

HYDROSIL AND HYDROGEL AND

BIOACTIVE SYSTEMS

Introduction to Bioactive Field Effects:

'Phase Conjugate Dielectric' the core principle is that if the dielectric or insulating material between the conductive plates of a capacitor is electrically 'phase conjugate'. Insulators made of materials which were once part of biology are more likely to be phase conjugate, because biology tends to rearrange molecular bond centers to be more 'fractal' because the resultant 'pine cone shape' like charge distribution efficiency is the core mechanism of life.

This shape tends to cause charge to become centripetal (moving toward center). In that way living things refresh and self-organizing their field. Your aura or plasma field for example stays around your body better when you remain 'fractal' electrically centripetal. Examples of living electric fields in this way include some 'orgone' materials.

We have a phase conjugate dielectric coating in development, which also reduces infection, and is bioactive. Centripetal dielectrics (correct trace mineral ceramics would be another example) reduce electro-smog and can even help contain radioactivity. In the case of our developed resin, it is triggered with and infinite heterodyne' frequency field. Bubbling fractal hydrogen thru crystallizing gel creates the bioactive field array in the molecular geometry.

Our electrical engineers probably lead the world in the ability to measure and optimize the creation of these 'fractal' or conjugate coatings.

Scientifically we have shown the consistent ability to produce a resin coating whose passive field effect accelerates fermentation replicably.

Through scientific investigation and invention, we have discovered repeatable positive "bio-active effects" that can be applied to a wide variety of industries.

We envision many possibilities for the crystallization of these field effects into tangible, useful and needed technology. In fact, the commercial applications are far reaching

- Germination
- Fermentation rate increase in food, beer, wine, yogurt and other food producing industries
- Increased Metabolic rates
- Sedimentation
- Fermentation
- Commercial digesters
- Bio Fuels- algae production
- Ethanol production
- Building growth chambers
- Green house design and agriculture.
- There are also strong possibly and implications for improving tissue repair and for pain relief (we have independent evidence of this working).

An Overview

We now know that in air just like in water, when the electric symmetry is fractal and phase conjugate all the LIFE-FORCE energy will be massively optimized. This is called a bioactive electric field. We know the symmetry, frequency recipes and resin sizes to make capacitors (electric fields), which are fractal and thus cause growth and increase metabolic rates dramatically. This is our unique IP and has never been achieved before.

This is the physics behind electric fields that help seeds to germinate and can reduce aging, create efficient storage of food and many other applications.

We have long known that all living things require a fractal field. This is patently evident in water chemistry, where redox, the measure of charge distribution efficiency and electron availability to react, is precisely a measure of FRACTALITY IN WATER. It clearly predicts the ability of all living things to thrive in water. Not so evident has been the desperately needed understanding that FRACTALITY IN AIR will predict just exactly how likely EVERY LIVING THING is to be able to grow in that space.

Of course we realize the best way to teach this revolution in the way we think of what space is 'livable'- is to make it a commercial success. In this regard we have had breakthroughs.

Dan Winter has taken what is known of phase conjugation in dielectrics and applied critical plank, phi and hydrogen frequencies to create unique piezoelectric fields, which cause resins to crystallize while hardening into PHASE CONJUGATE DIELECTRICS.

These crystals when place inside phase conjugate containers produce a strong dielectric field which is phase conjugating and immensely triggering to bioactivity and hence to growth rate and which also will inhibit aging.

We have multiple series of sophisticated measures showing that we can increase glucose consumption rate by 50% during fermentation. This means in effect we can increase metabolic rate.

The new physics of material engineering, material synthesis and chemistry is based on influencing the spin characteristics of rotating electrical charge (mass). This can be achieved through geometrical designs, ultimately creating perfect embedding. Perfect embedding is equivalent to fractality. A fractal is geometric figure which multiplies recursively and constructively.

Fractality is thus a condition of recursive constructive interference. To conjugate is to add and multiply recursively constructively. Fractal wave patterns create perfect compression and perfect distribution of charge and spin. Maximum constructive wave interference is the perfect solution to optimum compression and distribution.

This process of creating these pathways of least resistance is often named phase conjugation. Fractal phase conjugation perfects coherence, thereby producing hologram like characteristics: "everywhere at once properties".

This way a small but very precise constructive wave interference can have a very profound effect on a large amount of matter. It is also the preciseness of the wave interference design that negates the need for high temperatures and high pressures in many chemical processes.

Phase conjugation is well known in non-linear optics (NLO), the physics of lasers and holography. NLO describes the behavior of light in nonlinear media, that is, media in which the dielectric polarization responds nonlinearly to the electrical field of light.

Phase conjugation is an NLO process, which exactly reverses the propagation direction and phase variation of a beam of light. The reverse beam is called the conjugate beam and interacts with the original beam to create lasers and holography. The process is also known as time reversal.

Phase conjugation creates the preconditions for every point of the relevant space to reflect the whole at every moment. Phase Conjugation is equivalent to real time holography.

Phase conjugation enables special spatial designs to minimize inertia of all sorts. Phase conjugation can reduce inertia in heat transfer systems, inertia in chemical reactions, inertia in human health or healing of disease, inertia in mass transfer, phase transfer (crystallization, evaporation, condensation) and so on.

Phase conjugation is one of the first experimental physics disciplines to describe apparent self-organization.

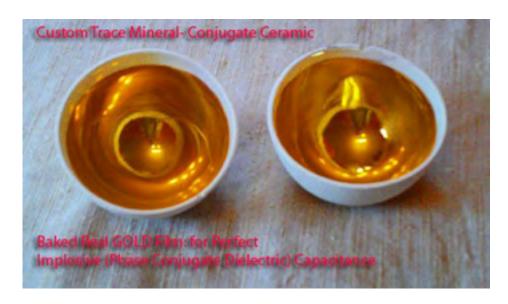
Pioneering work, scientifically validated.

Science has long known that in a liquid, if charge distribution efficiency (fractality) is good (called Redox: Electron availability to react) – then all life processes are facilitated.

We have all known and felt live air versus dead air, yet few have done the electrical engineering to measure the difference- and produce the field effect we KNOW is powerful in sacred ancient churches, pristine parts of nature, or any "sacred space".

Dan Winter, Dr. Korotkov and others have pioneered work that defines this difference.

The electric field, which creates this 'fractal field', is called 'phase conjugate dielectric' in electrical engineering terms, and those in the know - understand why this is bioactive and powerful.

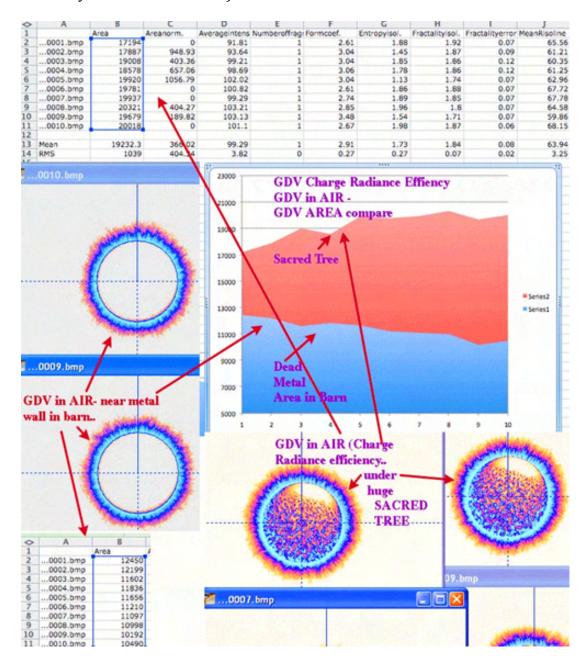


We designed this testing device (phase conjugate dielectric) phase conjugate eggs

Along with Dr. Korotkov (from Russia and a close colleague and associate) Dan Winter pioneered the electrical measurement of sacred space. It is the place where harmonics implosively become inclusive - the fractality that defines LIFE!

- Perfect IMPLOSIVE charge CREATES KOOLNESS AND HOLDS LIFE.
- Schauberger's Implosion vortex started working (making charge / life from gravity) JUST AT THE TIME THEY SPONTANEOUS STARTED GETTING COLDER.
- Golden Mean Ratio creates this KOOL way to COOLness AND LIFEbecause this symmetry for charge compressing because this allows NO destructive interference (heat) as the waves converge

Dr Korotkov showed we could MEASURE the air and the field at sacred sites to determine if they were sacred (fractality in the space = charge distribution efficiency- the DEFINER of life).



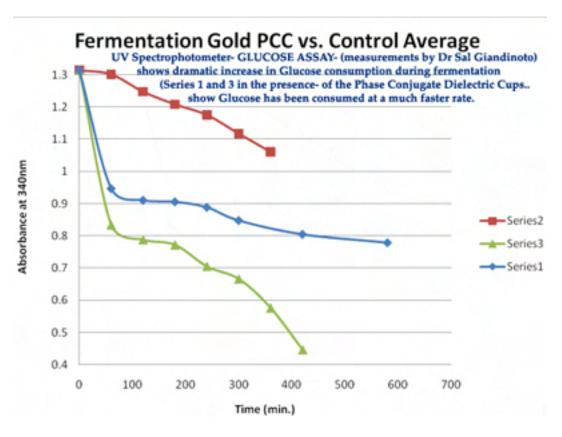
GDV measured cups: Measured / repeated/ validated: increase germination and fermentation

When we put the gold eggs treated with phase conjugate dielectric resin, which had measurably spiked Dr Korotkov's space fractality probe, passively around a glass jar containing fermenting yeast (shown at right)

We recorded a (very repeatable) 20-40 percent increase in fermentation rate.



VALIDATION FOR THE BIO-ACTIVE SYSTEM OF GROWTH ACCELERATION!



The principle is simple- whatever facilitates constructive charge compression, acceleration and therefore charges distribution- ACCELERATES LIFE!

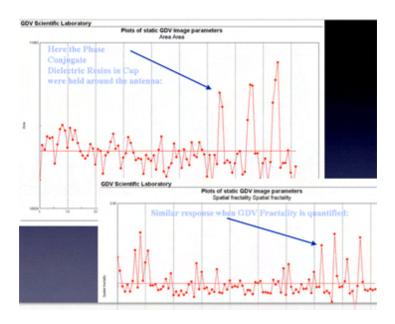
Creating a Capacitively BIOACTIVE Field (Phase Conjugate / ' Fractal')

Research Measured in the Lab by Dr. Sal Giandinoto



The frequency signature we used to phase conjugate the resins- corresponds to Golden Ratio fractality and hydrogen. This demonstrates we understand the principle: what makes a field conjugate

See the 3 peaks below in graph – each time we put it around Dr. Korotkov's little measurement antenna:



The book *Seed of Knowledge* showed - any scientists with a 90 cent budget for seeds could replicable measure what a 'sacred site' - stone circle did to seed growth



Proof: the heart HRV, which tells you your immune system is sustainable-, is

- Harmonic INCLUSIVE
- Embeddable/ fractal
- Context rich
- Connective for living plasma instead of isolating
- Charge distribution= life- invites your aura/plasma to breathe, versus charge isolation= death



Above- our Bio ACTIVE resins

Accelerated Healing Systems

Project 1: Broadcast Healing

This project is another application of the AURA tower technology. In the tower, we are focusing on plant growth and health, and those frequencies and waveform patterns are for the promotion of the well being of the plants, although it also has a beneficial effect on animal life as well. For this application, however, specific waveforms and frequencies to normalize animal, and specifically human metabolism are used. This has the effect of cohering chaotic

and discordant wave signatures into those more optimal to the functioning of the human organism.

Background

It has been known for many years that disease (or more properly "dis"-"ease"), from an energetic perspective is a result of scattering or decoherence of electromagnetic and non-electromagnetic signatures. This has the result of causing a "phase drift" for different biological systems to the point that the body no longer operates as a unit. Several researchers have worked with the coherence concept, most notably Royal Rife and Antoine Priore. A two story high plasma tube was employed in the healing system of Priore to a great success, phase locking into the energetic signatures of the test subjects, mostly small animals, and reversing the disease process as a result. Different modes of operation have been suggested, such as phase conjugation as well as other more exotic paradigms such as quantum entanglement. However one analyzes the results, there is little doubt that an effect exists that cannot be readily discounted.

More recently, Fritz Albert Popp discovered several biologically active frequencies, some of which lie in the middle of the microwave band that is used for cell phone communications as well as microwave ovens and other wireless devices. This has serious ramifications, as Popp stated that these frequencies are similar to a wireless network that both humans as well as plants use to identify friend (or self) from foe. This has the effect of confusing the immune system into a kind of quantum frustration resulting in a vast array of autoimmune diseases as well as immunodeficiency syndromes.

Technical Details and Applications

The key to offsetting this is to reinforce the biological patterns that are beneficial to life at higher amplitude to the ambient noise, or "electro-smog". Priore did this with rotating plasmas, and Rife with frequency mixes, also in plasma tubes used as nonlinear mixers. The tower is programmed to emit bioactive frequency combinations at higher amplitude than the chaotic electrosmog, and thereby also using part of the background noise in a kind of electromagnetic Jujitsu to assist in healing. Minimal power requirements are anticipated, and the range of the towers will be the same as those used in the plant kingdom, therefore allowing them to be used in healing centers to assist in recovery of illness. Larger arrays can be used to reverse the disease pathology of electromagnetic pollution in towns and cities.

Project 2: Personal Healing Systems

In this application of the AURA tower technology, we are scaling down instead of up. These will be small hand-held units that are designed to emit a field no more than 2 meters in diameter. The unit can be placed underneath a mattress, using the springs as tuning coils and passive radiator antennas, or in a window using the metal screen as a reflector. In a vehicle, the Faraday cage structure would lend itself well for use as a resonant cavity, containing the effect within

the car. Brain "driving" frequencies can be used to prevent delta frequencies associated with sleep, staving off driver fatigue and promoting alertness.

Non-invasive pain treatment and elimination: Bioactive healing life preserving MAGNETIC fields

- Growth accerating
- Pain reducing

Patented new technology for non-invasive pain relief, free of side effects that can be used continuously to target pain throughout the body. Based on magnetic cascade, which eliminates pain and speeds healing. Trial testing has been achieved in hospitals. As little as one treatment to as many as 15 treatments over a period of months shows high efficacy and no side effects. This device utilizes new principles which correctly impedance match external pulsed magnetic fields to non-invasively correct neuronal and other biological informational channels to reduce and eliminate pain.

This device can be utilized to treat chronic pain, current injury and surgical recovery and has been successful in over 90% of patients in four major clinical trials. A 100% of the patients received highly significant pain reduction in FDA trials at the Sierra pain institute of Nevada. Treatment times are anywhere from 30-60 minutes and depend on the time of pain the patient has been in pain and the source of the pain. As little as one treatment to as many as 15 treatments over a period of months shows high efficacy and no side effects. This is a completely novel non-invasive pain reduction technology.

Extensive preliminary evidence that PHASE CONJUGATE MAGNETICS can not only reduce pain but also increase healing rate. We understand the physics- because this creates the magnetic environment of restored fractality- precisely the definition of healing in biologic tissue.

OUR UNIQUE IP PHASE CONJUGATE MAGNETICS

The 'pine cone' woven concept of phase conjugation is well known in optics. We plan to lead the world in implementing the parallel symmetry in dielectrics bioactive fields. Dan Winter invented this concept when he showed that the magnetic frequencies the famous physicist Elizabeth Rauscher used to eliminate pain- in her FDA study- actually are predicted by his equation based on phase conjugation by golden ratio down to planck length and time.

Essentially this frequency recipe and pinecone symmetry for MAGNETIC lines produces centripetal and self- organizing MAGNETIC fields. This could be described simply as using the correct scale and ratio 'pine cone' to create perfect (constructive) COMPRESSION magnetically. It is abundantly clear that when this is done correctly, healing and growth acceleration is restored. Nassim Haramein famously shows the picture of his flower that refused to decay after he exposed it to his centripetal magnetic

Implosive magnetics to heal and reduce pain can be produced by:

- 1.) Using the correct frequency cascade magnetically to conjugate
- 2.) Arranging phase conjugate permanent magnets (like at TheImploder.com) into the correct implosive (dodec/icos) array. The implications for healing, pain reduction, tissue regeneration could not be more profound.

DISCOVERY OF HIGH DIELECTRIC SILICON- HYDROGEL

This high dielectric is stated to be the critical component to tap the vacuum density, or ZPE.

This cell development could be the revenue stream in terms of the material used to make our capacitors. This material works wonders in HHO (hydroxy gas)

The idea is we have material that is a power cell or dielectric that is used in power cells or motors.

DISCOVERY OF HIGH DIELECTRIC SILICON- HYDROSIL

This is a product made from Silicon that has the potential to heal wounds, burns, and kill bacteria in water that we don't want in our bodies. HydroSil is a product that can become the penicillin of the 21st century that bacteria can't adapt to.

It is an alkaline product that when taken internally, 2 oz at a 2-5% dilution, brings the body pH higher while oxygenating it. This means cancer is less likely to be able to grow or spread since oxygen kills cancer cells, as the research with sodium bicarbonate injected into cancer cells supports.

As a topical application, it controls pain from burns, bites, scraps and cuts. Therefore it is an excellent first aide complement for example professionals and hikers or campers to name one category of users. When applied to a burn, it immediately soothes the discomfort and prevents scaring by allowing more oxygen into the first and second layers of skin so healing will be more complete than usual. Many studies have shown the benefits of oxygenating wounds and burns. It is expensive, and difficult in crisis situations. Until now.

It has been shown to kill MRSA bacteria or any other staff infection found in hospitals and other surgical and nonsurgical areas.

Depending on how it is made, it has personal or industrial applications. It is appropriate for the oil field to enhance oil extraction, or clean up spills, to extracting exotic oils from anything that may contain hydrocarbon, such as seeds of any kind to separation of certain types of fat in commercial processing. Since it also kills bacteria, selectively, it will control smells found in public treatment plants, meat plants, and many other businesses that normally produce smells that are not welcome to the general public.

We have just begun to explore the many practical applications. One, that is my favorite, is control of dental caries (cavities). If you have cavities, they will be dissolved, and the tooth will get a bit stronger. If you do not have cavities, it will prevent getting them because of the layer of silicon and the fact that the pH of the mouth is kept above 7.0 so lacto bacilli can't grow and form the cavities which is a by product of their metabolizing sugar in the mouth. Their secretions eat the enamel of the tooth presenting what we call cavities.

Even in the USA there is no FDA approval needed since the application is considered "topical".

The same is true for burn ointments. The manufacturing is a precise adventure, and requires no exotic components or ingredients. It can be made in anyones backyard for that matter. We can add special things to it, and manufacture it to offer even more energy and synergy depending on the application. While inexpensive to set up and make, it does require attention to details.

HydroSil Applications

- Agriculture biomass growth
- Anti bacterial eg coli, salmonella
- Organic Pesticide
- Oil remediation
- Stagnation/odor control
- Fire Proofing
- Medical / healing:
- Teeth- seems to heal cavities quickly / mouth wash
- Reduces dental pain and infection
- Burns
- Antibacterial
- Perhaps cancers etc
- First aid
- NOTE: proven to be very effective on VENOM BITES
- Sunburn
- Cuts
- Rashes/itching
- Dry skin



HydroSil HydroGel BioActive Sydtems Implementations and Applications

With Roger Green and William Donovan

info@Breakthru-Technologies.com

In 2009 a colleague of ours, from Texas, was experimenting with silicon-bearing material, and in reducing it with a sodium hydroxide solution discovered that it had rather unusual properties.

For one, it had an extremely high PH, on the order of 14. This is on the extreme alkaline side of the PH spectrum. But that was just the beginning. When he applied it to cuts, they healed extremely fast, leading to the speculation that the material he used was high in ORMES, or orbitally rearranged metallic elements (see definition below). These have platinum group materials in a single atom, or monoatomic state. Monoatomics seem to have a quirky quantum mechanical state where each individual atom "blurs" its identity across an array, creating properties similar to Einstein-Bose condensates that exist fractions of a degree above absolute zero. When David Hudson's (famous pioneer of ormus) colleagues experimented with the material, it would disappear when exposed to sunlight, or any kind of radiation, changing state into something slightly out of phase with our quantum reality, and reappearing after a time, apparently losing its energized state from wherever it went upon dematerializing.

This is similar to what happens with what we call HSG, or Hydrosil Gel. This material is made in a manner similar to the regular hydrosil. However, the solution is preheated to a specific temperature, and what results is a high-viscosity gel, greenish-grey in color, with some giving the appearance to luminesce in the dark. After the process is completed, the gel is allowed to cool and stabilize, and then exposed to sunlight, upon which it goes clear. It is suspected that what happens is a quantum transition of the elements inside the gel, most notably the platinum group monoatomics into a different state. The gel seems to have the same healing properties of the liquid, however the electrical effects are markedly different.

HSG has been measured to have a minimum dielectric constant of 115,000. This is more than an order of magnitude above barium titanate, and above many of the conjugated polymers. What makes the material do this is subject to speculation at this time. However, these are measured results which have been

cross-checked at two separate laboratories, with a possible third to follow in our Melbourne lab.

The material was then tested to destruction, or at least attempted. It then seemed to "change phase" into a highly viscous, stringy material with an increased density and became opaque, with a whitish cast when subjected to a potential of 14,000 volts per millimeter. The test cell was disassembled, and signs of arcing were investigated. No arcing was seen, as the material seemed to react to the voltage, possibly absorbing part of the applied energy to change phase. A dielectric constant of over 14 million was measured. No facilities to do a chemical analysis were available at the time, and the experiment was catalogued and the material stored.

Definition:

Ormes (Ormus) Monoatomic cluster trace elements

Ormes elements are the precious metal elements in a natural non-metallic form. In this form they are much more common than they are in their metallic form. The ORMUS materials can be extracted from the air, water, rock, soil and food. These materials are believed to have been used throughout the centuries for the advancement of physical and spiritual well-being by the ancient Egyptian, Persian, Hindu and Chinese alchemists, King Solomon, the Essenes and the alchemists of the Middle Ages.

The ORMUS materials may be the substances which have been called manna, shewbread, chi, prana, the Philosopher's Stone, shemanna and the Fountain of Youth. Some people who have been ingesting the ORMUS materials report amazing improvements in physical and psychic conditions. There is strong evidence that the ORMUS elements are nutritional minerals which are essential to all life. Many modern agricultural and food processing techniques appear to reduce the ORMUS elements in our food.

HvdroSIL-GEL Applications

Due to the seeming adaptability of the material, the first immediate application would be self-healing capacitors. The next would be energy storage and possibly even generation based upon other unique properties of the material. Topical application of the material seems to accelerate healing. Upon contact with the skin, the material seems to adjust its PH to that of the surrounding tissue. The healed tissue has reduced scarring. It also has insecticidal properties, and application of the material to the skin causes insects to either detach or expire. Applied to plants, it seems to have a repellant quality, and once again the PH is seen to change. Fire ants, which uses formic acid for a venom, are also repelled strongly, and if applied directly to the ants, the venom is neutralized.

The hydrosil liquid seems to cause oils to separate from their carriers, and if sprayed on oil bearing sand, will create a slick on top that is easily recovered, having a property opposite to a surfactant. This can be utilized in petroleum spills, as well as oil recovery in tar sands. One immediately marketable item

would be as an ecologically friendly driveway cleaner. Once sprayed upon the concrete, the oil would immediately separate for recovery. It also has the same ability to accelerate healing, and can also be applied topically without a great deal of red tape for FDA approval. It also seems to have insecticidal as well as repellant abilities, although somewhat reduced as the active ingredients are more diluted than the gel, however it is cheaper to manufacture.

One other ability of the liquid is the ability as a restorative for cataract sufferers. It has been tested empirically, and shown to delay the onset of cataracts, as well as possibly reverse the condition.

Conclusion

Hydrosil liquid and gel appears to be a "smart" material which seems to adapt to its environment, changing its PH and other physical properties. This lends itself to a myriad of applications, some of which have yet to be determined. The material is environmentally friendly, relatively easy to make, and as an added benefit produces significant quantities of hydrogen in the process of making it, therefore the production of the material can also be utilized as a hydrogen gas generator. The raw material is readily available and reasonable in cost. The market demand for high K dielectrics is on the rise for green technologies and energy storage. The potential for profitability for this material is significant, and the impact on society is positive.

We are looking for serious investors to move these exciting concepts and products into market place

Contact Roger Green info@breakthru-technologies.com

Phone 1-848 702 3779 Skype: rogergeorgegreen