Tamil scholar calling it the Primal Unvoiced Sound. This is what I first experienced from my own religious spiritual music training - on piano and voice and guitar and studying music theory privately on the college level while I was still an INNOCENT young male. So I was able to innocently ponder the logical paradox of the Pythagorean Tetraktys - without realizing I was initiated myself into the Ancient Advanced Acoustic Alchemy secret of reality.

Human body is also called veena, a musical instrument as it produces musical notes through vocal cords. The stringed and wind blown instruments naturally

produce pleasant notes so they get upper hand in musical instruments. Chitra veena has seven strings and is played by fingers. Vipanchi has nine strings and is played by kona (plectrum). These veenas can be seen in early sculptures of Sanchi, Barhat, Amaravati, Nagarjunkonda etc. In Buddhist literature, there is a mention of a seven stringed veena. It describes there that Buddha broke the seven strings one by one and still the notes continued. It shows that the influence of music lasted even after the actual music stopped.

Meditate on Brahma as made of light - a light consisting of OM, that is the luminous Jnana. When the kundalini joins the SELF she exits through the sockets of the eyes. This subtle jnana is to be kept secret. Dr. James Mallinson

.....

"The process of creation depends on Nada and Bindu from the union of which Siva and Shakti appear....Only Nada, manifested by the gross (and inaudible) varnas is the denote of meaning. ...primal unvoiced sound (Nada), in almost gross sound (Bindu)....hence the Nada becomes the power of Sakti....sound both as Siva and Sakti....Dualism comes under the literature created after the pluralistic amalgamation of Saivagamas, is not in the earlier Tamil works."

International Journal of Science and Research Publicatons, Volume 2, Issue 5, May 2012, ["The Concept of Nada and Bindu in Tirumantiram" pdf](#)

Nirmala V., Dept. of Sanskrit Sahitya, Research Scholar, Sree Sankaracharya University of Sanskrit, Kalady, Kerala, India

5th Century A.D.!!

[Tirumantiram - A Tamil Scriptural Classic - Google Books Result](#)

<https://books.google.com/books?isbn=1365471683>

[Tirumular](#) - 2016 - Religion

1277 Bija — Causal and Caused Two the Bijas from *Nada* arise, One the Bija that ascends upward; And with *Nada* alike arises, The Seed behind as (Caused) *Bindu* expands. _____ Of the two bijas that arise from *nada*, one ascends upward; and with *nada* equal, the seed behind expands as caused *bindu*. விரித வி ..

